

Enclosure 1

**Seismic Walkdown Report In Response To The 50.54(f) Information
Request Regarding Fukushima Near-Term Task Force
Recommendation 2.3: Seismic for the Three Mile Island Generating
Station Unit 1, Report Number: 12Q0108.70-R-001, Rev. 1**

(682 pages)

SEISMIC WALKDOWN REPORT

IN RESPONSE TO THE 50.54(f) INFORMATION REQUEST REGARDING
FUKUSHIMA NEAR-TERM TASK FORCE RECOMMENDATION 2.3: SEISMIC

for the

THREE MILE ISLAND GENERATING STATION UNIT 1
ROUTE 441S P.O. BOX 480, MIDDLETON PA 17057
Renewed Facility Operating License No. DPR-50
NRC Docket No. 50-289
Correspondence No.: RS-12-175



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Report Number: 12Q0108.70-R-001, Rev. 1

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 RECOMMENDATION 2.3: SEISMIC for the THREE MILE ISLAND GENERATING
 STATION UNIT 1

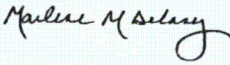

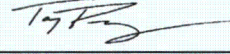
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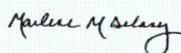
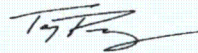


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Project Name:
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Executive Summary

The purpose of this report is to provide information as requested by the Nuclear Regulatory Commission (NRC) in its March 12, 2012 letter issued to all power reactor licensees and holders of construction permits in active or deferred status. (Ref. 5) In particular, this report provides information requested to address Enclosure 3, Recommendation 2.3: Seismic, of the March 12, 2012 letter. (Ref. 5)

Following the accident at the Fukushima Dai-ichi nuclear power plant resulting from the March 11, 2011, Great Tohoku Earthquake and subsequent tsunami, the NRC established the Near Term Task Force (NTTF) in response to Commission direction. The NTTF issued a report - *Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident* - that made a series of recommendations, some of which were to be acted upon "without unnecessary delay." (Ref. 6) On March 12, 2012, the NRC issued a letter to all power reactor licensees in accordance with 10CFR50.54(f). The 50.54(f) letter requests information to assure that certain NTTF recommendations are addressed by all U.S. nuclear power plants. (Ref. 5) The 50.54(f) letter requires, in part, all U.S. nuclear power plants to perform seismic walkdowns to identify and address degraded, non-conforming or unanalyzed conditions and to verify the current plant configuration is within the current seismic licensing basis. This report documents the seismic walkdowns performed at Three Mile Island (TMI) Generating Station Unit 1 in response, in part, to the 50.54(f) letter issued by the NRC.

The Nuclear Energy Institute (NEI), supported by industry personnel, cooperated with the NRC to prepare guidance for conducting seismic walkdowns as required in the 50.54(f) letter, Enclosure 3, Recommendation 2.3: Seismic. (Ref. 5) The guidelines and procedures prepared by NEI and endorsed by the NRC were published through the Electric Power Research Institute (EPRI) as EPRI Technical Report 1025286, *Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic*, dated June 2012; henceforth, referred to as the "EPRI guidance document." (Ref. 1) Exelon/TMI has utilized this NRC endorsed guidance as the basis for the seismic walkdowns and this report. (Ref. 1)

The EPRI guidance document was used to perform the engineering walkdowns and evaluations described in this report. In accordance with the EPRI guidance document, the following topics are addressed in the subsequent sections of this report.

- Seismic Licensing Basis
- Personnel Qualifications
- Selection of Systems, Structures, and Components (SSC)
- Seismic Walkdowns and Area Walk-Bys
- Seismic Licensing Basis Evaluations
- IPEEE Vulnerabilities Resolution Report
- Peer Review

Seismic Licensing Basis

The Seismic Licensing Basis is briefly described in Section 2 of this report. The safe shutdown earthquake for the Three Mile Island site is 0.12g horizontal ground acceleration and 0.08g vertical ground acceleration. (Ref. 2 section 5.1.2)

Personnel Qualifications

Personnel qualifications are discussed in Section 3 of this report. The personnel who performed the key activities required to fulfill the objectives and requirements of the 50.54(f) letter are qualified and trained as required in the EPRI guidance document. (Ref. 1) These personnel are responsible for:

- Selecting the SSCs that should be placed on the Seismic Walkdown Equipment List (SWEL),
- Performing the Seismic Walkdowns and Area Walk-Bys,
- Performing the seismic licensing basis evaluations, as applicable,
- Identifying the list of plant-specific vulnerabilities identified during the IPEEE program and describing the actions taken to eliminate or reduce them,
- Performing the peer reviews

Selection of SSCs

Selection of SSCs is discussed in Section 4 of this report. The process used to select the items that were included in the overall Seismic Walkdown Equipment List (SWEL) is described in detail in the EPRI guidance document, Section 3: Selection of SSCs. (Ref. 1) The SWEL is comprised of two groups of items, which are described at a high level in the following subsections.

Sample of Required Items for the Five Safety Functions – SWEL 1

Screen #1 narrowed the scope of SSCs in the plant to those that are designed to Seismic Category I requirements because they have a seismic licensing basis.

Screen #2 narrowed the scope of SSCs by selecting only those that do not regularly undergo inspections to confirm that their configuration continues to be consistent with the plant licensing basis.

Screen #3 narrowed the scope of SSCs included on SWEL 1 as only those associated with maintaining the five safety functions. These five safety functions include the four safe shutdown functions (reactor reactivity control, reactor coolant pressure control, reactor coolant inventory control, and decay heat removal, which includes the Ultimate Heat Sink), plus the containment functions.

Screen #4 was a process intended to result in a SWEL 1 that sufficiently represented the broader population of plant equipment and systems needed to meet the objectives of the 50.54(f) letter. The following five sample attributes were used:

- A variety of types of systems
- Major new or replacement equipment
- A variety of types of equipment
- A variety of environments

- Equipment enhanced due to vulnerabilities identified during the IPEEE program

Spent Fuel Pool Related Items – SWEL 2

Screen #1 and Screen #2 were used to narrow the scope of spent fuel pool related SSCs to those that have a seismic licensing basis and those that are appropriate for an equipment walkdown process. Screen #3 was a process intended to result in SWEL 2 that sufficiently represents the broader population of spent fuel pool Seismic Category I equipment and systems to meet the objectives of the 50.54(f) letter, and included the following sample selection attributes:

- A variety of types of systems
- Major new or replacement equipment
- A variety of types of equipment
- A variety of environments

Screen #4 identified items of the spent fuel pool that could potentially cause a rapid drain-down of the pool, even if such items are not Seismic Category I. Rapid drain-down is defined as lowering of the water level to the top of the fuel assemblies within 72 hours after the earthquake. Any items identified as having the potential for rapidly draining the spent fuel pool were to be added to SWEL 2.

For TMI Unit 1, the SWEL is comprised of:

- SWEL 1 resulted with 91 items for walkdown.
- SWEL 2 resulted with 15 items for walkdown.
- Three (3) items associated with spent fuel pool rapid drain-down are included on SWEL 2.

Seismic Walkdowns and Area Walk-Bys

Section 5, Appendix C, and Appendix D of this report documents the equipment Seismic Walkdowns and the Area Walk-Bys. The online seismic walkdowns for TMI Unit 1 were performed during the weeks of August 13, 2012 and August 24, 2012. During the majority of the walkdown activities, the walkdown team consisted of two (2) Seismic Walkdown Engineers (SWEs), the station Lead Responsible Engineer (LRE), and a station Operations person.

The seismic walkdowns focused on the seismic adequacy of the items on the SWEL. The walkdowns focused on the following:

- Adverse anchorage conditions
- Adverse seismic spatial interactions
- Other adverse seismic conditions (e.g., degradation, configuration, etc.)

Area Walk-Bys were conducted in each area of the plant that contained an item on the SWEL (generally within 35 feet of the SWEL component). The Area Walk-By was performed to identify potentially adverse seismic conditions associated with other SSCs located in the vicinity of the SWEL item. The key examination factors that were considered in the Area Walk-Bys included the following:

- Anchorage conditions (if visible without opening equipment)
- Significantly degraded equipment in the area
- Potential seismic interaction
- A visual assessment (from the floor) of cable/conduit raceways and HVAC ducting (e.g., condition of supports or fill conditions of cable trays)
- Potential adverse interactions that could cause flooding/spray and fire in the area
- Other housekeeping items, including temporary installations

The seismic walkdown team inspected 91 of the 106 components on the SWEL (comprised of SWEL 1 and SWEL 2), including five (5) components deferred to outage. The five (5) deferred items were inspected the week of August 24, 2012 during the unit outage. Walkdowns for the remaining 15 components were deferred. These components are configured with anchorage that is internal to the component and it was not opened to allow for inspection of the anchorage. Anchorage inspections for these items will be completed at a later time when the equipment is accessible. Anchorage verification was required for a minimum of 40 components. (Ref. 1) A total of 58 anchorage configurations were confirmed to be installed in accordance with the station documentation.

Following the completion of the online seismic walkdowns, the industry was made aware that the NRC staff had clarified a position on opening electrical cabinets to inspect for other adverse seismic conditions. Supplemental inspections of 18 electrical cabinets are planned and will be completed, as required, during a unit outage or another time when the equipment becomes accessible. The list of electrical cabinets along with the milestone completion schedule is provided in Table E-2.

Nineteen (19) Issue Reports (IRs) were initiated for conditions identified during the seismic walkdowns at TMI Unit 1. One (1) condition (IR 1400723) was determined to be a potential adverse seismic condition for which the component (AH-E-18B) was declared inoperable. Further evaluation completed through the Corrective Action Program (CAP) concluded the as-found condition was degraded though capable of withstanding seismic loads and performing its design function(s). Due to the nature of this condition it was concluded the condition was an adverse seismic condition. The condition was addressed via work order (M2310468) to correct the as-found condition to the design configuration.

The remaining eighteen (18) conditions were evaluated through the CAP and it was determined that none of these conditions were adverse seismic conditions.

Seismic Licensing Basis Evaluations

The EPRI guidance document, Section 5: Seismic Licensing Basis Evaluation provides a detailed process to perform and document seismic licensing basis evaluations of SSCs identified when potentially adverse seismic conditions are identified. The process provides a means to identify, evaluate and document how the identified potentially adverse seismic condition meets a station's seismic licensing basis without entering the condition into a station's CAP. In lieu of this process, Exelon/TMI utilized the existing processes and procedures (Site CAP Expectations) to identify, evaluate and document conditions identified during the Seismic Walkdowns.

In accordance with Exelon/TMI processes and procedures, all questionable conditions identified by the SWEs during the walkdowns were entered into the station CAP to be further evaluated and addressed as required. The SWEs provided input to support the identification and evaluation (including seismic licensing basis evaluations, as required) of the potentially adverse seismic conditions entered into the CAP. The station corrective action program is a more robust process than that provided in the EPRI guidance document; in part, ensuring each condition is properly evaluated for conformance with design and licensing bases and corrected as required.

Conditions identified during the walkdowns were documented on the SWCs, AWCs, and entered into the CAP. For those conditions that required, seismic licensing basis evaluations were completed and documented within the IR. Tables 5-2 and 5-3 in the report provide the IR number, a summary of the condition, and the action completion status.

IPEEE Vulnerabilities

IPEEE vulnerabilities are addressed in Section 7 and Appendix G of this report. No vulnerabilities were identified as a result of the effort that addressed the Individual Plant Examination of External Events (IPEEE). (Ref. 7) However, plant improvements were identified in Reference 3 (section 7). Table G-1 provides the list of plant improvements, the IPEEE proposed resolution, the actual resolution and resolution date. All IPEEE plant improvements and associated actions are complete.

Peer Reviews

A peer review team consisting of at least two individuals was assembled and peer reviews were performed in accordance with Section 6: Peer Reviews of the EPRI guidance document. The Peer Review process included the following activities:

- Review of the selection of SSCs included on the SWEL
- Review of a sample of the checklists prepared for the Seismic Walkdowns and Area Walk-Bys
- Review of licensing basis evaluations, as applicable
- Review of the decisions for entering the potentially adverse conditions into the CAP process
- Review of the submittal report
- Provided a summary report of the peer review process in the submittal report

Section 8 of this report contains a summary of the Peer Review. The Peer Review determined that the objectives and requirements of the 50.54(f) letter are met. Further, it was concluded by the peer reviews that the efforts completed and documented within this report are in accordance with the EPRI guidance document.

Summary

In summary, seismic walkdowns have been performed at the Three Mile Island Generating Station Unit 1 in accordance with the NRC endorsed walkdown methodology. All potentially degraded, nonconforming, or unanalyzed conditions identified as a result of the seismic walkdowns have been entered into the corrective action program.

Evaluations of the identified conditions are complete and documented within the CAP. These evaluations determined one (1) condition was an adverse seismic anchorage condition. No adverse seismic spatial interactions and no other adverse seismic conditions associated with SWEL components were identified. The Area Walk-Bys resulted with no adverse seismic conditions associated with other SSCs located in the vicinity of the SWEL item(s).

The one (1) adverse seismic anchorage condition was corrected by work order. No other degraded, nonconforming, or unanalyzed conditions were identified that required either immediate or follow-on action(s). No planned or newly identified protection or mitigation features have resulted from the efforts to address the 50.54(f) letter.

Follow-on activities required to complete the efforts to address Enclosure 3 of the 50.54(f) letter include inspection of 15 items that require internal anchorage inspections along with supplemental inspections of 18 electrical cabinets. Area Walk-Bys will be completed, as required, during these follow-on activities.

1

Introduction

1.1 PURPOSE

The purpose of this report is to provide information as requested by the Nuclear Regulatory Commission (NRC) in its March 12, 2012 letter issued to all power reactor licensees and holders of construction permits in active or deferred status. (Ref. 5) In particular, this report provides information requested to address Enclosure 3, Recommendation 2.3: Seismic, of the March 12, 2012 letter. (Ref. 5)

1.2 BACKGROUND

Following the accident at the Fukushima Dai-ichi nuclear power plant resulting from the March 11, 2011, Great Tohoku Earthquake and subsequent tsunami, the NRC established the Near Term Task Force (NTTF) in response to Commission direction. The NTTF issued a report - *Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident* - that made a series of recommendations, some of which were to be acted upon "without unnecessary delay." (Ref. 6) On March 12, 2012, the NRC issued a letter to all power reactor licensees in accordance with 10CFR50.54(f). The 50.54(f) letter requests information to assure that certain NTTF recommendations are addressed by all U.S. nuclear power plants. (Ref. 5) The 50.54(f) letter requires, in part, all U.S. nuclear power plants to perform seismic walkdowns to identify and address degraded, non-conforming or unanalyzed conditions and to verify the current plant configuration is within the current seismic licensing basis. This report documents the seismic walkdowns performed at Three Mile Island (TMI) Generating Station Unit 1 in response, in part, to the 50.54(f) letter issued by the NRC.

The Nuclear Energy Institute (NEI), supported by industry personnel, cooperated with the NRC to prepare guidance for conducting seismic walkdowns as required in the 50.54(f) letter, Enclosure 3, Recommendation 2.3: Seismic. (Ref. 5) The guidelines and procedures prepared by NEI and endorsed by the NRC were published through the Electric Power Research Institute (EPRI) as EPRI Technical Report 1025286, *Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic*, dated June 2012; henceforth, referred to as the "EPRI guidance document." (Ref. 1) Exelon/TMI has utilized this NRC endorsed guidance as the basis for the seismic walkdowns and this report. (Ref. 1)

1.3 PLANT OVERVIEW

The Three Mile Island Generating Station Unit 1 is a pressurized water reactor type. The station is located on Three Mile Island, which is situated in the Susquehanna River upstream from York Haven Dam, in Londonderry Township of Dauphin County, Pennsylvania, about 2.5 miles north of the southern tip of Dauphin County, where Dauphin is coterminous with York and Lancaster Counties. (Ref. 2 sections 1.1 & 2.1)

Three Mile Island Unit 1 is rated at a licensed power level of 2568 MWt. The nuclear steam supply system (NSSS) was designed and supplied by the Babcock & Wilcox Company. (Ref. 2 sections 1.2 & 1.1) Unit 1 received its original operating license (Renewed License No. DPR-50) on April 19, 1974. (Operating License)

1.4 APPROACH

The EPRI guidance document is used for the Three Mile Island Unit 1 engineering walkdowns and evaluations described in this report. In accordance with Reference 1, the following topics are addressed in the subsequent sections of this report:

- Seismic Licensing Basis
- Personnel Qualifications
- Selection of SSCs
- Seismic Walkdowns and Area Walk-Bys
- Licensing Basis Evaluations
- IPEEE Vulnerabilities Resolution Report
- Peer Review

1.5 CONCLUSION

Seismic walkdowns have been performed at the Three Mile Island Generating Station Unit 1 in accordance with the NRC endorsed walkdown methodology. All potentially degraded, nonconforming, or unanalyzed conditions identified as a result of the seismic walkdowns have been entered into the corrective action program.

Evaluations of the identified conditions are complete and documented within the CAP. These evaluations determined one (1) condition was an adverse seismic anchorage condition. No adverse seismic spatial interactions and no other adverse seismic conditions associated with SWEL components were identified. The Area Walk-Bys resulted with no adverse seismic conditions associated with other SSCs located in the vicinity of the SWEL item(s).

The one (1) adverse seismic anchorage condition was corrected by work order. No other degraded, nonconforming, or unanalyzed conditions were identified that required either immediate or follow-on action(s). No planned or newly identified protection or mitigation features have resulted from the efforts to address the 50.54(f) letter.

Follow-on activities required to complete the efforts to address Enclosure 3 of the 50.54(f) letter include inspection of 15 items that require internal anchorage inspections along with supplemental inspections of 18 electrical cabinets. Area Walk-Bys will be completed, as required, during these follow-on activities.

2

Seismic Licensing Basis

2.1 OVERVIEW

This section of the report summarizes the seismic licensing basis for Three Mile Island Unit 1. The safe shutdown earthquake and a summary of the codes, standards, and methods used in the design of Seismic Class I (Category I) SSCs are presented. This section does not establish or change the seismic licensing basis of the facility and is intended to provide a fundamental understanding of the seismic licensing basis of the facility.

2.2 SAFE SHUTDOWN EARTHQUAKE (SSE)

The safe shutdown earthquake for the Three Mile Island site is 0.12g horizontal ground acceleration and 0.08g vertical ground acceleration. (Ref. 2 section 5.1.2)

2.3 DESIGN OF SEISMIC CATEGORY I SSCs

A full description of the Safe Shutdown Earthquake along with the codes, standards, and methods used in the design of the Seismic Class I (Category I) SSCs for meeting the seismic licensing basis requirements are provided throughout the following Three Mile Island Station UFSAR sections:

- 1.3.2 Significant Design Revisions
- 1.6.2.4 Quality Assurance Implementation
- 2.7 Engineering Geology and Foundation Considerations
- 2.8 Seismology
- 3.1.Design Bases
- 3.2.Reactor Design
- 4.1. Reactor Coolant System Design Bases
- 4.2 Reactor Coolant System – System Description and Operation
- 4.3. RCS Structural Design Evaluation
- 5.1 Structural Design Classification
- 5.2 Reactor Building
 - 5.2.3 Structural Design Criteria
 - 5.2.4 Method of Analysis
- 5.3 Isolation System (Reactor Building)

- 5.4 Other Special Structures
 - 5.4.3 Structural Design Criteria
 - 5.4.4 Piping Design Criteria
 - 5.4.5 Method of Analysis
- 6.0 Engineered Safeguards
- 7.0 Instrumentation and Control
- Chapter 8 – Electrical Systems
- Chapter 9 – Auxiliary and Emergency Systems
- Chapter 10 Steam and Power Conversion
- UFSAR Appendix 14A Design Review for Consideration of effects of Piping System Breaks Outside Containment.

UFSAR Chapters 5 and 8 provide detailed discussions of the codes, standards, and methods used in the design of the Seismic Class I (Category I) SSCs for meeting the seismic licensing basis requirements. The remaining sections identified above are identified for reference as they provide system and component specific design features that implement the criteria and methods detailed in UFSAR Chapters 5 and 8.

The UFSAR sections listed above should be referred to for a detailed understanding of the seismic licensing basis.

2.3.1 Summary of Seismic Design

The acceleration response spectra for the design earthquake were partially developed using records from the March 1957 San Francisco earthquake normalized to a basic ground motion of 0.06g. Data from this earthquake were recorded by an instrument located on rock in Golden Gate Park. The instrumented records provide valuable data on the attenuation of a moderate earthquake occurring a short distance from the recording station. These field conditions are considered to best approximate those at the Three Mile Island site. The acceleration response spectra were further developed on the basis of the spectra for the 1940 El Centro earthquake normalized to a basic ground motion of 0.06g. The resultant spectra (Ref. 2 Figure 2.7-1) therefore are controlled in the low frequency region by the El Centro Spectra. (Ref. 2 section 2.7)

2.3.2 Class I Systems and Equipment Design

Components and systems classified as Class I have been designed in accordance with the following criteria:

- A. Primary steady state stresses, which included the seismic stress resulting from the design earthquake ground acceleration of 0.06g acting horizontally and 0.04g acting vertically and occurring simultaneously, have been maintained within the allowable working stress limits accepted as good practice and, where applicable, set forth in the appropriate design standards, e.g., ASME Boiler & Pressure Vessel Code and USAS B31.1.0, Code for Pressure Piping. (Ref. 2 section 5.1.2.1.2)
- B. Primary steady state stress and corresponding strains, which include the seismic stress resulting from the maximum hypothetical earthquake ground acceleration of 0.12g acting horizontally and 0.08g acting vertically and occurring simultaneously,

have been limited so that the function of the component, system, or structure is not impaired as to prevent a safe and orderly shutdown of the plant. (Ref. 2 section 5.1.2.1.2)

Stresses resulting from the simultaneous occurrence of the maximum earthquake and the loss of coolant accident shall be limited to permit a safe shutdown of the plant. Refer to UFSAR Chapter 4. For piping stress criteria, refer also to UFSAR Section 5.4.4. (Ref. 2 section 5.1.2.1.2)

- C. As an alternative to the methodology described in A) and B) above, seismic experience data utilized in accordance with the Seismic Qualification Utilities Group (SQUG) methodology may be used to verify the seismic adequacy of existing, new, modified and replacement items on a case-by-case basis. Such evaluations are performed in a controlled and systematic manner to ensure that the item of equipment is properly represented in the earthquake experience or generic testing classes and that applicable caveats are met. In particular, each new or replacement item must be evaluated for any design changes that could reduce the seismic capacity of the equipment from that reflected in the experience data base, and all such evaluations must be documented in accordance with established procedures. SQUG methodology is applied in accordance with the SQUG Generic Implementation Procedure (UFSAR Reference 66) and implementation of the SQUG methodology is controlled and documented in accordance with the Exelon Nuclear procedure (UFSAR Reference 67). All evaluations performed using the SQUG methodology use as input the amplified response spectra contained in EQE Report 50097-R-001 (UFSAR Reference 68), GPUN Report 990-2362 (UFSAR Reference 69) and EQE Calculation 42105-C-004 (UFSAR Reference 70). The use of the SQUG methodology is limited to the scope of equipment covered by the equipment classes described in the SQUG Generic Implementation Procedure (GIP). The methodology is not used to verify the seismic adequacy of equipment not included within the scope of the equipment classes described in the GIP. (Ref. 2 section 5.1.2.1.2)

In addition to the restrictions, inclusion rules and caveats described in the preceding paragraph and those specified by the GIP, the following restrictions as described in the Exelon Nuclear procedure (UFSAR Reference 67) are applied to use of the SQUG methodology for verification of seismic adequacy of equipment at TMI (Ref. 2 section 5.1.2.1.2):

The SQUG methodology is not utilized to verify seismic adequacy of equipment that is part of the systems described in UFSAR Sections 7.1.1.8, 7.1.3 and 7.3.2 of the TMI FSAR. (Ref. 2 section 5.1.2.1.2)

1. Comparisons of seismic capacity to demand are performed using Method A from Table 4-1 of the SQUG GIP for equipment located in the Intake Screen and Pump House (ISPH). For equipment located in other areas of the plant, Method B is used unless the use of the Method A is justified as part of the evaluation. (Ref. 2 section 5.1.2.1.2)
2. The anchor bolt allowables contained in GIP Appendix C, Section C.2, are used only to verify the adequacy of existing equipment, within the scope of USI A-46, which is known to not contain essential relays and any other existing equipment which does not contain any relays. Anchorage for existing equipment that contains essential relays is designed using the allowables specified in the GIP, reduced by one fourth as required by the GIP. Anchorage for all new equipment

with or without essential relays is designed using allowable capacities specified in TMI-1 procedures and specifications. (Ref. 2 section 5.1.2.1.2)

3. Relay evaluations for new or modified safety related relays are performed based on a comparison of demand to capacity. Reliance on chatter being acceptable or on the ability of operators to take manual action is not used as a basis for seismic qualification of new safety related equipment or modifications to existing safety related equipment. Safety related replacement items are evaluated on the basis of a comparison of capacity to demand or on the basis of equivalency to the existing equipment being replaced. (Ref. 2 section 5.1.2.1.2)

2.3.3 Summary of Codes and Standards

The Class I structures have been designed in accordance with the following Codes, as provided in Reference 2 sections 5.2 and 5.4:

- Regulations for Protection From Fire and Panic Commonwealth of Pennsylvania
- Building Code Requirements for Reinforced Concrete, ACI 318 63
- Specifications for Structural Concrete for Buildings, ACI 301 66 except as modified in the design and quality control of the Reactor Building
- AISC Manual of Steel Construction
- ASME Boiler and Pressure Vessel Code, Section III, Nuclear Vessel; Section VIII, Unfired Pressure Vessels; Section IX, Welding Qualifications (applicable portions pertain to the Reactor Building)

The design of the electrical systems for the Three Mile Island Station Unit 1 is in compliance with the requirements of proposed AEC Criteria 24 "Emergency Power for Protection Systems," and 39 "Emergency Power for Engineered Safety Features," of July 11, 1967 and provides required power sources and equipment to ensure continued operation of essential reactor and station auxiliary equipment under all conditions. The design satisfies the Institute of Electrical and Electronics Engineers (IEEE) Report No. NSG/TCS/SC4 1, "Proposed IEEE Criteria for Class 1E Electrical Systems for Nuclear Power Generating Stations," dated June 1969. (Ref. 2 section 8.1)

3

Personnel Qualifications

3.1 OVERVIEW

This section of the report identifies the personnel that participated in the NTTF 2.3 Seismic Walkdown efforts. A description of the responsibilities of each Seismic Walkdown participant's role(s) is provided in Section 2 of the EPRI guidance document. (Ref. 1) Resumes provided in Appendix A provide detail on each person's qualifications for his or her role.

3.2 PROJECT PERSONNEL

Table 3-1 below summarizes the names and corresponding roles of personnel who participated in the NTTF 2.3 Seismic Walkdown effort.

Table 3-1. Personnel Roles

Name	Equipment Selection Engineer	Plant Operations	Seismic Walkdown Engineer (SWE)	Licensing Basis Reviewer	IPEEE Reviewer	Peer Reviewer
K. Hull	X					
T.K. Ram	X					
A. Perez						X ⁽¹⁾
S. Baker			X	X		
M. Etre			X	X		
J. Lopez-Ferrer (Exelon)			X	X	X	
T. Bacon						X
W. Djordjevic						X ⁽²⁾
Michael Wynne (Exelon)		X				

Notes:

1. Peer Review Team member for SWEL review only.
2. Peer Review Team Leader.

3.2.1 Stevenson & Associates Personnel

The following provides a synopsis of each individual's background and experiences.

Antonio Perez, P.E.: Mr. Perez is a Senior Engineer III and serves as the General Manager of the S&A Hudson, WI office. He earned his Bachelor of Science degree in

Mechanical Engineering at Michigan Technological University and is a licensed Professional Engineer in the states of Wisconsin and Minnesota. Mr. Perez has over 15 years of experience in project management, project engineering, equipment design, and mechanical systems design and has served in the nuclear power industry for over 11 years. He has extensive experience in Program and Design Engineering and has held positions such as MOV Engineer, Responsible Design Engineer, Design Engineering Supervisor and STA Trainee in the nuclear power industry. Throughout his years serving in the nuclear power industry, Mr. Perez has gained knowledge of plant operations, documentation, and SSCs necessary to capably select a broad distribution of SSCs for the SWEL. In addition, his experiences have provided him with knowledge of IPEEE and USI A-46 programs. Mr. Perez has successfully completed the Near-Term Task Force Recommendation 2.3 – Plant Seismic Walkdowns Training Course.

Kim Hull: Mr. Hull is a Senior Engineer III in the S&A Hudson, WI office. He earned his Master of Science degree in Mechanical Engineering at Michigan State University. Mr. Hull has over 30 years of experience in the nuclear power industry and has held positions such as Shift Technical Advisor, Principal Engineer, Senior Instructor, and Mechanical Design Supervisor. He has an extensive background in all aspects of nuclear power plant modifications with a thorough understanding of configuration control/management along with design and licensing basis of nuclear power plants. Throughout his years serving in the nuclear power industry, Mr. Hull has gained knowledge of plant operations, documentation, and SSCs necessary to capably select a broad distribution of SSCs for the SWEL. In addition, his experiences have provided him with knowledge of IPEEE and USI A-46 programs. Mr. Hull has successfully completed the Near-Term Task Force Recommendation 2.3 – Plant Seismic Walkdowns Training Course.

Tribhawan K. Ram, P.E.: Mr. Ram is a Senior Engineer III in the S&A Phoenix, AZ Office. He has over 28 year experience in the nuclear power industry with expertise in plant systems and design engineering. Currently, Mr. Ram is leading the electrical engineering effort in support of Post-Fukushima Seismic Margin Analysis (SMA) for two Taiwan nuclear stations (PWR and BWR). This effort, in support of the plant Safe Shutdown Equipment List (SSEL), consists of relay list development, relay screening (using GERS, SQRSTS or other available testing data), and relay chatter analysis. Mr. Ram was involved in resolving USI A-46 relay outliers for several plants (Dresden, Quad Cities, Millstone, Palisades, and Pilgrim). He evaluated dozens of control circuits for relay chattering issues. To replace outliers, Mr. Ram developed and/or supervised the development of modification packages including: replacement relay selection; relay testing specification preparation; and seismic testing facility visits for relay qualification. As a systems manager, Mr. Ram conducted periodic system walkdowns to discover and then pursue resolutions for any design, maintenance or operational issues with equipment. He has developed test plans for circuit breaker and other electrical equipment replacement, including involvement in test plan execution during refueling outages. Mr. Ram has interfaced, with NRC in their biennial Component Design Basis Inspections (CDBI), and with INPO in their biennial evaluations. Throughout his years serving in the nuclear power industry, Mr. Ram has gained knowledge of plant operations, documentation, and SSCs necessary to capably select a broad distribution of SSCs for the SWEL. In addition, his experiences have provided him with knowledge of IPEEE and USI A-46 programs. Mr. Ram has MS degrees in Nuclear and Electrical Engineering from the University of Cincinnati, and an MBA from Bowling Green State University. He is a licensed Professional Engineer (electrical) in Ohio. Mr. Ram has completed a six month training course in BWR systems.

Mark Etre: Mr. Etre is a Senior Engineer III in the S&A Boston, MA office. He has managed and led seismic walkdowns and analyses of structures and components. Mr. Etre has more than 20 years of seismic experience serving the nuclear industry. Mr. Etre has participated in numerous USI A-46 and IPEEE projects in response to the requirements of Generic Letters 87-02 and 88-20. Mr. Etre has a Master of Science in Structural Engineering from the Worcester Polytechnic Institute. He has received industry training as a Seismic Capability Engineer (EPRI 5-day SQUG training) and has successfully completed the Near-Term Task Force Recommendation 2.3 – Plant Seismic Walkdowns Training Course.

Seth Baker: Mr. Baker is a Senior Engineer I in the S&A Boston, MA office, where he joined in 2008. He has performed seismic and other dynamic evaluations on a variety of nuclear structures including buildings, equipment frames, and cabinets, as well as having designed several structural modifications. He has completed the NTF Recommendation 2.3 Training Course and has subsequently performed seismic walkdowns on seven US nuclear units. Mr. Baker holds a Master of Science degree in Civil Engineering from Stanford University and a Bachelor of Science degree from the Worcester Polytechnic Institute.

Todd Bacon: Mr. Bacon is a Senior Consultant in the S&A Boston, MA office. He has over 30 years of experience in evaluations of nuclear systems, structures and components, with specialization in the dynamic analysis and design of piping systems, structures and equipment for seismic, other dynamic, fluid, and wind loads. He has managed various ASME Code related tasks for numerous US and international utilities. Mr. Bacon has been involved with the dynamic analyses of systems associated with the Main Steam and other NSSS systems, as well as many other plant systems. In addition, Mr. Bacon has led the analysis and subsequent regulatory response for a number of issues including GL 96-03 and masonry block wall assessments related to IEB 80-11. He is a licensed Professional Engineer (civil) in the states of California, Ohio, and Georgia. Mr. Bacon has successfully completed the Near-Term Task Force Recommendation 2.3 – Plant Seismic Walkdowns Training Course.

Walter Djordjevic, P.E. Mr. Djordjevic is a Senior Consultant and serves as President of S&A with specialization in the dynamic analysis and design of structures and equipment for seismic, blast, fluid, and wind loads. He has managed and led seismic walkdowns and fragility analyses of structures and components for use in probabilistic risk assessments. Mr. Djordjevic has 37 years of seismic experience serving the nuclear industry. Mr. Djordjevic performed and managed more than 20 USI A-46 and IPEEE projects in response to the requirements of Generic Letters 87-02 and 88-20. Mr. Djordjevic has a Master of Science in Structural Engineering from the Massachusetts Institute of Technology. He has received industry training as a Seismic Capability Engineer (EPRI SQUG training), EPRI IPEEE Add-on; Seismic Fragility and Seismic Walkdown Engineer (SWE).

3.2.2 Additional Personnel

Exelon plant Operations, Michael Wynne, reviewed the SWEL. Mr. Wynne was an operator on shift for 25 years in many positions from entry level Non Licensed Operator up to a Shift Manager including time in Operations Training as a Certified SRO instructor for OPS Training. He is currently working as Operations representative, Previous SRO, Supervisor supporting the Fukushima Response project at Three Mile Island Station. He is familiar with all aspects of the station operating procedures.

Various station personnel also provided support to the SWEL preparer in identifying major equipment or system modifications, equipment and systems located in different environments, and equipment and systems that would be accessible for inspection during the plant walkdowns, in accordance with Reference 1.

Exelon Engineering staff member Mr. Juan Lopez performed the IPEEE Vulnerabilities Review based, in part, on the TMI IPEEE submittal along with subsequent correspondence and station records. (Ref. 3) Mr. Lopez is a Structural Engineer in the Exelon Engineering Department. He has worked at TMI since 2009. He has successfully completed the SQUG Walkdown Screening and Seismic Evaluations Training and the Near-Term Task Force Recommendation 2.3 – Plant Seismic Walkdowns Training Course.

4

Selection of SSCs

4.1 OVERVIEW

This section of the report describes the process used to select structures, systems, and components (SSCs) that were included on the Seismic Walkdown Equipment List (SWEL). The actual equipment lists that were developed in this process are found in Appendix B and are as follows:

- Table B-1. Base List 1
- Table B-2. Base List 2
- Table B-3. SWEL 1
- Table B-4. SWEL 2

4.2 SWEL DEVELOPMENT

The selection of SSCs process described in EPRI Technical Report 1025286, *Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic*, dated June 2012, was utilized to develop the SWEL list for Three Mile Island Generating Station Unit 1. (Ref. 1)

The SWEL is comprised of two groups of items:

- SWEL 1 is a sample of items to safely shut down the reactor and maintain containment integrity
- SWEL 2 is a list of spent fuel pool related items

4.2.1 SWEL 1 – Sample of Required Items for the Five Safety Functions

The process for selecting a sample of SSCs for shutting down the reactor and maintaining containment integrity began with a review of TMI Unit 1 Individual Plant Examination for External Events (IPEEE), dated December 1994. (Ref. 3) Table 3.1-1, *TMI PRA Comp. List*, and Table 3.1-2, *Additional Components*, of Reference 3 were utilized as the initial list of equipment. The information provided in the Reference 3 tables was supplemented with two Excel Spreadsheets: a) "Q_Class_Components_with_Function.xls" and b) "TMI-1 A-46 SSEL.xls". (Ref. 9 and 10) The three datasets were compiled into a single list of SSCs. The components on this initial list were then subjected to the following four (4) screens to identify the items to be included on the first Seismic Walkdown Equipment List (SWEL 1):

1. Screen #1 – Seismic Category 1

As described in Reference 1, only items that have a defined seismic licensing basis are to be included in SWEL 1. Each item on the initial list was reviewed to determine if it had a defined seismic licensing basis. All items identified as Class I, as defined in the TMI UFSAR Chapter 5, were identified as having a defined

seismic licensing basis. (Ref. 2) Electrical enclosures containing Class I electrical devices were identified as Class I. Class I determination was made through a review of current design and licensing basis documentation.

As a means to expedite this process, the list of SSCs provided in Reference 9 included a QA Class and Seismic Cat. All items with a QA Class of "Q" and Seismic Cat of "W" were considered Class I. QA Class "Q" items are defined as Safety Related Equipment/Component and Seismic Cat "W" items are defined as Seismic Safety Related, Operable During and After SSE.

Screen # 1 reduced the scope of items of the initial list to include only Class I items.

2. **Screen #2 – Equipment or Systems**

This screen further narrowed the scope of items to include only those that do not regularly undergo inspections to confirm that their configuration is consistent with the plant licensing basis. This screen further reduced the components on the list (from Screen #1) of any Seismic Category I (Class I) Structures, Containment Penetrations, Seismic Category I (Class I) Piping Systems, cable/conduit raceways and HVAC ductwork.

3. **Screen #3 – Support for the Five Safety Functions**

This screen narrowed the scope of items included on the SWEL 1 to only those associated with maintaining the following five safety functions:

- A. Reactor Reactivity Control (RRC)
- B. Reactor Coolant Pressure Control (RCPC)
- C. Reactor Coolant Inventory Control (RCIC)
- D. Decay Heat Removal (DHR)
- E. Containment Function (CF)

The first four functions are associated with bringing the reactor to a safe shutdown condition. The fifth function is associated with maintaining containment integrity.

As described in Appendix E of Reference 1, the safety function for each item on the final SWEL 1 list was identified. It is noted that items on SWEL 1 with a specific safety function(s) are considered frontline systems. Items with a safety function designation of 'Support System HVAC', 'Support System AC Power', 'Support System DC Power', 'Engineered Safety Features Actuation System' (ESFAS) or 'Cooling Water' may be a frontline or support system. Items with a safety function designation of 'Support System HVAC' (SSHVAC), 'Support System AC Power' (SSAC), 'Support System DC Power' (SSDC), 'Engineered Safety Features Actuation System' (ESFAS), 'Support System Compressed Air' (SSCA) or 'Cooling Water' (UHS) support at least one of the five safety functions. However, the specific safety function(s) is not identified as identification of the specific safety function(s) is not required by Reference 1.

The resultant equipment list after Screen #3 is defined in the EPRI guidance document as Base List 1 and is included in Appendix B. (Ref. 1)

4. **Screen #4 – Sample Considerations**

This screen is intended to result in a SWEL 1 that sufficiently represents a broad population of plant Seismic Category 1 (Class I) equipment and systems to meet

the objectives of the NRC 50.54(f) letter. The following attributes were considered in the selection process for items included on SWEL 1:

A. A variety of types of systems

The system is identified for each item on SWEL 1. The equipment included on SWEL 1 is a representative sample of several systems that perform one or more safety functions. Further, the systems represented include both frontline and support systems as listed in Reference 1 Appendix E: Systems to Support Safety Function(s).

B. Major new and replacement equipment

The equipment included on SWEL 1 includes items that have been modified or replaced over the past several years. Each item on SWEL 1 that is new or replaced is identified.

C. A variety of types of equipment

The equipment class is identified for each item on SWEL 1. The equipment included on SWEL 1 is a representative sample from each of the classes of equipment listed in Reference 1 Appendix B: Classes of Equipment. Where appropriate, at least one piece of equipment from each class is included on SWEL 1.

Screening #1, #2, and #3 resulted in no equipment in the following classes:

- (13) Motor Generators
- (19) Temperature Sensors.

D. A variety of environments

The location for each item is identified on SWEL 1. The equipment included on SWEL 1 is a representative sample from a variety of environments (locations) in the station.

E. Equipment enhanced due to vulnerabilities identified during the IPEEE program.

The equipment included on SWEL 1 includes items that were enhanced as a result of the IPEEE program. Each item on SWEL 1 that was enhanced as a result of the IPEEE effort is identified.

F. Contribution to risk

In selecting items for SWEL 1 that met the attributes above, some items with similar attributes were selected based on their higher risk-significance. To determine the relative risk-significance, the Risk Achievement Worth (RAW) and Fussell-Vesely importance for a Loss of Off-Site Power (LOOP) scenario from the internal plant PRA were used. Additionally, the list of risk-significant components for the LOOP PRA were compared with the draft SWEL 1 to confirm that a reasonable sample of risk-significant components (relevant for a seismic event) were included on SWEL 1. (Ref. 8)

4.2.2 SWEL 2 – Spent Fuel Pool Related Items

The process for selecting a sample of SSCs associated with the spent fuel pool (SFP) began with a review of the station design and licensing basis documentation for the

SFP and the interconnecting SFP cooling system. The following four screens narrowed the scope of SSCs to be included on the second Seismic Walkdown Equipment List (SWEL 2):

1. Screen #1 - Seismic Category 1

Only those items identified as Seismic Category 1 (Class I) are to be included on SWEL 2 with exception of the SFP structure. As described in Reference 1, the adequacy of the SFP structure is assessed by analysis as a Seismic Category 1 (Class I) structure. Therefore, the SFP structure is assumed to be seismically adequate for the purposes of this program and is not included in the scope of items included on SWEL 2.

Per the Three Mile Island UFSAR Chapter 5, portions of the SFP system is Class I and screen into the SWEL 2 list. These Class I SSCs include: spent fuel pumps, heat exchangers, all process and instrument piping and valves, etc. (Ref. 2)

Reference 9 was also utilized to develop the list of components to be included on SWEL 2. Items with a QA Class of "Q" were added for further consideration for inclusion on SWEL 2. QA Class "Q" items are defined as Safety Related Equipment/Component.

2. Screen #2 – Equipment or Systems

This screen considers only those items associated with the SFP that are appropriate for an equipment walkdown process.

3. Screen #3 – Sample Considerations

This screen represents a process that was intended to result in a SWEL 2 that sufficiently represents a population of SFP Seismic Category I (Class I) equipment and systems to meet the objectives of the NRC 50.54(f) letter. The following attributes to be considered in the development of SWEL 2:

A. A variety of types of systems

Two systems are identified for the items on SWEL 2. The equipment included on SWEL 2 is a representative sample of the systems associated with the SFP and its cooling system.

B. Major new and replacement equipment

No such equipment has been identified.

C. A variety of types of equipment

The equipment class is identified for each item on SWEL 2. The equipment included on SWEL 2 is a representative sample from each of the classes of equipment listed in Reference 1 Appendix B: Classes of Equipment. Where appropriate, at least one piece of equipment from each class is included on SWEL 2.

The classes/types of equipment include; (0) Other (manual valves), (01) Motor Control Centers and Wall-Mounted Contactors, (05) Horizontal Pumps, (21) Tanks and Heat Exchangers, (18) Instrument Racks, and (07) Pneumatic Operated Valves.

D. A variety of environments

The location for each item is identified on SWEL 2. The equipment included on SWEL 2 is a representative sample from a variety of environments (locations) for equipment associated with the SFP and its cooling system. All but one item are in the Fuel Handling Building.

4. **Screen #4 – Rapid Drain-Down**

This screen identifies items that could allow the spent fuel pool to drain rapidly. Consistent with Reference 1, the scope of items included in this screen is limited to the hydraulic lines connected to the SFP and the equipment connected to those lines. For the purposes of this program it is assumed the SFP gates are installed and the SFP cooling system is in its normal alignment for power operations. The SFP gates are passive devices that are integral to the SFP. As such, they are considered capable of withstanding a design basis earthquake without failure and do not allow for a rapid drain-down of the SFP.

The SSCs identified in this screen are not limited to Seismic Category 1 (Class I) items, but is limited to those items that could allow rapid drain-down of the SFP. Rapid drain-down is defined as lowering of the water level to the top of the fuel assemblies within 72 hours after the earthquake.

Excerpts from the TMI Unit 1 UFSAR 9.4 Description state:

“The most serious failure of the Spent Fuel Cooling System would be complete loss of water from both spent fuel storage pools. To protect against this possibility, the cooling water inlet and outlet connections to spent fuel pool B all enter slightly below, or at, the normal water level in the pool.

Fuel pool A has a drain connection from the spent fuel cooling system extending downward from elevation 330 ft (10 ft above the top of fuel stored in this pool) to 2 inches above the bottom of the pool. This line has a siphon breaker with a normally locked open valve to prevent water from siphoning from the pool below elevation 330 ft in the highly unlikely event that the line should break outside the pool.”

The Class I spent fuel cooling system shown in Drawing 302-630 consists of two complete cooling trains. (Ref. 4) With the exception of the A Spent Fuel Pool drain line, the spent fuel system piping arrangement precludes siphoning with connections just below the normal water level.

As stated in the TMI UFSAR, fuel pool A has a drain connection from the spent fuel cooling system extending downward from elevation 330 ft (10 ft above the top of fuel stored in this pool) to 2 inches above the bottom of the pool. Per Reference 4, there is an anti-siphon valve, SF-V-48, in this drain line upstream of the manual isolation valve SF-V-38. Downstream of valve SF-V-38, there are no other valves until manual valve SF-V-37, which isolates the drain from the suction of the Borated Water Recirculation Pump. A Rapid Drain Down transient is possible during the draining of Fuel Pool A. Therefore, manual valves SF-V-37, SF-V-38, and SF-V-48 are included in the SWEL 2 list. Further analysis may determine a failure of the A Fuel Pool drain line is not credible or the flow rate is limited to the extent that any fuel elements in the A Fuel Pool remain appropriately immersed. However, including these components in the seismic walkdown is prudent to ascertain the seismic capacity of this flow path.

5

Seismic Walkdowns and Area Walk-Bys

5.1 OVERVIEW

Seismic Walkdowns and Area Walk-Bys were conducted by two (2) person teams of trained Seismic Walkdown Engineers (SWEs), in accordance with the EPRI guidance document during the weeks of August 13, 2012 and August 24, 2012. The Seismic Walkdowns and Area Walk-Bys are discussed in more detail in the following sub-sections.

Consistent with the EPRI guidance document, Section 4: Seismic Walkdowns and Area Walk-Bys, the SWEs used their engineering judgment, based on their experience and training, to identify potentially adverse seismic conditions. Where needed, the engineers were provided the latitude to rely upon new or existing analyses to inform their judgment.

The SWEs conducted the Seismic Walkdowns and Area Walk-Bys together as a team. During the evaluations, the SWEs actively discussed their observations and judgments with each other. The results of the Seismic Walkdowns and Area Walk-Bys reported herein are based on the comprehensive agreement of the SWEs.

5.2 SEISMIC WALKDOWNS

The Seismic Walkdowns focused on the seismic adequacy of the items on the SWEL (SWEL 1 and SWEL 2) as provided in Appendix B of this report. The Seismic Walkdowns also evaluated the potential for nearby SSCs to cause adverse seismic interactions with the SWEL items. The Seismic Walkdowns focused on the following adverse seismic conditions associated with the subject item of equipment:

- Adverse anchorage conditions
- Adverse seismic spatial interactions
- Other adverse seismic conditions

The results of the Seismic Walkdowns have been documented on the Seismic Walkdown Checklist (SWC) provided in the EPRI guidance document, Appendix C. Seismic Walkdowns were performed and a SWC completed for 91 of the 106 items identified on the TMI Unit 1 SWEL. This includes five (5) deferred items that were inspected the week of August 24, 2012 during the unit outage. The completed SWCs are provided in Appendix C of this report. Additionally, photos have been included with most SWCs to provide a visual record of the item along with any comments noted on the SWC. Drawings and other plant records are cited in some of the SWCs, but are not included with the SWCs because they are readily retrievable documents through the station's document management system. Information on anchorage that was obtained from the previously performed Seismic Qualification Utility Group (SQUG) walkdowns are included in the SWCs since this information, in part, was used for the anchorage verification.

Seismic Walkdowns for the remaining 15 components were deferred. These components are configured with anchorage that is internal to the component and it was not opened to allow for inspection of the anchorage. Anchorage inspections for these items will be completed at a later time when the equipment is accessible. Appendix E of this report identifies the deferred equipment along with the plan for future Seismic Walkdowns.

The following subsections describe the approach followed by the SWEs to identify potentially adverse anchorage conditions, adverse seismic interactions, and other adverse seismic conditions during the Seismic Walkdowns.

5.2.1 Adverse Anchorage Conditions

Guidance for identifying anchorage that could be degraded, non-conforming, or unanalyzed relied on visual inspections of the anchorage and verification of anchorage configuration. Details for these two types of evaluations are provided in the following two subsections.

The evaluation of potentially adverse anchorage conditions described in this subsection applies to the anchorage connections that attach the identified item of equipment to the civil structure on which it is mounted. For example, the welded connections that secure the base of a Motor Control Center (MCC) to the steel embedment in the concrete floor would be evaluated in this subsection. Evaluation of the connections that secure components within the MCC is covered later in the subsection "Other Adverse Seismic Conditions."

Visual Inspections

The purpose of the visual inspections was to identify whether any of the following potentially adverse anchorage conditions were present:

- Bent, broken, missing, or loose hardware
- Corrosion that is more than mild surface oxidation
- Visible cracks in the concrete near the anchors
- Other potentially adverse seismic conditions

Based on the results of the visual inspection, the SWEs judged whether the anchorage was potentially degraded, non-conforming, or unanalyzed. The results of the visual inspection were documented on the SWC, as appropriate. If there was clearly no evidence of degraded, nonconforming, or unanalyzed conditions, then it was indicated on the checklist and a licensing basis evaluation was not necessary. However, if it was not possible to judge whether the anchorage is degraded, nonconforming, or unanalyzed, then the condition was entered into the Corrective Action Program (CAP) as a potentially adverse seismic condition.

5.2.2 Configuration Verification

In addition to the visual inspections of the anchorage as described above, the configuration of the installed anchorage was verified to be consistent with existing plant documentation for at least 50% of the items on the SWEL.

Line-mounted equipment (e.g., valves mounted on pipelines without separate anchorage) was not evaluated for anchorage adequacy and was not counted in establishing the 50% sample size.

Examples of documentation that was considered to verify that the anchorage installation configurations are consistent with the plant documentation include the following:

- Design drawings
- Seismic qualification reports of analyses or shake table tests
- IPEEE or USI A-46 program documentation, as applicable

The Table C-1 of Appendix C indicates the anchorage verification status for components as follows:

N/A: components that are line-mounted and/or are not directly anchored (with separate anchorage) to the civil structure and therefore do not count in the anchorage confirmation total

Y: components that are anchored to the civil structure which were confirmed to be consistent with design drawings and/or other plant documentation

N: components that are anchored to the civil structure for which anchorage drawings were not identified and/or retrieved

See Table 5-1 below for the accounting of the 50% anchorage configuration confirmations, and the individual SWC forms in Appendix C for the specific drawings used for each anchorage verification confirmation.

Table 5-1. Anchorage Configuration Confirmation

SWEL	No. of SWEL Items (A)	N/A Items (B)	Required to Confirm? (A-B)/2	Items Confirmed
Total	106	27	40	58

5.2.3 Adverse Seismic Spatial Interactions

An adverse seismic spatial interaction is the physical interaction between the SWEL item and a nearby SSC caused by relative motion between the two during an earthquake. An inspection was performed in the area adjacent to and surrounding the SWEL item to identify any seismic interaction conditions that could adversely affect the capability of that SWEL item to perform its intended safety-related functions.

The three types of seismic spatial interaction effects that were considered are:

- Proximity
- Failure and falling of SSCs (Seismic II over I)
- Flexibility of attached lines and cables

Detailed guidance for evaluating each of these types of seismic spatial interactions is described in the EPRI guidance document, Appendix D: Seismic Spatial Interaction.

The Seismic Walkdown Engineers exercised their judgment to identify seismic interaction hazards. Section 5.2.5 provides a summary of issues identified during the Seismic Walkdowns.

5.2.4 Other Adverse Seismic Conditions

In addition to adverse anchorage conditions and adverse seismic interactions, described above, other potentially adverse seismic conditions that could challenge the seismic adequacy of a SWEL item could have been present. Examples of the types of conditions that could pose potentially adverse seismic conditions include the following:

- Degraded conditions
- Loose or missing fasteners that secure internal or external components to equipment
- Large, heavy components mounted on a cabinet that are not typically included by the original equipment manufacturer
- Cabinet doors or panels that are not latched or fastened
- Other adverse conditions

Any identified other adverse seismic conditions are documented on the items' SWC, as applicable.

5.2.5 Conditions Identification during Seismic Walkdowns

Table 5-2 provides a summary of conditions identified during the equipment Seismic Walkdowns. The equipment Seismic Walkdowns resulted in a total of eleven (11) conditions identified and each of these was entered into the station's Corrective Action Program (CAP).

One (1) condition (IR 1400723) was determined to be a potential adverse seismic condition for which the component (AH-E-18B) was declared inoperable. Further evaluation completed through the CAP concluded the as-found condition was degraded though capable of withstanding seismic loads and performing its design function(s). Due to the nature of this condition it was concluded the condition was an adverse seismic condition. The condition was addressed via work order (M2310468) to correct the as-found condition to the design configuration.

The remaining ten (10) conditions were assessed and it was concluded that the conditions were not adverse seismic conditions.

5.3 AREA WALK-BYS

The purpose of the Area Walk-Bys is to identify potentially adverse seismic conditions associated with other SSCs located in the vicinity of the SWEL items. Vicinity is generally defined as the room containing the SWEL item. If the room is very large (e.g., Turbine Hall), then the vicinity is identified based on judgment, e.g., on the order of about 35 feet from the SWEL item. This vicinity is described on the Area Walk-By Checklist (AWC), shown in Appendix D of this report. A total of 42 AWCs were

completed for TMI Unit 1. It is noted that additional AWCs will be completed as deferred and supplemental inspections are completed.

The key examination factors that were considered during Area Walk-Bys include the following:

- Anchorage conditions (if visible without opening equipment)
- Significantly degraded equipment in the area
- A visual assessment (from the floor) of cable/conduit raceways and HVAC ducting (e.g., condition of supports or fill conditions of cable trays)
- Potentially adverse seismic interactions including those that could cause flooding, spray, and fires in the area
- Other housekeeping items that could cause adverse seismic interaction (including temporary installations and equipment storage)
- Scaffold construction was inspected to meet Exelon Procedure NES-MS-04.1, Seismic Prequalified Scaffolds
- Seismic housekeeping was examined to meet station procedure AP 1015, Equipment Storage Inside Class I Buildings

The Area Walk-Bys are intended to identify adverse seismic conditions that are readily identified by visual inspection, without necessarily stopping to open cabinets or taking an extended look. Therefore, the Area Walk-By took significantly less time than it took to conduct the Seismic Walkdowns described above for a SWEL item. If a potentially adverse seismic condition was identified during the Area Walk-By, then additional time was taken, as necessary, to evaluate adequately whether there was an adverse condition and to document any findings.

The results of the Area Walk-Bys are documented on the AWCs included in Appendix D of this report. A separate AWC was filled out for each area inspected. A single AWC was completed for areas where more than one SWEL item was located.

Additional details for evaluating the potential for adverse seismic interactions that could cause flooding, spray, or fire in the area are provided in the following two subsections.

Seismically-Induced Flooding/Spray Interactions

Seismically-induced flooding/spray interactions are the effect of possible ruptures of vessels or piping systems that could spray, flood or cascade water into the area where SWEL items are located. This type of seismic interaction was considered during the IPEEE program. Those prior evaluations were considered, as applicable, as information for the Area Walk-Bys.

One area of particular concern to the industry is threaded fire protection piping with long unsupported spans. If adequate seismic supports are present or there are isolation valves near the tanks or charging sources, flooding may not be a concern. Numerous failures have been observed in past earthquakes resulting from sprinkler head impact. Less frequent but commonly observed failures have occurred due to flexible headers and stiff branch pipes, non-ductile mechanical couplings, seismic anchor motion and failed supports.

Examples where seismically-induced flooding/spray interactions could occur include the following:

- Fire protection piping with inadequate clearance around fusible-link sprinkler heads
- Non-ductile mechanical and threaded piping couplings can fail and lead to flooding or spray of equipment
- Long, unsupported spans of threaded fire protection piping
- Flexible headers with stiffly supported branch lines
- Non-Seismic Category I tanks

The SWEs exercised their judgment to identify only those seismically-induced interactions that could lead to flooding or spray.

Seismically-Induced Fire Interactions

Seismically-induced fire interactions can occur when equipment or systems containing hazardous/flammable material fail or rupture. This type of seismic interaction was considered during the IPEEE program. Those prior evaluations were considered, as applicable, as information for the Area Walk-Bys.

Examples where seismically-induced fire interactions could occur include the following:

- Hazardous/flammable material stored in inadequately anchored drums, inadequately anchored shelves, or unlocked cabinets
- Natural gas lines and their attachment to equipment or buildings
- Bottles containing acetylene or similar flammable chemicals
- Hydrogen lines and bottles

Another example where seismically-induced fire interaction could occur is when there is relative motion between a high voltage item of equipment (e.g., 4160 volt transformer) and an adjacent support structure when they have different foundations. This relative motion can cause high voltage busbars, which pass between the two, to short out against the grounded bus duct surrounding the busbars and cause a fire.

The Seismic Walkdown Engineers exercised their judgment to identify only those seismically-induced interactions that could lead to fires.

5.3.1 Conditions Identification during Area Walk-bys

Table 5-3 at the end of this section provides a summary of the conditions identified during the Area Walk-Bys. Eight (8) conditions were identified during the Area Walk-Bys and entered into the station CAP. No potentially adverse seismic conditions were identified that resulted in a seismic licensing basis evaluation. No seismically-induced flooding or spray interactions were identified during the Area Walk-Bys. No seismically-induced fire interactions were identified during the Area Walk-Bys.

5.4 SUPPLEMENTAL INFORMATION ON ELECTRICAL CABINET INSPECTIONS

Following the completion of the online seismic walkdowns, the industry was made aware that the NRC staff had clarified a position on opening electrical cabinets to inspect for other adverse seismic conditions. The purpose for opening these cabinets is to inspect for evidence of:

- internal components not being adequately secured,

- whether fasteners securing adjacent cabinets together are in place, and
- other adverse seismic conditions.

Appendix E of this report includes Table E-2 which identifies components in the specified equipment classes that would be considered as electrical cabinets:

1. Motor Control Centers and Wall-Mounted Contactors
2. Low Voltage Switchgear and Breaker Panels
3. Medium Voltage, Metal-Clad Switchgear
4. Transformers
14. Distribution Panels and Automatic Transfer Switches
16. Battery Chargers and Inverters
20. Instrumentation and Control Panels

Components that are identified on Table E-1 (inaccessible and deferred components) are not listed on Table E-2 to avoid redundancy. Table E-2 indicates internal accessibility of each cabinet. Cabinets that have been identified as requiring these supplemental internal inspections are those with doors or panels with latches or thumbscrews and can be readily opened during normal maintenance activities. Also provided for each cabinet is a proposed milestone schedule for performing these internal inspections and the associated station tracking number (IR number).

The Seismic Walkdown Checklists (SWC) for the components identified in Table E-2 that can be opened for internal inspections will be revised at the time of the supplemental walkdown to indicate the results of these internal inspections.

Table 5-2. Conditions Identified during Seismic Walkdowns

Item ID	Description of Issue	Action Request ID (IR)	Actions Complete Yes/No ^(1, 2)
SF-V-35	The tightness of one baseplate bolt (out of four) was in question for a wall mounted pipe support above SF-V-35. Bolt appears to be loose.	1401220	Yes
RR-V-6	The handwheel on valve RR-V-6 appears to be slightly bent.	1400293	Yes
NR-V-0001B	The electrical armored cable elbow fitting at the operator motor for NR-V-1B valve is slightly loose.	1402599	Yes
NR-P-0001B	Document inconsistency for NR pumps upper restrains that where no longer installed.	1401674	Yes
IS-480V-ES-SWGR	A single end cover plate fastener (bolt) was discovered to be loose on the 1S-480 Volt Switchgear	1401212	No
IB DG CNPL	No labels were found for DIESEL GEN 1B ENGINE CONT RELAY PANEL and DIESEL GEN 1A ENGINE CONT RELAY PANEL	1400590	Yes
EED-B-1B	The gap between the battery rack end-rails and the Battery No. 33 was not as tight as the others.	1401981	Yes
DH-V-0005B	Boron deposits on the bonnet to valve bolting (carbon steel) with minor corrosion indications. BACC program to investigate if previously identified packing leaks (IR 426184) included the effects on the bolting.	1401947	Yes
DF-P-0001B	The electrical conduit elbow for the DF-P-1B pump is slightly loose.	1400586	Yes
AH-E-18B	Missing bolts on the AH-E-18B fan support frame. No bolts where present at the south side (3 holes) and only two bolts out of three were present at the north side.	1400723	Yes
1B-480-V-ES-SWGR	A screw fastener was discovered missing from the north end cover panel of the Motor Control Center (MCC).	1401217	Yes

Notes:

- 1) "Yes" indicates that any corrective actions resulting from the issue are complete
- 2) "No" indicates that any corrective actions resulting from the issue are NOT complete. Actions are tracked by the IR number in the station Corrective Action Program.

Table 5-3. Conditions Identified during Area Walk-Bys

Item ID	Description of Issue	Action Request ID (IR)	Actions Complete Yes/No ^(1, 2)
Area 1: IA-T-0019 Room	Instrumentation tubing support configuration associated with BS-PS-286/933 utilizes unistrut direct attachment supports with a single concrete expansion anchor	1402062	Yes
Area 10: IB-480V-ESV Room	An open conduit cover with 480V wire exiting conduit was observed on top of 1A RADWASTE 480V Motor Control Center (MCC).	1402066	Yes
Area 13: Intermediate Closed Pump Area	The upper wall mounting clamp on instrument line for FW-V-1073 was not attached to the line and the lower clamp was misaligned.	1400290	Yes
Area 15: Shielded Area	Discovered a pair of blue-handled pliers apparently abandoned on the valve to bonnet flange, DH-V-5B. The valve is within a contaminated area.	1401978	Yes
Area 23: Relay Room	Electrical power cord (extension) that came out from the Relay Room Catwalk (near XCR cabinet) and did not seem to have any additional restraint / tie-off.	1401695	Yes
Area 24: 1B Inverter Room	EED-PNL-1J, located in the Control Building B Inverter Room was found to have the door secured in the closed position with two short strips of yellow and black caution tape.	1402668	Yes
Area 39: RB 308 West	An electrical Conduit Cover near MS-PT-1184 was found to be open and held with one bolt out of two. Second bolt was missing.	1404814	No
Area 17: Chiller Room Area 20: ESAS Room Area 23: Relay Room	Light fixtures located at the center and SW side of the ESAS room, at the center and SW side of the chillers room, and near the XCLA cabinet where observed to have open S-Hooks. No seismic interaction concern.	1401692	Yes

Notes:

- 1) "Yes" indicates that any corrective actions resulting from the issue are complete
- 2) "No" indicates that any corrective actions resulting from the issue are NOT complete. Actions are tracked by the IR number in the station Corrective Action Program.

6

Licensing Basis Evaluations

The EPRI guidance document, Section 5: Seismic Licensing Basis Evaluation provides a detailed process to perform and document seismic licensing basis evaluations of SSCs identified when potentially adverse seismic conditions are identified. The process provides a means to identify, evaluate and document how the identified potentially adverse seismic condition meets a station's seismic licensing basis without entering the condition into a station's Corrective Action Program (CAP). In lieu of this process, Exelon/TMI utilized the existing processes and procedures (Site CAP Expectations) to identify, evaluate and document conditions identified during the Seismic Walkdowns.

In accordance with Exelon/TMI processes and procedures, all questionable conditions identified by the SWEs during the walkdowns were entered into the station CAP to be further evaluated and addressed as required. The SWEs provided input to support the identification and evaluation (including seismic licensing basis evaluations, as required) of the potentially adverse seismic conditions entered into the CAP. The station corrective action program is a more robust process than that provided in the EPRI guidance document; in part, ensuring each condition is properly evaluated for conformance with design and licensing bases and corrected as required.

Conditions identified during the walkdowns were documented on the SWCs, AWCs, and entered into the CAP. For those conditions that required, seismic licensing basis evaluations were completed and documented within the IR. Tables 5-2 and 5-3 in the report provide the IR number, a summary of the condition, and the action completion status.

7

IPEEE Vulnerabilities Resolution Report

Per the Individual Plant Examination of External Events (IPEEE) Submittal for TMI Unit 1 and the NRC Staff Evaluation Report of the IPEEE, vulnerability was defined as any core damage sequence greater than $1 \times 10^{-4}/\text{yr}$ or any containment bypass or large early containment failure greater than $1 \times 10^{-6}/\text{yr}$. (Ref. 3 and 7) As a result of the seismic PRA analysis, no vulnerabilities were identified. However, plant improvements were identified in Section 7 of Reference 3. Table G-1 in Appendix G lists the plant improvements, the IPEEE proposed resolution, the actual resolution and resolution date. No open items exist as a result of the seismic portion of the IPEEE program.

8

Peer Review

A peer review team consisting of at least two individuals was assembled and peer reviews were performed in accordance with Section 6: Peer Reviews of the EPRI guidance document. The Peer Review process included the following activities:

- Review of the selection of SSCs included on the SWEL
- Review of a sample of the checklists prepared for the Seismic Walkdowns and Area Walk-Bys
- Review of Licensing basis evaluations, as applicable
- Review of the decisions for entering the potentially adverse conditions into the CAP process
- Review of the submittal report
- Provide a summary report of the peer review process in the submittal report

The peer reviews were performed independently from this report and the summary Peer Review Report is provided in Appendix F of this report.

9

References

Reference drawings related to SWEL items are provided in the Seismic Walkdown Checklists and if applicable, in the Area-Walkdown Checklists.

- 1 EPRI Technical Report 1025286, Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic, dated June 2012.
- 2 Three Mile Island UFSAR (Current Through Revision 21) dated April 2012
- 3 TMI Unit 1 Individual Plant Examination for External Events (IPEEE), dated December 1994
- 4 Three Mile Island Station Drawing 302-630 Rev. 32, Spent Fuel Cooling System
- 5 NRC (E Leeds and M Johnson) Letter to All Power Reactor Licensees et al., "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendation 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," Enclosure 3, "Recommendation 2.3: Seismic," dated March 12, 2012
- 6 "Recommendations for Enhancing Reactor Safety in the 21st Century: The Near-term Task Force Review of Insights from the Fukushima Dai-ichi Accident," ADAMS Accession No. ML11186107, July 12, 2011
- 7 Staff Evaluation Report of Individual Plant Examination of External Events (IPEEE) submittal of Three Mile Island Unit 1 dated July 9, 1999
- 8 Internal RM Document RM-MISC-018, Rev. 0, Risk Ranking to Support NTTF 2.3 Seismic Walkdowns
- 9 Three Mile Island Three Mile Island Excel Spreadsheet titled: "Q_Class_Components_with_Function.xls"
- 10 Three Mile Island Excel Spreadsheet titled: "TMI-1 A-46 SSEL.xls"

A

Project Personnel Resumes and SWE Certificates

Resumes and certificates (where applicable) for the following people are found in Appendix A:

K. Hull, Equipment Selection Engineer	A-2
T. Ram, Equipment Selection Engineer	A-5
A. Perez, SWEL Peer Reviewer	A-7
J. Lopez-Ferrer, SWE, Licensing Basis Reviewer, IPEEE Reviewer.....	A-11
S. Baker, SWE, Licensing Basis Reviewer.....	A-15
M. Etre, SWE, Licensing Basis Reviewer.....	A-18
T. Bacon, Peer Reviewer	A-21
W. Djordjevic, Peer Review Team Leader	A-26

KIM L. HULL

BACKGROUND SUMMARY

Accomplished **Lead Engineer/ Project Manager** with significant experience in commercial nuclear power industry. Demonstrated ability to lead and contribute on cross-functional project teams. Possess strong analytical, problem resolution, collaboration, and communication skills when interacting with diverse audiences including regulatory inspectors, internal inspectors, management, and employees. Respected trainer with ability to develop and present information and measure effectiveness through evaluation techniques. Strengths include:

Project Management	Design Modifications	Plant Operational Support
Procurement	Management/Leadership	Regulatory Compliance
Training/Coaching	Auditing	Inspections

KEY ACCOMPLISHMENTS

- Served as KNPP Lead Engineer/ Project Supervisor for approximately 125 plant design changes.
- Experienced in all aspects of nuclear power plant modification packages including development of calculations, design, engineering, and procurement specifications.
- Thorough understanding of configuration control, management, and preparation of 10CFR50.59 analyses.
- Participated in several regulatory and industry audits, including CDBI and INPO assessments.
- Experienced as a Technical Specialist performing NUPIC Audits.
- Well-developed communication skills for preparing technical presentations including lesson plans, project reports, and meetings in support of regulatory activities and inspections.
- Qualified Shift Technical Advisor for KNPP Operations Group (1980s).

PROFESSIONAL EXPERIENCE

STEVENSON & ASSOCIATES – Project Manager **2010 - Current**
National consulting engineering firm specializing in civil, structural and mechanical engineering for power, industrial and advanced technology facilities.

Project Manager

- Development of plant specific Seismic Walkdown Equipment Lists for multiple Units in response to NRC 50.54(f) requirements regarding Recommendation 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident,” Enclosure 2.3, “Recommendation 2.3: Seismic.”
- Onsite at Kewaunee Power Station Consultant support to resolve Q-list Open Items
- On-site at Kewaunee Power Station Consultant support for Auxiliary Feedwater Flow Control Modification including preparation and review of design documentation.

WISCONSIN PUBLIC SERVICE RESOURCES / Nuclear Management Company
DOMINION ENERGY - Kewaunee, WI

1982 to 2010

Senior Instructor (Maintenance) (2009 - 2010)

- Developed lesson plans and taught Basic Systems and Continuing Training Topics for Engineering and Technical Support training program.

Engineer III/Principal Engineer (2004 - 2009)

- Responsible for modifications and emergent issues including Steam Exclusion Boundaries, Fuel Transfer Carriage, Frazil Ice development on the KPS Circulating Water Intake, and NRC 96-06 Two Phase flow.
- Member of Dominion Fleet Calculation Quality Review Team and Mentor for Calculation training.
- Outage nightshift Lead Mechanical Design Engineer/Back-up Supervisor.
- KPS Engineering representative on the Independent Review Team developed to address CDBI

inspection findings. Assigned to review all calculations, modification packages, 10CFR 50.59 screenings, evaluations, and procurement packages.

- Technical Instructor for Administrative Process training for new engineers.

Mechanical Design Supervisor (2002 - 2004)

- Supervised nine engineers, analysts, and technicians assigned to the KNPP Mechanical Design Group.
- Provided Mechanical Design Oversight for all vendor activities impacting KNPP Mechanical Design Bases.
- Provided support for emergent plant issues, NRC Inspections, and Physical Change Packages.
- Subject Matter Expert Instructor for 10CFR 50.59 process training for new engineers.

Principal Engineer (Analytical Group SGR Project) (1998 - 2002)

- Contract Manager for Steam Generator Replacement (SGR).
- Responsible for coordination of SGE design, fabrication and installation contracts.
- Provided outage schedule development, coordination, and work process integration between Bechtel and KNPP.
- Coordinated contractor mobilization, badging, and plant specific training.
- Technical Specialist for Quality Assurance audits of vendors.
- SGR Shift Manager for night shift
- Responsible Engineer for SGR related Physical Change Packages.
- Responsible for SGR budget development up to 1998.
- Prepared, reviewed, and awarded Bechtel Installation contract.
- Participated in review and award of Ansaldo Fabrication contract.
- Served on team to review and award Westinghouse Design contract.
- Selected to work at Arkansas Nuclear One for their steam generator installation.

Senior Engineer (Analytical Group) (1994–1998)

- Responsible Engineer for Physical Change Packages.
- Member KNPP Engineering Reorganization Team.
- Recognized Technical Expert for KNPP systems.

Senior Project Supervisor (1992–1994)

- Provided project management and engineering services for KNPP DCR packages.
- Supervisor of KNPP NPM Project Attendants responsible for modification package organization and close out.

Nuclear Services Supervisor (1991–1992)

- Supervised initial Steam Generator replacement project effort.
- Provided specification development for services and major plant components.

Prior to 1992 – Held engineering positions from Associate Engineer to Nuclear Design Engineering Supervisor.

EDUCATION

Masters Program Coursework - Mechanical Engineering; Michigan State University - E. Lansing, MI

B.S. - Mechanical Engineering - Michigan State University - E. Lansing, MI

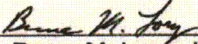
B.A. - Biology - Albion College - Albion, MI

Certificate of Completion

Kim Hull

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns

 (16 PDH)
Bruce M. Lory - Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12

Tribhawan Ram

EDUCATION:

B.S. - Electrical Engineering, Punjab University, India, 1972
M.S. - Electrical Engineering, University of Cincinnati, 1977
M.S. - Nuclear Engineering, University of Cincinnati, 1982
M.B.A. - Bowling Green State University, 1996

PROFESSIONAL REGISTRATION:

State of Ohio

PROFESSIONAL HISTORY:

Stevenson & Associates, Inc., Senior Engineer, 2011 - present
Public Service Electric & Gas Co., Senior Plant Systems Engineer, Hancock Bridge, NJ, 2007 - 2011
Entergy Corporation, Plymouth, Massachusetts, Senior Design Engineer, 2002-2007
Various Companies, Contract Consulting Project Engineer, 1996 - 2002
Public Service Electric & Gas Co., Senior Staff Engineer, Hancock Bridge, NJ, 1983-1990
Toledo Edison Co., Toledo, Ohio, Senior Assistant Engineer, Associate Engineer, 1978-1983

PROFESSIONAL EXPERIENCE:

- Electrical and Controls Design Engineering
- Plant Systems Engineering
- Transformer and Relay(s) Spec Developer
- Plant Modification Engineering
- Systems and Component Test Engineering
- Factory Testing Witness
- 6 Month BWR Systems Engineering Training
- ETAP Trained
- Arc Flash IEEE 1584 Trained

Mr. Ram has over 28 years of electrical project, design and systems engineering experience in US nuclear plants. As part of the Seismic Margin Analysis (SMA) team, in 2012, Mr. Ram is leading the electrical engineering EPRI methodology effort to perform Post-Fukushima relay list development and evaluation to support Safe Shutdown Equipment List (SSEL), including relay functional screening and chatter analysis, for Taiwan nuclear plants (both PWR and BWR). In this effort, he is preparing the final reports including recommendations to replace any bad actor relays. Mr. Ram is preparing proposals to replace these bad actors including modification package development for field replacement of these relays. He has prepared proposals to lead similar forthcoming relay evaluation efforts for several Westinghouse plants in the USA. Mr. Ram has either prepared or peer reviewed the Seismic Walkdown Equipment Lists (SWEL 1 & 2) for several Exelon Plants.



As a senior plant systems engineer, Mr. Ram has: 1. Developed several test plans for modification packages for the replacement of low and medium voltage circuit breakers (ABB K-Line to Square D Masterpact; GE Magneblast to Wyle Siemens) and for the replacement of the entire Pressurizer Heater Bus switchgear; 2. Personally been involved in execution of these test plans during refueling outages; 3. Witnessed factory testing of Pressurizer Heater Bus Switchgear; 4. Interfaced with NRC in their biennial Component Design Basis Inspections (CDBI); Interfaced with INPO in their biennial evaluations; 5. Developed and executed Performance Centered Maintenance (PCM) strategies for Motor Control Centers (MCCs) and low and medium voltage circuit breakers and switchgear; 6. Developed and executed margin improvement strategies for pressurizer heater busses, for twin units, through obtaining funds and then equipment replacement; 7. Developed refueling outage scoping for low and medium voltage circuit breakers and MCCs through working with outage group, maintenance, operations, and work MGMT; 8. Resolved breaker grease hardening issue for ABB K-Line breakers, over a two year period, through working with maintenance and work MGMT in implementing accelerated overhauls with better grease; 9. Trained operations and engineering personnel in the Engaging People and Behavior Change process, as part of a case study team and; 10. Resolved day to day operations and maintenance issues with systems of responsibility (low and medium voltage systems)

Mr. Ram has regularly participated in the EPRI annual circuit breaker user group conferences; at the 2011 meeting, he made a presentation on circuit breaker as found testing vis-à-vis protection of equipment, cables, and containment penetrations, and selective coordination preservation.

As a Senior Design Engineer, Mr. Ram has: 1. Developed specifications and procured 345/4.16/4.16 kV and 23/4.16/4.16 kV transformers (ranging up to \$1.25 million); 2. Prepared a modification package to install the 23 kV/4.16 kV/4.16 kV transformer, including leading the project team to get this transformer successfully installed, tested, and placed in service; 3. Developed ETAP scenarios and performed load flow studies to successfully support the 2006 INPO evaluation; 4. Performed arc flash calculations per IEEE 1584 methodology for 4 kV, 480V Load Centers, and MCCs, enabling a justification of reduced arc flash rated clothing, thereby allowing conversion of OUTAGE PMs into ONLINE PMs and; 5. Performed single point system vulnerability analysis.

As a Consulting Lead Project Engineer, Mr. Ram was heavily involved in resolution of the USI A-46 for several plants. He performed an extensive review of dozens of control circuits for relay chattering issues. To replace bad relay actors, Mr. Ram developed and/or supervised the development of many modification packages including: selection of replacement relays (both protective and auxiliary); preparation of relay testing specification with civil engineering input; working with and visiting seismic testing facilities for relay qualification and; developing pre and post installation instructions including test procedures. He worked closely with teams consisting of maintenance, operations, and work MGMT during the development and implementation of these projects. Besides the A-46 issue, Mr. Ram first developed and then was personally involved in the implementation of modification packages consisting of Cable, Conduit, Circuit Breaker and motor starter (contactor) replacements.

The following provides a list of USI A-46 resolution projects:

- Northeast Utilities – Millstone Station
- Consumers Power Co. - Palisades Nuclear Station
- Boston Edison Co. - Pilgrim Nuclear Power Station
- Commonwealth Edison Company- Dresden Station, Quad Cities Station



Stevenson & Associates

Antonio J. Perez, P.E.

Engineering Supervisor – ME/CE/SE Design

May 2004 – January 2006

- Supervised a staff of 12 to 15 engineers (mechanical, civil, and structural design) who were charged with developing design changes, maintaining design and licensing basis documentation and supporting maintenance.
- Integrated the civil/structural engineering group and the mechanical engineering group into a cohesive unit that resulted in gained efficiency and a net reduction of one full time equivalent engineer.
- Substantially increased the quality of engineering products developed and published by the ME/CE/SE Design Engineering group through coaching and feedback as a result of increased supervisory oversight of engineering products.
- Developed a work management system for the group that provided a means for prioritizing activities, estimating the level of effort, and scheduling of activities. This system allowed for an increased understanding of workload and became an invaluable tool for prioritizing work and managing resources.
- Increased communications within the group by holding daily 15 minute meetings where station messages were delivered and where the group's resources were assessed and redirected as necessary to meet commitments. This resulted in an increase in morale and an increase in commitments met.
- Increased communications with other departments by establishing a central point of contact for the group and by assuring that the ME/CE/SE Design Engineering group was represented at Planning and Scheduling meetings.

Motor Operated Valve Engineer

June 2001 – May 2004

- Established a project plan and led the implementation effort that re-organized the Motor-Operated Valve Program at KPS. This effort consisted of developing a Program Manual, developing controlled calculations, performing Design Basis Reviews, and compiling and/or establishing plant positions on known industry issues. The result of this effort was a reduction of full time equivalent engineers, from 3 to 1, required to maintain the Program.
- Performed and reviewed MOV safety related calculations including Minimum Required Stem Thrust, Weak Link Analysis, and Available Margin.
- Assisted in MOV testing by providing engineering support to maintenance personnel.

DISTRIBUTION PLANNING, INC., Grandville, MI

Systems Mechanical Engineer

2000 – 2001

- Integrated mechanical systems and designed equipment for material handling systems.
- Procured equipment and coordinated delivery schedules with vendors.



Stevenson & Associates

Antonio J. Perez, P.E.

SMS SANDMOLD SYSTEMS, INC., Newaygo, MI

Project Engineer /Manager

1998 – 2000

- Led multi-discipline project design teams for several projects that ranged in size from a few thousand dollars up to \$2.2 million.
- Coordinated efforts with engineering, manufacturing, and installation groups to establish and maintain project schedules that met or exceeded the client's expectations.
- Procured equipment and coordinated delivery schedules with vendors.
- Acted as the company's liaison with clients to work through issues that arose during projects. Provided project status updates to clients and management.
- Designed equipment such as sand storage bins – up to 540-ton live load capacity, bucket elevators, belt conveyors, screw conveyors, and mixers. Most of this equipment was for handling of bulk solids (foundry sand).
- Analyzed and designed structural support members for various types of equipment such as vibratory conveyors, mixers, and conveyors. Designed access structures such as stair towers, service platforms and catwalks.
- Calculated foundation loads and point loads of equipment support points.

LIFT-TECH INTERNATIONAL, Muskegon, MI

Project Engineer

1997 – 1998

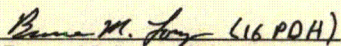
- Performed engineering analyses, wrote critiques, and recommended design modifications of structural members for the purpose of upgrading bridge cranes and hoists.
- Implemented engineering design changes to enhance product development.

Certificate of Completion

Tony Perez

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns


Bruce M. Lory - Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12



Juan A. López, P.E.

Background

Mr. Lopez has nearly six years of experience in Civil and Structural Engineering. He joined Exelon in 2009 where he works on projects specific to nuclear power plants as a design engineer. He is experience working on the design basis and operability evaluations, seismic and stress analyses, and structural inspection of nuclear power plants. Previously, he worked on field supervision for construction projects, and the design and analysis of civil and structural projects.

Professional History

Exelon Generation Co., Middletown, P.A., Civil / Structural Engineer, 2009 – Present.

Ray Architects & Engineers, San Juan, P.R., Civil / Structural Engineer, 2006 – 2009.

Responsibilities and Accomplishments

Juan is the station's responsible engineer for the structural monitoring program. Responsibilities within the program includes to perform condition monitoring for plant structures and components thru periodically inspections, to evaluate the impact of degradation, and provide a timely repair, replacement, or refurbishment of degraded structural elements.

Lead responsible engineer for the Rigging Plan of Control Rod Drive Mechanism Removal. Responsibilities of the project includes to provide the engineering guidance during the plan development and evaluate the rigging plan developed to assure that adequate control of heavy loads is provided in accordance with the NUREG-0612 program and plants specific requirements.

Engineer lead for site specific tasks related to seismic housekeeping, scaffolding evaluation, rigging evaluations, and assignments designated to enhance performance of the plant.

Field Engineer Supervisor for sewer lines construction project, project to install new sewer lines for private housing. Supervised and inspect the construction project as a design project field engineer to ensure design requirements were met.

PR-2 Highway Upgrade, project to convert a rural intersection into a highway. Technical aspects of the project include the analysis of the intersection and a bridge design based on state regulations and the AASHTO standards.

Solar Decathlon Project, project for the design and construction of a solar powered home. Technical aspects of the project include the structural analysis using ETABS, implementation of building codes: AISC, ASCE 7, and IBC, and the design of construction drawings using AutoCAD.



Juan A. López, P.E.

Education

University of Puerto Rico at Mayagüez, B.S. Civil Engineering, 2006

Professional License

Professional Engineer, Commonwealth of Pennsylvania, PE79327

Professional Engineer, Commonwealth of Puerto Rico, PE 22665

Qualification / Training

EPRI Plant Seismic Walkdowns Training, 2012

SQUG Walkdown Screening and Seismic Evaluation Training, 2010

OSHA Construction Certification (30 hours Training), 2005

Membership / Affiliations

American Institute of Steel Construction (AISC)

North American Young Generation in Nuclear (NA-YGN)

Society of Hispanic Professional Engineers (SHPE)



Certificate of Completion

Juan Lopez Ferrer

**Training on Near Term Task Force
Recommendation 2.3
- Plant Seismic Walkdowns**

June 21, 2012

Date

R.P. Kassawara

Robert K. Kassawara
EPRI Manager,
Structural Reliability & Integrity



SETH BAKER

275 Mishawum Rd Suite 200 Woburn, MA 01801
sbaker@vecsa.com 781-932-9580 ext 105

EDUCATION

2012 **Stanford University, MS, Civil/Structural Engineering**
2008 **Worcester Polytechnic Institute, BS, Civil Engineering**

PROFESSIONAL HISTORY

6/12 – pres **Stevenson & Associates, Senior Engineer I** Woburn, MA
5/08 - 6/10 **Stevenson & Associates, Staff Engineer** Woburn, MA
Focus on structural engineering analysis & design, finite element analysis, structural mechanics evaluations, seismic qualification

PROFESSIONAL PROJECTS

Evaluation of underground utilities at the Cooper Nuclear Station for large overburden loads associated with the hauling of spent fuel casks to the independent spent fuel storage facility.

Evaluated concrete structures for the Salt Water Processing Facility at the Savannah River nuclear plant.

Performed a detailed seismic analysis of the service water building at the Ginna nuclear station. Development of GTSTRUDL 3D model and dynamic response analysis. Was also responsible for load and stress analysis of the steel structural members and connections.

Analyzed the washdown area for larger fuel casks at Cooper nuclear station. This work lead to design retrofits to locally strengthen the supporting floor beams and additionally brace the spent fuel cask.

Review and evaluation of seismic and tornado vulnerabilities associated with maintaining the component cooling water systems within the Turbine Building at Prairie Island nuclear plant.

Participated in on-site staff augmentation at Point Beach nuclear station for duration of 1.5 months. Authored a report that that analyzed and articulated the design of a flood relief louver system in the circulating water pump house.

Evaluating repair options for a personnel hatch containment penetration at Brunswick nuclear station. Design will involve placing a 10' concentric sleeve within the existing penetration sleeve. Extensive ASME work was performed.



PROFESSIONAL PROJECTS (cont.)

Seismic evaluation and redesign of equipment frames for Shaw/Areva Mixed Oxide facility using GTSTRUDL model.

Main Steam Line inspections at Cooper nuclear station to determine locations for additional dampers.

Design of equipment support frames to resist blast load at Palo Verde nuclear station

MISC.

SOFTWARE GTSTRUDL, ETABS, ANSYS, MATLAB, AutoCAD, MathCAD, Revit Architecture

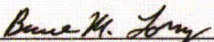
CODES AISC 6th, 7th, 9th, 13th Editions, IBC

Certificate of Completion

Seth Baker

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns



Bruce M. Lory, Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12

Mark S. Etre

EDUCATION:

MBA, Rensselaer Polytechnic Institute - Hartford Graduate Center, Hartford, CT
MS, Mechanical Engineering, Rensselaer Polytechnic Institute - Hartford Graduate Center, Hartford, CT
BS, Civil Engineering – Worcester Polytechnic Institute, Worcester, MA

PROFESSIONAL HISTORY:

Stevenson & Associates, Inc., Woburn Massachusetts, Project Manager, 2009 - Present.
Pratt & Whitney Power Systems, East Hartford, CT, Project Manager, 2000 - 2009.
Northeast Utilities, Millstone, Waterford, CT, Engineering Supervisor, 1981 - 2000.
Pratt & Whitney Aircraft, East Hartford, CT, Analytical Engineer, 1978 - 1981.

PROFESSIONAL EXPERIENCE:

Mr. Etre is a result oriented Manager with extensive experience working on the design basis reconstruction, evaluation and construction of nuclear power plants and assessment of components. Significant accomplishments in the areas of licensing; engineering reviews, welding evaluations, quality program evaluation and implementation, project coordination, and ASME interpretation and training. He has testified as a witness before regulatory groups on topics such as design basis criteria, engineering analysis, fabrication techniques, material and welding applications, material control, and construction practices. Known for and have demonstrated skills and capabilities in:

Managing Resources
Erosion-corrosion criteria
ASME Section III, IX, XI, B31.1
High Energy Line Break

Safety Analysis
Project Management
NRC GL 89-13
Seismic Assessments

RESPONSIBILITIES AND ACCOMPLISHMENTS

Stevenson & Associates, Woburn, MA

Director of Projects **2009 - Present**

Advises leadership and/or office managers at the highest levels about the project portfolio, status and resource planning for delivering strategic business Initiatives. Plans, directs, and ensures the successful management of designed business solutions utilizing the complete resources of the staff and assigned project management teams. Provides technical assistance in identifying, evaluating and developing methods and procedures that are efficient, effective and meet good business practice. Maintains communication with upper management both within and across organizations to ensure smooth running of all projects undertaken by team. Responsible for leading in a mature and organization-focused manner, providing help where necessary to project a professional image. Has expert experience in Project/Program Management and able to lead in the coaching and mentoring of team members to help them achieve individual expectations and deliverables. Assesses resource loads and makes appropriate individual assignments.

Pratt & Whitney Power Systems, Windsor, CT

Project Manager **2000 - 2009**



Responsible for the organization of proposal teams and the Project management function of a \$56 million power plant. Coordinated the priorities of management and personnel to ensure goals.

Ensured customer satisfaction while maintaining high quality and controlling costs.
Managed the Engineering function of the design, analysis and manufacturing of rotating and static structures.
Demonstrated versatility, coordinated diverse activities, i.e., proposals, projects on through to job implementation.
Routinely oversee multiple proposals and projects.
Created and negotiated realistic proposals and schedules that satisfied customer requirements and resulted in accurate outcomes on time and within financial targets.

Northeast Utilities, Millstone, Waterford, CT

Manager, Engineering Backlog **1999 - 2000**
Responsible for the Design Basis Reconstruction.

Managed turnaround of the Design Basis Reconstruction that resulted in a 30% increase in production.
Implemented a process to prioritize projects and other initiatives, which resulted in a 90% reduction in our design and calculations basis backlog while ensuring the documentation was current.
Created and negotiated realistic budgets and schedules, which satisfied NRC regulatory requirements and resulted in on-time completion within budget constraints.
Maintained a bottom line focus in scheduling and budgeting that allowed for the completion of backlog ahead of schedule.
Eliminated projects that had limited added value to the bottom-line performance.

Engineering Supervisor **1992 - 1999**
Managed the Mechanical/Civil engineering function at Millstone Unit 3 with a professional staff of 15.
Coordinated the priorities of management and personnel to ensure goals.

Ensured customer satisfaction while maintaining high quality and controlling costs.
Demonstrated versatility, coordinated diverse activities, i.e., construction, purchasing on through to job completion. Routinely oversaw multiple projects.
Managed the implementation of NRC GL 89-13, Erosion-corrosion assessments, Reg Guide 1.97 and USI A-46.

Senior Engineer **1981 - 1992**
Various engineering assignments designed to enhance performance throughout manufacturing and power generation facilities.

Demonstrated track record for translating technical knowledge and leadership to bottom line results.
Reviewed and approved engineering documents such as calculations, specifications and drawings for adherence to regulatory and code requirements. This included design, analysis, fabrication, and erection of pressure vessels and piping components at several nuclear power plants.

Pratt & Whitney, East Hartford, CT **1978 - 1981**

Analytical Engineer
Responsible for evaluation and improving jet engine designs.

Performed Critical Speed and Forced Response Analysis.
Conducted test demonstrations to ensure design compliance.




Certificate of Completion

Mark Etre

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns


Bruce M. Lory - Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12



Stevenson & Associates

Engineering Solutions for Nuclear Power

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Todd A Bacon

Education

1976 – 1980 University of Illinois – Urbana-Champaign
Bachelor of Science – Civil Engineering

Registration / Certification

Professional Engineer: California License No. C-0336104 (Civil), Georgia License. No. 015562, Ohio License No. E-57497

Professional History

2012 – Present Stevenson & Associates, Charlotte, North Carolina, Senior Consultant and General Manager, Charlotte, NC Office
1980 – 2012 AREVA Inc., Charlotte, NC, Engineering Manager

Professional Experience

Mr. Bacon has thirty years of experience in the design and modification of mechanical and structural systems. His responsibilities as an Engineering Manager have included work from the conceptual design through to the installation support phases of projects. Mr. Bacon has served as Project Engineer and Project Manager for numerous work scope efforts, including coordination of personnel in multiple locations. The efforts have also included significant client and/or regulatory interface, as required. These activities have also included responsibility for budgets, schedules and the technical accuracy of work performed. In addition, he has extensive experience in proposal and report development, as well as personnel training activities.

Mr. Bacon has thirty years of experience in the design and modification of mechanical and structural systems. His responsibilities as an Engineering Manager have included work from the conceptual design through to the installation support phases of projects. Mr. Bacon has served as Project Engineer and Project Manager for numerous work scope efforts, including coordination of personnel in multiple locations. The efforts have also included significant client and/or regulatory interface, as required. These activities have also included responsibility for budgets, schedules and the technical accuracy of work performed. In addition, he has extensive experience in proposal and report development, as well as personnel training activities.

Mr. Bacon's work has involved extensive use of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, including various piping system related committees. These have included the design group for the HDPE buried pipe group of Section III, and the Flaw Analysis group of Section XI. Other Code experience includes the American Institute of Steel Construction (AISC), American Concrete



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Institute (ACI), and ASME (ANSI) B31.1 and B31.3 codes. He serves on the AREVA College of Experts in the areas of structural and dynamic analysis and is also fluent in using numerous piping and finite element computer programs, as well as in typical frame analysis programs.

Engineering Manager, Civil and Layout Department AREVA NP Inc.

Mr. Bacon served as an Engineering Manager in the Civil and Layout Department in Charlotte, North Carolina. In this role he was responsible for the efforts involving work on the 3D model for an AREVA US EPR plant being designed for the Calvert Cliffs site in Maryland. His areas of responsibility also included the balance of plant piping system design efforts for the plant. In this role, he was involved with interfaces with numerous groups utilizing the 3D model information, as well as consortium partner Bechtel Power, and AREVA offices throughout the US and Europe who served as subcontractors for various portions of the overall project scope of work. This included coordinating the efforts of approximately fifty individuals for these efforts involving technical resolution of issues, manpower planning, personnel issues, and development of the group.

In addition to the managerial responsibilities, he was a member of the AREVA College of Experts in the area of mechanics and fluid mechanics. This group was comprised of approximately one percent of the company worldwide which served as the technical leaders for the company, sharing best practices and knowledge throughout the global organization.

In addition to the New Plants activities in the US, Mr. Bacon supported efforts involving current activities for the International Thermonuclear Experimental Reactor (ITER) effort in which AREVA had the responsibility for the Cooling System involving the piping system evaluations and development of Technical Guides and impact to the building resulting from the piping system.

He previously served as an Engineering Manager in the Structural and Engineering Mechanics Group, working on projects involving operating plants. As a Project Engineer and Manager, he holds responsibility for leading project teams in technical areas, as well as in budget and schedule item tracking functions.

Examples of typical projects include the following:

Mixed Oxide (MOX) Fuel Fabrication Facility, Savannah River Site - Conducted third party review of overall project identifying ways to achieve efficiencies and improve production rates for the building design and construction effort. This resulted in numerous recommendations for the site to improve production in the areas of scheduling, group interfacing (engineering disciplines, construction, etc.), procedural development as well as improvements through procedural revisions. This also included performing as the lead engineer on projects for the facility involving development of procedures for field routing of small bore piping systems, as well as conduit runs.

ECCS Debris Blockage Issue, Tokyo Electric Power Company (TEPCO) – Established contact and led proposal efforts to obtain contracts for ECCS suction strainer replacements for first plant performing this



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scope in Japan. Subsequently won contracts for two additional TEPCO units as well, resulting in \$ 8M in revenue for AREVA. This work involved extensive interface and oversight of the strainer hardware vendor during the design, fabrication and construction phases of the projects.

ASME BPVC Work, Various Facilities - Served in positions of increasing responsibility performing and reviewing ASME Boiler and Pressure Vessel Code work in the Structural and Engineering Mechanics Group. Work included Class 1 analyses of flued heads, mechanical equipment evaluations and numerous piping system analyses.

ECCS Debris Blockage Issue, involving numerous US BWR clients - Served in various roles including Project Engineer, Project Manager, and Technical Consultant. Had a significant amount of involvement with this issue including involvement with the BWR Owner's Group for this issue spanning numerous years.

GL 96-06 Operability and Design Basis Resolution, Oconee Nuclear Station, Duke Power - Served as the Project Engineer for the Operability Evaluation for the Oconee Nuclear Station in an effort to show all three units operable under the additional loadings resulting from the USNRC Generic Letter. This assessment included evaluation of the LPSW system, including piping, supports, equipment nozzles, as well as structural platforms and associated components. In addition, operability guidelines were developed for Oconee during this effort.

Reactor Cavity Drain Line Modifications, Palisades Nuclear Power Plant, Consumers Power - Project Manager for the Reactor Cavity Drain Line modifications and letdown piping support modifications at the Palisades Plant. Work scopes included both engineering functions and the generation of modification package paperwork.

NRC Bulletin 79-14 Large-Bore Piping Project Evaluation, D. C. Cook Nuclear Power Plant, Indiana/Michigan Power - Work included serving as Project Engineer to evaluate the adequacy of D.C. Cook's NRC Bulletin 79-14 Large-Bore Piping Project. The work scope involved supervising a project team performing piping and piping support evaluations. Conclusions drawn from this study have enabled the client to realize significant cost savings during recent maintenance outages through discrepancy trending and margin assessment studies.

Reactor Pressure Vessel Bottom Head Drain Line Unplugging Project, Dresden Nuclear Generating Station Units 2 & 3, Commonwealth Edison. Included serving as Project Engineer responsible for unplugging reactor pressure vessel bottom head drain lines for Dresden Units 2 and 3. This project was successfully completed within schedule and budget constraints, and also was part of the Unit 2 critical path outage work.

HPCI System Sparger Modification, Quad Cities Nuclear Generating Station, ComEd - Served as the Structural and Engineering Mechanics Project Engineer and Manager for Quad Cities Unit 1 and 2 high pressure coolant injection (HPCI) system modification, which resulted in the addition of a sparger assembly inside the torus. The project also included the addition of platforms to provide accessibility for personnel performing maintenance activities at both units.

Hardened Wetwell Vent Project Third Party Reviews, Dresden and Quad Cities Nuclear Generating



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Stations, ComEd - Led the third party reviews of the hardened wetwell vent projects for the Dresden and Quad Cities stations. These projects involved the evaluation of existing, as well as new, piping and auxiliary steel. Design codes used for the mechanical work included ASME Section III, Subsections NC, ND, NE and NF, as well as AISC and Uniform Building Code (UBC) standards for the structural evaluations.

Structural Projects, Various Facilities - Past projects have included extensive structural experience, such as the Hope Creek Nuclear Generating Station's drywell inner water seal plate analysis, and also Mark I piping and pipe support evaluations. Previous work also included extensive experience working on various mechanical and structural design projects.

Licensing and Special Projects, Comanche Peak Steam Electric Station, TU Electric - Involved in licensing and special studies projects for the Comanche Peak Station.

SSFI Audit Responses, ComEd - Participated in responding to concerns raised during safety system functional inspection (SSFI) audits.

Project Summary Reports and Operability Guidelines, ComEd and AEPSC - Wrote numerous project summary reports and operability guidelines for Commonwealth Edison (ComEd) and American Electric Power Company (AEPSC).

Piping, Piping Support and HVAC Modifications, Various Facilities - Served as Project Engineer for piping, piping support and HVAC modification work for various nuclear plants, including Dresden Units 2 and 3, Quad Cities Units 1 and 2, D. C. Cook Units 1 and 2, and Duane Arnold. Project Engineer responsibilities included coordinating schedule and budget issues, as well as addressing technical questions as they arose.

Control Rod Drive Frame Analysis, Browns Ferry Nuclear Power Plant, Tennessee Valley Authority (TVA) - Involved in the analysis of the control rod drive frames for the Browns Ferry Plant.

Certificate of Completion

Todd Bacon

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns

Bruce M. Lory (16 PDH)
Bruce M. Lory - Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12

Walter Djordjevic

EDUCATION:

B.S. - Civil Engineering, University of Wisconsin at Madison, 1974
M.S. - Structural Engineering, Massachusetts Institute of Technology, 1976

PROFESSIONAL REGISTRATION:

State of California, State of Wisconsin, Commonwealth of Massachusetts, State of Michigan, State of Arizona, State of Missouri

PROFESSIONAL HISTORY:

Stevenson & Associates, Inc., President 1996 - present; Vice President and General Manager of the Boston area office, 1983 - 1995
URS/John A. Blume & Associates, Engineers, Boston, Massachusetts, General Manager, 1980 - 1983; San Francisco, California, Supervisory Engineer, 1979 - 1980
Impell Corporation, San Francisco, California, Senior Engineer, 1976 - 1979
Stone & Webster Engineering Corporation, Boston, Massachusetts, Engineer, 1974 - 1976

PROFESSIONAL EXPERIENCE:

- Structural Engineering
- Structural Dynamics
- Seismic Engineering
- Construction
- Vibration Engineering
- Expert Witness
- Committee Chairman

Mr. Djordjevic founded the Stevenson & Associates Boston area office in 1983 and serves as President and General Manager. Mr. Djordjevic is expert in the field of structural engineering – more specifically, in the areas of structural vulnerabilities to the effects of seismic and other extreme loading phenomena. As a structural dynamicist, Mr. Djordjevic also heads the Vibration Engineering Consultants corporate subsidiary of Stevenson & Associates for which he has overseen numerous designs of vibration sensitive microelectronics facilities for such clients as IBM, Intel, Motorola and Toshiba. He has personally been involved in such projects as resolving vibration problems due to construction activities for the Central Artery Project (Big Dig) in Boston for which he was retained by Massport. Finally, Mr. Djordjevic has been personally retained as an Expert Witness a number of times relating to cases involving construction, structural and mechanical issues.

He has performed over a thousand hours of onsite seismic and other natural phenomena (including tornados, hurricanes, fire, and flooding) inspection walkdowns to assess structural soundness and vulnerabilities. He has inspected microelectronics fabrication facilities, power facilities, and hazardous material government and military reservations. He is one of the most experienced seismic walkdown



inspection screening and verification engineers having personally participated in seismic walkdowns at over 50 U.S. nuclear units.

In recent years, he has concentrated on screening inspection walkdowns and assessments for resolution of the USI A-46 and seismic IPEEE issues, on numerous facilities. The following provides a partial list of recent projects:

- American Electric Power - D.C. Cook Station
- Boston Edison Co. - Pilgrim Nuclear Power Station (SPRA)
- Commonwealth Edison Company- Braidwood Station^{PM}, Byron Station^{PM}, Dresden Station^{PM}, Quad Cities Station^{PM}
- Consumers Power Co. - Palisades Nuclear Station^{PM}
- Entergy - Arkansas Nuclear One
- Florida Power & Light - Turkey Point Station
- New York Power Authority - James A. Fitzpatrick Nuclear Power Plant
- Niagara Mohawk Power Corporation - Nine Mile Point Station^{PM}
- Northern States Power Co. - Monticello Nuclear Generating Plant
- Northern States Power Co. - Prairie Island Nuclear Generating Plant
- Omaha Public Power District - Fort Calhoun Station (SPRA)
- Public Service Electric & Gas - Salem Nuclear Station
- Rochester Gas & Electric - R.E. Ginna Station
- Wisconsin Electric - Point Beach Nuclear Station^{PM} (SPRA)
- Wisconsin Public Service - Kewaunee Nuclear Power Plant^{PM} (SPRA)

^{PM} Indicates projects where Mr. Djordjevic served as Project Manager

- Hanford Reservation
- Savannah River Plant Reservation
- Rocky Flats Reservation
- Tooele US Army Depot
- Anniston US Army Reservation
- Umatilla US Army Reservation
- Newport US Army Reservation
- Aberdeen US Army Reservation

He is a member of the IEEE 344 Standards Committee, Chairman of the ASCE Working Group for Seismic Evaluation of Electrical Raceways, and Chairman of the IES Committee for Microelectronics Cleanroom Vibrations

Representative projects include overseeing the SEP shake-table testing of electrical raceways, in-situ testing of control panels and instrumentation racks at various nuclear facilities, equipment anchorage walkdowns and evaluations at various nuclear facilities. He is the principal author of the *CERTIVALVE* software package to evaluate nuclear service valves, and contributing author in the development of the *ANCHOR* and *EDASP* software packages commercially distributed by S&A.

Mr. Djordjevic is expert in the area of seismic fragility analysis and dynamic qualification of electrical and mechanical equipment. He has participated in and managed over twenty major projects involving the evaluation and qualification of vibration sensitive equipment and seismic hardening of equipment. As demonstrated by his committee work and publications, Mr. Djordjevic has participated in and contributed steadily to the development of equipment qualification and vibration hardening methodology.

PROFESSIONAL GROUPS

Member, Institute of Electrical and Electronics Engineers, Nuclear Power Engineering Committee Working Group SC 2.5 (IEEE-344)

Chairman, American Society of Civil Engineers Nuclear Structures and Materials Committee, Working Group for the Analysis and Design of Electrical Cable Support Systems

Member, American Society of Mechanical Engineers Operation, Application, and Components Committee on Valves, Working Group SC-5

Chairman, Institute of Environmental Sciences, Working Group for Standardization of Reporting and Measuring Cleanroom Vibrations

PARTIAL LIST OF PUBLICATIONS

1979 ASME PVP Conference, San Francisco, California, "Multi-Degree-of-Freedom Analysis of Power Actuated Valves", Paper No. 79-PVP-106.

1983 ASME PVP Conference, Portland, Oregon, "A Computer Code for Seismic Qualification of Nuclear Service Valves", Paper No. 83-PVP-81.

1983 ASME PVP Conference, Portland, Oregon, "Qualification of Electrical and Mechanical Equipment at Rocky Flats Reservation Using Prototype Analysis".

1984 ANS Conference, "Qualification of Class 1E Devices Using In-Situ Testing and Analysis."

1986 Testing of Lithography Components for Vibration Sensitivity, Microelectronics, Cahners Publishing

1990 Nuclear Power Plant Piping and Equipment Conference, "Development of Generic Amplification Factors for Benchboard and Relay Cabinet Assemblies", Paper No. 106, Structures and Components Symposium, held by North Carolina State University

1991 Electric Power Research Institute, "Development of In-Cabinet Response Spectra for Benchboards and Vertical Panels," EPRI Report NP-7146

Certificate of Completion

Walter Djordjevic

Successfully Completed

Training on Near Term Task Force
Recommendation 2.3 – Plant Seismic Walkdowns

Bruce M. Lora (K PDH)

Bruce M. Lora - Instructor
NTTF 2.3 Seismic Walkdown Course

Date: 06/26/12

B

Equipment Lists

Appendix B contains the equipment lists that were developed during SWEL development.

The following contents are found in Appendix B:

SWEL Approval Signature Page.....	B-2
Table B-1. Base List 1	B-3
Table B-2. Base List 2.....	B-198
Table B-3, SWEL 1.....	B-204
Table B-4, SWEL 2.....	B-208



Seismic Walkdown Interim Report, Revision 2 In Response to NTTF Recommendation 2.3: Seismic

Three Mile Island Generating Station Unit 1

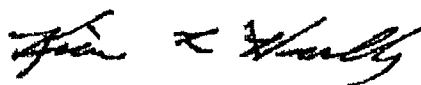

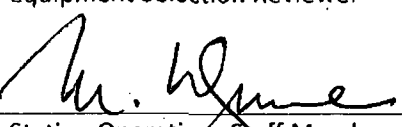
Kim L. Hull		8/10/2012
Equipment Selection Preparer		date
TK Ram		8/10/2012
Equipment Selection Reviewer		date
 M. Wynne		8/13/12
Station Operations Staff Member		date
Refer to Attachment 3 for synopsis of Station Operations role and responsibility.		

Table B-1. Base List 1

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
2-35	M&I SOUND JACK	DGB	305	1A DIESEL CONTROL PANEL		
1-52	M&I SOUND JACK	AB	281	OUTSIDE MU VALVE ALLEY		
1-53	M&I SOUND JACK	AB	305	OUTSIDE SEAL INJECTION AREA		
1A	ENGINEERED SAFEGUARDS CABINET 1A	CB	338-6	ESAS CABINET ROOM		
1A BATTERY	250V DC STATION BATTERY 1A	CB	322	BATTERY ROOM A		
1A DG CNPL	DIESEL GEN 1A ENGINE CONTROL RELAY PANEL	DG	305	IN HALL OUTSIDE ENG. ROOM A		
1A-480V-ES	480V ENGINEERED SAFEGUARDS MCC 1A	CB	322	G-10b		
1A-480V-ESF	1A-480V-ESF VENT BUILDING MCC	AB	305	N END NEAR RW PNL		
1A-480V-ESFHTR	(UNIT 3K) FOR 1A ESF MCC SPACE HEATER				ESFV-1 BREAKER 4 ON 1A ESF MCC	
1A-480V-ESV	480V ENGINEERED SAFEGUARDS VALVES MCC 1A	AB	305	K6d		
1A-480V-RP	480V REACTOR PLANT MCC 1A	CB	322	NW CORNER		
1A-480V-RWD	1A RADIATION WASTE CONTROL CENTER	AB	305	L-6d		
1A-480V-SHES	480V SCREEN HOUSE ENGINEERED SAFEGUARDS MCC 1A (RED)	IPH	308	SOUTH ROOM		
1A-DC	125/250V DC DIST PANEL 1A	CB	322	INVERTER ROOM 1A		
1B	ENGINEERED SAFEGUARDS CABINET 1B	CB	338-6	ESAS CABINET ROOM		
1B BATTERY	250V DC STATION BATTERY 1B	CB	322	BATTERY ROOM B		
1B BATTERY METER	(UNIT 17) BATTERY B DISCH ALARM METER				B INVERTER ROOM VBB 120V DP13	
1B DG CNPL	DIESEL GEN 1B - ENGINE CONTROL RELAY PANEL	DG	305	IN HALL OUTSIDE ENG ROOM B		
1B/S	ESAS BISTABLE CABINET 1	CB	338-6	ESAS CABINET AREA		
1B-480V-ES	480V ENGINEERED SAFEGUARDS MCC 1B	CB	322	SWGR ROOM 202		
1B-480V-ESF	1B-480V-ESF VENT BUILDING MCC	AB	305	NEAR RW PNL		
1B-480V-ESFHTR	(UNIT 3K) FOR 1B ESF MCC SPACE HEATER				ESFV-2 BREAKER 4 ON 1B ESF MCC	
1B-480V-ESV	1B ENGINEERED SAFEGUARDS VALVES & HEATING CONTROL CENTR	AB	305	L-6d		
1B-480V-RWD	480V RADIATION WASTE CONTROL CENTER 1B	AB	305	L-6d		
1B-480V-SHES	480V SCREEN HOUSE ENGINEERED SAFEGUARDS MCC 1B	IPH	308	NORTH ROOM		
1B-DC	125/250V DC DIST PANEL 1B	CB	322	INVERTER ROOM 1B		
1C-480V-ESV	480V ENGINEERED SAFEGUARDS VALVES MCC 1C	FHB	281	E/OF WST NEUT T		
1C-480V-ESV ATS	AUTO TRANSFER SWITCH FOR 1C ESF MCC	CB	322	HALLWAY OUTSIDE TSC AGAINST WA		
1C-480V-ESV13AR	(UNIT 13AR)SPARE				1C ESF 480V MCC 13AR	1FB281015
1C-DC	125/250VDC DIST PNL 1C	CB	322	INVERTER ROOM A		
1D-4160V-ES	4160V ENGINEERED SAFEGUARDS BUS 1D	CB	338-6	4160 ES SWGR RM		
1D-4160V-ES13	(UNIT 1D13)SPARE SWGR				RED 1D ES 4160V SWGR	
1D-4160V-ES4	(UNIT 1D4)SPARE SWGR				RED 1D ES 4160V SWGR	
1D-DC	125/250V DC DIST PNL 1D	CB	322	INVERTER ROOM B		
1E-4160V-ES	4160V ENGINEERED SAFEGUARDS BUS 1E	CB	338-6	4160 ES SWGR RM		
1E-4160V-ES13	(UNIT 1E13)SPARE BREAKER				GREEN 1E ES 4160V MCC	
1E-4160V-ES4	(UNIT 1E4)SPARE BREAKER				GREEN 1E ES 4160V SWGR	
1E-DC	120/205VDC ES DIST PANEL 1E	CB	322	INVERTER ROOM A		
1F-DC	125/250V DC ES DIST PANEL 1F	CB	322	INVERTER ROOM B		
1G-480V-RP	480V REACTOR PLANT BUS 1G	CB	322	SWGR AREA BELOW PATIO		
1H-DC	125/250V DC DIST PNL 1H	CB	322	INVERTER ROOM A		
1L-480V-RP	480V REACTOR PLANT BUS 1L	CB	322	SWGR AREA BELOW PATIO		
1L-480V-RP12C	(UNIT 2C)SPACE				W SIDE ABOVE HOT MACHINE SHOP 1L RP 480V	
1M ATS	DIST PNL 1M AUTO TRANSFER SWITCH				NORTH OF DIST PANEL 1M	
1M-DC	125/250V DC DIST PNL 1M	CB	322	OUTSIDE TSC 10G		
1N-480V-TRCH	TURBINE, REACTOR & CONTROL BUILDING HEATING BUS	TB	322	SWITCHGEAR ROOM		

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
1P-480V-ES	480V ENGINEERED SAFEGUARDS BUS 1P	CB	322	SWGR RM 201		
1P-480V-ES	1P 480V ES SWGR 4160/480V XFMR				NEXT TO 1P-480V-ES SWGR	
1P-480V-ES	1P-480V ES SWGR AIR BLAST FAN(EF-FAN-0001P)				SWGR 1P-480V-ES	
1P-480V-ES12D	(UNIT 2D)SPACE				E SIDE RED 1P ES 480V SWGR	
1P-480V-ES13B	(UNIT 3B)SPACE				E SIDE RED 1P ES 480V SWGR	
1P-DC	125/250V DC DIST PANEL FOR EDG 1A	DG	305	HALLWAY OUTSIDE EDG 1A		
1Q-DC	125/250VDC DIST PANEL FOR EDG 1B	DG	305	HALLWAY OUTSIDE EDG 1B		
1R-480V-SHES	480V ENGINEERED SAFEGUARDS SWGR 1R (1R-ESSA)	IPH	308	SOUTH ROOM		
1R-480V-SHES	1R 480V ES SWGR AIR BLAST FAN(EF-FAN-0001R)				SWGR 1R-480V-ES	
1R-480V-SHES13D	(UNIT 3D)SPACE				S SIDE RED 1R ESSH 480V SWGR	
1R-480V-SHES14B	(UNIT 4B)SPACE				S SIDE RED 1R ESSH 480V SWGR	
1S-480V-ES	480V ENGINEERED SAFEGUARDS BUS 1S	CB	322	SWGR RM 202		
1S-480V-ES	1S 480V ES SWGR 4160/480V XFMR				NEXT TO 1S-480V-ES SWGR	
1S-480V-ES	1S 480V ES SWGR AIR BLAST FAN(EF-FAN-0001S)				SWGR 1S-480V-ES	
1S-480V-ES12D	(UNIT 2D)SPACE				CENTER GREEN 1S ES 480V SWGR	1CB322200
1S-480V-ES13B	(UNIT 3B)SPACE				CENTER GREEN 1S ES 480V SWGR	
1T-480V-SHES	480V ENGINEERED SAFEGUARDS SCREEN HOUSE BUS 1T	IPH	308	NORTH ROOM		
1T-480V-SHES12D	(UNIT 2D)SPACE				N SIDE GREEN	
1T-480V-SHES14B	(UNIT 4B)SPACE				N SIDE GREEN	
1T-480V-SHES-BK	1T-480V SHES SWGR WINDING TEMP FORCED AIR FAN CIRCUIT BKR				EE-SWG-480V-1T, ISPH NORTH	1RWPH 100
20/AH-D-1A	ATC PANEL ISOLATION VALVES @ AH-E-8A				INSIDE JOHNSON CONTROL CABINET FOR AH-E-8A	1FB305115
20/AH-D-1B	ATC PANEL ISOLATION VALVES @ AH-E-8B				INSIDE JOHNSON CONTROL CABINET FOR AH-E-8B	1FB305115
2A	ENGINEERED SAFEGUARDS CABINET 2A	CB	338-6	ESAS CABINET ROOM		
2B	ENGINEERED SAFEGUARDS CABINET 2B	CB	338-6	ESAS CABINET ROOM		
2B/S	ESAS BISTABLE CABINET 2	CB	338-6	ESAS CABINET AREA		
2MS-R-21A	UNIT 2 MAIN STEAM SAFETY VALVE				VALVE REMOVED PER ECR 06-01138	2SB281002
2MS-R-21B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-22A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-22B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-23A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-23B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-24A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-24B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-25A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-25B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-26A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-26B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-27A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-27B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-28A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-28B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-29A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-29B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-30A	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
2MS-R-30B	UNIT 2 MAIN STEAM SAFETY VALVE				ON MAIN STEAM LINES, UNIT 2	2SB281002
3A	ESAS ACTUATION CABINET 3A	CB	338-6	ESAS CABINET AREA		
3B	ESAS ACTUATION CABINET 3B	CB	338-6	ESAS CABINET AREA		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
3B/S	ESAS BISTABLE CABINET 3	CB	338-6	ESAS CABINET ROOM		
4A	ESAS ACTUATION CABINET 4A	CB	338-6	ESAS CABINET AREA		
4B	ESAS ACTUATION CABINET 4B	CB	338-6	ESAS CABINET AREA		
4C	ESAS ACTUATION CABINET 4C	CB	338-6	ESAS CABINET AREA		
4D	ESAS ACTUATION CABINET 4D	CB	338-6	ESAS CABINET AREA		
5A	ESAS ACTUATION CABINET 5A	CB	338-6	ESAS CABINET AREA		
5B	ESAS ACTUATION CABINET 5B	CB	338-6	ESAS CABINET AREA		
5C	ESAS ACTUATION CABINET 5C	CB	338-6	ESAS CABINET AREA		
5D	ESAS ACTUATION CABINET 5D	CB	338-6	ESAS CABINET AREA		
A4/A5/A6	(UNIT 10AR) 480V RECEPTACLES A4, A5, A6				1A ESV 480V VCC	
AB-1ESV	(UNIT 6AL) FEEDER DISTRIBUTION PANEL AB-1				1A ESV 480V VCC UNIT 6AL	1AB305100
AH-C-0004A	CONTROL BUILDING CHILLER	CB	285	287-3 SW CORNER		
AH-C-0004B	CONTROL BUILDING CHILLER	CB	285	CB CHILLER ROOM		
AH-C-178-BK	1B ES 480V MCC UNIT 13FR				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-C-184A	1A ES 480V MCC UNIT 5DL					
AH-C-18A-BK	1B ES SCREEN HOUSE MCC UNIT 5C				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-C-18B-BK	1B ES SCREEN HOUSE MCC UNIT 6E				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-C-20A-BK	1A ES SCREEN HOUSE MCC UNIT 11A				SCREEN HOUSE: SOUTH AREA	1RWPH 100
AH-C-20B-BK	1A ES SCREEN HOUSE MCC UNIT 11B				SCREEN HOUSE: SOUTH AREA	1RWPH 100
AH-C-20C-BK	1B ES SCREEN HOUSE MCC UNIT 5B				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-C-20D-BK	1B ES SCREEN HOUSE MCC UNIT 5D				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-C-20E-BK	1B ES SCREEN HOUSE MCC UNIT 5E				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-C-27	(UNIT 18) COOLING TWR VLV HOUSE TEMP ALARM				'A' INVERTER ROOM VBA 120V DP 18	
AH-C-4A-BK	1P 480V ES SWGR UNIT 2B				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
AH-C-4B-BK	1S 480V ES SWGR UNIT 2B				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
AH-C-56A-BK	1A ESF VENT MCC UNIT 2BL					1AB305130
AH-C-56B-BK	1B ESF VENT MCC UNIT 2BL				BREAKER FOR AH-C-56B	1AB305100
AH-C-57A-BK	1A ES VALVES MCC UNIT 1DL					1AB305130
AH-C-57B-BK	1B ES VALVES MCC UNIT 10BL				BREAKER FOR AH-C-57B	1AB305100
AH-CE-204A-BK	VBB SW# 16: AH-CE-204A/C & 205A/C				CONTROL TWR 322: B INVERTER ROOM	1CB322200
AH-CE-209-BK	VBC SW# 10: AH-CE-209-212 & AH-TS-678-687				CONTROL TWR 322: A INVERTER ROOM	1CB322200
AH-CP-1A-BK1	ESFV-1 SW# 1: ESF REMOTE CONTROL PANEL A				AUX BLDG 305: ON 1A ESF VENT MCC	1AB305130
AH-CP-1B-BK1	ESFV-2 SW# 1: ESF REMOTE CONTROL PANEL B				AUX BLDG 305: ON 1B ESF VENT MCC	1AB305130
AH-CP-MAIN-BK10	VBB SW# 13: AH-E-17/18B AUX RLY 3/TS728				322' CB	1CB322200
AH-CP-MAIN-BK11	1H DC SW# 1: MAIN H&V CONT PANEL				322' CB	1CB322200
AH-CS-775A	(UNIT 3K) FOR COMBUSTIBLE ANALYZER AH-CS-775A				ESFV-1 BREAKER 3 ON 1A ESF MCC	
AH-CS-775B	(UNIT 3K) FOR COMBUSTIBLE ANALYZER AH-CS-775B				ESFV-2 BREAKER 3 ON 1B ESF MCC	
AH-D-101	AH-E-95A DISCHARGE DAMPER				2ND FLR 1S 480V SWGR RM 1 EAST OF 1 S 480V SWGR AND 10 OFF FLR	1TB322200
AH-D-102	AH-E-95B DISCHARGE DAMPER				2ND FLR 1S 480V SWGR RM EAST SIDE 14 OFF FLR 3 FROM EAST WALL	1TB322200
AH-D-16A	AH-E-15A DISCHARGE DAMPER				AUX BLDG 305 ELEV SOUTH OF DC-P-1B AREA 10 FEET ABOVE FLOOR	1AB305130
AH-D-16B	AH-E-15B DISCHARGE DAMPER				AUX BLDG 305 ELEV SOUTH OF NS-P-1B AREA 10 FEET ABOVE FLOOR	1AB305130

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-D-17	AH-E-29A OUTSIDE AIR DAMPER				DIESEL GEN A ROOM	
AH-D-17	AH-E-29A OUTSIDE AIR DAMPER OPERATOR				DIESEL GENNA ROOM	
AH-D-18	EDG NORTH RETURN AIR DAMPER OPERATOR				DIESEL GEN A ROOM	
AH-D-18	EDG NORTH RETURN AIR DAMPER				DIESEL GEN A ROOM	
AH-D-1A	AH-E-8A DISCHARGE DAMPER				AUX BLDG 305 ELEV SPENT FUEL COOLER ROOM IN OVERHEAD	1FB305115
AH-D-1A	AH-E-8A DISCHARGE DAMPER OPERATOR				NEAR COL 8C-J	
AH-D-1B	AH-E-8B DISCHARGE DAMPER OPERATOR				NEAR COL 9A-J	
AH-D-1B	AH-E-8B DISCHARGE DAMPER				AUX BLDG 305 ELEV SPENT FUEL COOLER ROOM IN OVERHEAD	1FB305115
AH-D-216A/H-BK	BREAKER FOR AH-D-216A/H				ESFV-1 SW# 5	
AH-D-216A-BK	BREAKER FOR AH-D-216A				1A ESF VENT MCC UNIT 2K	
AH-D-216B/H-BK	BREAKER FOR AH-D-216B/H				ESFV-2 SW# 5	
AH-D-216B-BK	1B ESF VENT MCC UNIT 2K					1AB305100
AH-D-25	AH-E-29B OUTSIDE AIR DAMPER				DIESEL GEN B ROOM	
AH-D-25	AH-E-29B OUTSIDE AIR DAMPER OPERATOR				DIESEL GEN B ROOM	
AH-D-26	SOUTH DIESEL GEN RM AIR DAMPER				DIESEL GEN B ROOM	
AH-D-26	SOUTH DIESEL GEN RM AIR DAMPER OPERATOR				DIESEL GEN B ROOM	
AH-D-27A	AH-E-24A DISCHARGE DAMPER OPERATOR				2' ABOVE AH-E-24A	
AH-D-27A	AH-E-24A DISCHARGE DAMPER				INTERMEDIATE BLDG 285 ELEV 2 FT ABOVE AH-E-24A	11B295000
AH-D-27B	AH-E-24B DISCHARGE DAMPER OPERATOR					
AH-D-27B	AH-E-24B DISCHARGE DAMPER				INTERMEDIATE BLDG 285 ELEV 1 FT ABOVE AH-E-24B	11B295000
AH-D-30A-BK	VBD SW# 8: AH-D-30A/B/C/D/E/F/G				CONTROL TWR 322: B INVERTER ROOM	1CB322200
AH-D-32B/A	AH-C-6B DISCHARGE DAMPER OPERATOR				AH-E-19B DISCH	
AH-D-32B/B	AH-C-6B DISCHARGE DAMPER OPERATOR				AH-E-19B DISCH	
AH-D-35A	AH-E-19A DISCHARGE DAMPER				5TH FLOOR A FAN ROOM NE CUBICLE NORTH OF AH-E-18A ON DUCT.	1CB380500
AH-D-35A/A	AH-E-19A DISCHARGE DAMPER OPERATOR				AH-E-19A DISCHARGE	
AH-D-35A/B	AH-E-19A DISCHARGE DAMPER OPERATOR				AH-E-0019A DISCHARGE	
AH-D-35B	AH-E-19B DISCHARGE DAMPER				5TH FLOOR A FAN ROOM NE CUBICLE NORTH OF AH-E-18A ON DUCT.	1CB380500
AH-D-35B/A	AH-E-19B DISCHARGE DAMPER OPERATOR				AH-E-19B DISCHARGE	
AH-D-35B/B	AH-E-19B DISCHARGE DAMPER OPERATOR				AH-E-19B DISCHARGE	
AH-D-38-BK	AB-E SW# 5: AH-D-38 FUSIBLE LINKS				AUX BLDG 281: 1C ES VALVES UNIT 6A	1FB281015
AH-D-40A	AH-F-3A INLET DAMPER				5TH FLOOR A FAN ROOM BY CHARCOAL FILTER FOR AH-E-18A 8' IN AIR.	1CB380500
AH-D-40A/A	AH-F-3A SUPPLY DAMPER OPERATOR				EL 386-7 INLET TO AH-E-18	
AH-D-40A/B	AH-F-3A SUPPLY DAMPER OPERATOR				EL 386-7 INLET TO AH-E-18	
AH-D-40B	AH-F-3B INLET DAMPER				5TH FLOOR B FAN RM SW CUBICLE 8 IN AIR ON EAST SIDE OF DUCTWORK	1CB380500
AH-D-40B/A	AH-F-3B SUPPLY DAMPER OPERATOR				EL 386-7 INLET TO AH-F-3B	
AH-D-40B/B	AH-F-3B SUPPLY DAMPER OPERATOR				EL 386-7 INLET TO AH-F-3B	
AH-D-41A	AH-F-4A INLET DAMPER				5TH FLOOR A FAN ROOM BY DOOR 25' IN AIR	1CB380500
AH-D-41A/A	AH-F-4A SUPPLY DAMPER OPERATOR				EL 391-5 INLET TO AH-F-4A	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-D-41A/B	AH-F-4A SUPPLY DAMPER OPERATOR				EL 391-5 INLET TO AH-F-4A	
AH-D-41B	AH-F-4B INLET DAMPER				5TH FLOOR B FAN ROOM BY DOOR 25' IN AIR.	1CB380500
AH-D-41BA	AH-F-4B SUPPLY DAMPER OPERATOR				EL 391-5 DISCH OF AH-E-17B	
AH-D-41BB	AH-F-4B SUPPLY DAMPER OPERATOR				EL 391-5 DISCH OF AH-E-17B	
AH-D-42A	AH-F-3A OUTLET DAMPER				5TH FLOOR A FAN ROOM BEHIND AH-E-18A	1CB380500
AH-D-42A/A	AH-F-3A DISCHARGE DAMPER OPERATOR				EL 386 A FAN RM AH-E-18 OUTLET	
AH-D-42A/B	AH-F-3A DISCHARGE DAMPER OPERATOR				EL 386 A FAN RM AH-E-18 OUTLET	
AH-D-42B	AH-F-3B OUTLET DAMPER				5TH FLOOR B FAN RM SE CUBICLE B EHIND AH-E-18A ON DUCTWORK.	1CB380500
AH-D-42BA	AH-F-3B DISCHARGE DAMPER OPERATOR				EL 386 AH-E-18 OUTLET	
AH-D-42BB	AH-F-3B DISCHARGE DAMPER OPERATOR				EL 386 AH-E-18 OUTLET	
AH-D-436	AH-E-1A INLET BACKDRAFT DAMPER				AH-E-1A INLET	
AH-D-437	AH-E-1A INLET BACKDRAFT DAMPER				AH-E-1A INLET	
AH-D-438	AH-E-1B INLET BACKDRAFT DAMPER				AH-E-1B INLET	
AH-D-439	AH-E-1B INLET BACKDRAFT DAMPER				AH-E-1B INLET	
AH-D-43A/D-BK	VBB SW# 14:AH-D-43/44A/D & AH-TS-674-677				CONTROL TWR 322: B INVERTER ROOM	
AH-D-440	AH-E-1C INLET BACKDRAFT DAMPER				AH-E-1C INLET	
AH-D-441	AH-E-1C INLET BACKDRAFT DAMPER				AH-E-1C INLET	
AH-D-582	PRESSURE RELIEF DAMPER				EL 347'2" ROOM 303	
AH-D-583	PRESSURE RELIEF DAMPER				EL 347'2" ROOM 303	
AH-D-584	BALANCING DAMPER SUPPLY				EL 368-0 ABOVE TOILET EAST RM 407	
AH-D-585	BALANCING DAMPER SUPPLY CORRIDOR				EL 368-0 ABOVE CORRIDOR RM 402	
AH-D-586	BALANCING DAMPER SUPPLY CORRIDOR				EL 368-0 ABOVE CORRIDOR RM 402	
AH-D-587	BALANCING DAMPER SUPPLY STORAGE ROOM				EL 368-0 ABOVE STORAGE RM 403	
AH-D-588	BALANCING DAMPER SUPPLY STORAGE ROOM				EL 368-0 ABOVE TOILET WEST RM 405	
AH-D-589	BALANCING DAMPER SUPPLY COMPUTER ROOM				EL 368-0 ABOVE COMPUTER ROOM 410	
AH-D-590	BALANCING DAMPER SUPPLY SHIFT SUPRV. OFFICE				EL 368-0 ABOVE SHIFT SUPVR. OFF. RM 409	
AH-D-591	BALANCING DAMPER SUPPLY SHIFT FOREMANS OFF.				EL 368-0 ABOVE SHIFT FOREMAN'S OFF. 406	
AH-D-592	BALANCING DAMPER SUPPLY A.O. CENTRAL				EL 368-0 ABOVE SHIFT FOREMAN'S OFF. 406	
AH-D-593	BALANCING DAMPER SUPPLY TOILET (EAST)				EL 368-0 ABOVE TOILET EAST RM 407	
AH-D-594	BALANCING DAMPER SUPPLY COMPUTER ROOM				EL 368-0 ABOVE COMPUTER RM 412	
AH-D-595	BALANCING DAMPER SUPPLY CONTROL ROOM				EL 368-0 ABOVE COMPUTER RM 412	
AH-D-596	BALANCING DAMPER SUPPLY CONTROL ROOM				EL 368-0 ABOVE CONTROL ROOM 411	1CB355401
AH-D-597	BALANCING DAMPER SUPPLY CONTROL ROOM				EL 368-0 ABOVE CONTROL ROOM 411	1CB355401
AH-D-598	BALANCING DAMPER SUPPLY CONTROL ROOM				EL 368-0 ABOVE CONTROL ROOM 411	1CB355401
AH-D-599	BALANCING DAMPER RETURN STORAGE ROOM				EL 368-0 ABOVE STORAGE ROOM 404	
AH-D-600	BALANCING DAMPER RETURN SHIFT SUPVR. OFFICE				EL 368-0 ABOVE AO CENTRAL RM 401	
AH-D-601	BALANCING DAMPER RETURN TOILET (EAST) RM				EL 368-0 ABOVE TOILET EAST RM 407	
AH-D-602	BALANCING DAMPER RETURN CONTROL ROOM				EL 368-0 ABOVE AO CENTRAL RM 401	
AH-D-603	BALANCING DAMPER RETURN CONTROL ROOM				EL 372-6 ABOVE TSC RM 401	
AH-D-604	BALANCING DAMPER RETURN 4160V SWGR RM 302				EL 349-10 ABOVE 4160V RM 301	
AH-D-616	EF-P-2B ROOM BALANCING DAMPER				EF-P-2B ROOM	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-D-618	BALANCING DAMPER				NW CORNER	
AH-D-619	SUPPLY DIFFUSER VOLUME DAMPER				NE QUADRANT	
AH-D-620	BALANCING DAMPER				NW CORNER	
AH-D-621	BALANCING DAMPER				SW CORNER	
AH-D-622	SUPPLY DIFFUSER VOLUME DAMPER				SE QUADRANT	
AH-D-623	BALANCING DAMPER				SW CORNER	
AH-D-624	SUPPLY DIFFUSER VOLUME DAMPER				"A" GNE AREA	
AH-D-625	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-626	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-627	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-628	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-629	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-630	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-631	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-632	SUPPLY DIFFUSER VOLUME DAMPER				"A" GEN AREA	
AH-D-633	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-634	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-635	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-636	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-637	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-638	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-639	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-640	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-641	SUPPLY DIFFUSER VOLUME DAMPER				"B" GEN AREA	
AH-D-642	SUPPLY DIFFUSER VOLUME DAMPER				IA-P-1A ROOM	
AH-D-643	SUPPLY DIFFUSER VOLUME DAMPER				IA-P-1A ROOM	
AH-D-644	SUPPLY DIFFUSER VOLUME DAMPER				IA-P-1A ROOM	
AH-D-645	SUPPLY DIFFUSER VOLUME DAMPER				IA-P-1A ROOM	
AH-D-646	SUPPLY DIFFUSER VOLUME DAMPER				IA-P-1A ROOM	
AH-D-647	SUPPLY DIFFUSER VOLUME DAMPER				SPENT FUEL CLEANING PUMP ROOM	
AH-D-648	SUPPLY DIFFUSER VOLUME DAMPER				SPENT FUEL CLEANING PUMP ROOM	
AH-D-649	SUPPLY DIFFUSER VOLUME DAMPER				SPENT FUEL CLEANING PUMP ROOM	
AH-D-651	SUPPLY DIFFUSER VOLUME DAMPER				DC PUMP AREA	
AH-D-652	SUPPLY DIFFUSER VOLUME DAMPER				DC PUMP AREA	
AH-D-653	SUPPLY DIFFUSER VOLUME DAMPER				NSCCW PUMP AREA	
AH-D-654	SUPPLY DIFFUSER VOLUME DAMPER				NSCCW PUMP AREA	
AH-D-655	SUPPLY DIFFUSER VOLUME DAMPER				NSCCW PUMP AREA	
AH-D-669	SUPPLY DIFFUSER VOLUME DAMPER				BACKUP TECH SUPPORT CENTER	
AH-D-670	SUPPLY DIFFUSER VOLUME DAMPER				1S 480V SWGR RM	
AH-D-671	SUPPLY DIFFUSER VOLUME DAMPER				1P 480V SWGR RM	
AH-D-672	SUPPLY DIFFUSER VOLUME DAMPER				BATTERY (A) CHARGER ROOM	
AH-D-673	SUPPLY DIFFUSER VOLUME DAMPER				BATTERY ROOM (A)	
AH-D-674	SUPPLY DIFFUSER VOLUME DAMPER				BATTERY (B) CHARGER ROOM	
AH-D-675	SUPPLY DIFFUSER VOLUME DAMPER				BATTERY ROOM (B)	
AH-D-676	SUPPLY DIFFUSER VOLUME DAMPER				BATTERY ROOM (B)	
AH-D-677	BALANCING DAMPER				BATTERY ROOM (A)	
AH-D-678	BALANCING DAMPER				BATTERY ROOM (A)	
AH-D-679	RETURN REGISTER VOLUME DAMPER				BATTERY ROOM (A)	
AH-D-680	RETURN REGISTER VOLUME DAMPER				BATTERY (B) CHARGER ROOM	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-D-681	RETURN REGISTER VOLUME DAMPER				BATTERY (A) CHARGER ROOM	
AH-D-682	RETURN REGISTER VOLUME DAMPER				REMOTE SHUTDOWN AREAROOM	
AH-D-683	RETURN REGISTER VOLUME DAMPER				1S 480V SWGR ROOM	
AH-D-684	BALANCING DAMPER				1S 480V SWGR ROOM	
AH-D-685	RETURN REGISTER VOLUME DAMPER				1P 480V SWGR ROOM	
AH-D-686	SUPPLY DIFFUSER VOLUME DAMPER				TOILET	
AH-D-687	SUPPLY DIFFUSER VOLUME DAMPER				OFFICE	
AH-D-688	SUPPLY DIFFUSER VOLUME DAMPER				OFFICE	
AH-D-689	SUPPLY DIFFUSER VOLUME DAMPER				TSC	
AH-D-690	SUPPLY DIFFUSER VOLUME DAMPER				AO CENTRAL	
AH-D-691	SUPPLY DIFFUSER VOLUME DAMPER				OFFICE	
AH-D-692	SUPPLY DIFFUSER VOLUME DAMPER				OFFICE	
AH-D-694	SUPPLY DIFFUSER VOLUME DAMPER				COMPUTER ROOM	
AH-D-695	SUPPLY DIFFUSER VOLUME DAMPER				CORRIDOR	
AH-D-696	SUPPLY DIFFUSER VOLUME DAMPER				TOILET	
AH-D-697	SUPPLY DIFFUSER VOLUME DAMPER				CORRIDOR	
AH-D-698	SUPPLY DIFFUSER VOLUME DAMPER				STORAGE ROOM	
AH-D-699	SUPPLY DIFFUSER VOLUME DAMPER				STORAGE ROOM	
AH-D-700	RETURN REGISTER VOLUME DAMPER				STORAGE ROOM	
AH-D-701	RETURN REGISTER VOLUME DAMPER				TOILET	
AH-D-702	RETURN REGISTER VOLUME DAMPER				TOILET	
AH-D-703	RETURN REGISTER VOLUME DAMPER				OFFICE AREA	
AH-D-704	RETURN REGISTER VOLUME DAMPER				OFFICE AREA	
AH-D-705	RETURN REGISTER VOLUME DAMPER				CONTROL ROOM	
AH-D-706	SUPPLY DIFFUSER VOLUME DAMPER				COMPUTER ROOM	
AH-D-707	RETURN REGISTER VOLUME DAMPER				CONTROL ROOM	
AH-D-708	RETURN REGISTER VOLUME DAMPER				CONTROL ROOM	
AH-D-709	BALANCING DAMPER				NE CORNER	
AH-D-710	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-711	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-712	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-713	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-714	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-715	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-716	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-717	SUPPLY DIFFUSER VOLUME DAMPER				RELAY ROOM	
AH-D-718	SUPPLY DIFFUSER VOLUME DAMPER				1D 4160V SWGR ROOM	
AH-D-719	SUPPLY DIFFUSER VOLUME DAMPER				1D 4160V SWGR ROOM	
AH-D-720	SUPPLY DIFFUSER VOLUME DAMPER				1E 4160V SWGR ROOM	
AH-D-721	SUPPLY DIFFUSER VOLUME DAMPER				1E 4160V SWGR ROOM	
AH-D-722	SUPPLY DIFFUSER VOLUME DAMPER				ESAS LOGIC CAB ROOM	
AH-D-723	SUPPLY DIFFUSER VOLUME DAMPER				ESAS LOGIC CAB ROOM	
AH-D-724	RETURN REGISTER VOLUME DAMPER				RELAY ROOM	
AH-D-759	SUPPLY DIFFUSER VOLUME DAMPER				TSC	
AH-D-760	SUPPLY DIFFUSER VOLUME DAMPER				AO CENTRAL	
AH-D-799	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-800	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-801	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-802	RETURN REGISTER VOLUME DAMPER				NE QUAD	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-D-803	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-804	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-805	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-806	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-807	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-808	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-809	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-810	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-811	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-812	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-813	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-814	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-815	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-816	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-817	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-818	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-819	BALANCING DAMPER				RC DRAIN TANK AREA	
AH-D-820	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-821	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-822	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-823	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-824	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-825	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-826	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-827	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-828	RETURN REGISTER VOLUME DAMPER				SW QUAD	
AH-D-829	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-830	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-831	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-832	RETURN REGISTER VOLUME DAMPER				NW QUAD	
AH-D-833	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-834	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-835	RETURN REGISTER VOLUME DAMPER				NE QUAD	
AH-D-836	RETURN REGISTER VOLUME DAMPER				SE QUAD	
AH-DAMP-ERS	SEE MULTI-COMPONENT LIST FOR COMPONENT INDICATORS.					
AH-DAMPERS/D1	SEE MULTI-COMPONENT LIST FOR COMPONENT INDICATORS.					
AH-DAMPERS/D2	SEE MULTI-COMPONENT LIST FOR COMPONENT INDICATORS.					
AH-DAMPERS/D3	SEE MULTI-COMPONENT LIST FOR COMPONENT INDICATORS.					
AH-E-0001A	RB AIR RECIRC/COOLING 'A' BLOWER	RB	281	NE EL. 292 BETW		
AH-E-0001B	RB AIR RECIRC/COOLING 'B' BLOWER	RB	281	N EL 292 BTWN		
AH-E-0001C	RB AIR RECIRC/COOLING 'C' BLOWER	RB	281	NW EL 292 BTWN		
AH-E-0008A	SPENT FUEL PUMP ROOM A FAN	FHB	305	ABOVE SPENT FUEL POOL		
AH-E-0008B	SPENT FUEL PUMP ROOM B FAN	FHB	305	ABOVE SPENT FUEL POOL		
AH-E-0015A	AUX BLDG- AIR HANDLING UNITS FOR NSCCW & DH PUMPS	AB	305	OVERHEAD PUMP AREA		
AH-E-0015B	AUX BLDG- AIR HANDLING UNITS FOR NSCCW & DH PUMPS	AB	305	OVERHEAD PUMP AREA		
AH-E-0024A	EMERG FEED PUMP COOLER	IB	295	ABOVE IA-P-1A		
AH-E-0024B	EMERG FEED PUMP COOLER	IB	295	N ABOVE IA-P-1A		
AH-E-137A-BK	1A ESF VENT MCC UNIT 2F					1AB305130
AH-E-137B-BK	1B ESF VENT MCC UNIT 2F					1AB305100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-E-15A	NS/DC PUMPS AREA VENTILATION UNIT A				NUC SERV/DECAY CLOSED PMP CUBICLE AREA IN OVERHEAD	1AB305130
AH-E-15A-BK	1A ES MCC UNIT 1F					1CB322200
AH-E-15B	NS/DC PUMPS AREA VENTILATION UNIT B				NUC SERV/DECAY CLOSED PMP CUBICLE AREA IN OVERHEAD	1AB305130
AH-E-15B-BK	1B ES MCC UNIT 1D					1CB322200
AH-E-17A-BK	1A ES MCC UNIT 10C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-17B-BK	1B ES MCC UNIT 11B				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-18A	CONTROL BUILDING EMERG A SUPPLY FAN				5TH FLOOR CONTROL TOWER (A) FAN EQUIPMENT ROOM	1CB380500
AH-E-18A-BK	1A ES MCC UNIT 7C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-18B	CONTROL BUILDING EMERG B SUPPLY FAN				5TH FLOOR CONTROL TOWER (B) FAN EQUIPMENT ROOM	1CB380500
AH-E-18B-BK	1B ES MCC UNIT 6E				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-19A	CONTROL BUILDING A RETURN AIR FAN				CONTROL BUILDING 5TH FLOOR "A" FAN EQUIPMENT ROOM	1CB380500
AH-E-19A-BK	1A ES MCC UNIT 7A				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-19B	CONTROL BUILDING B RETURN AIR FAN				CONTROL BUILDING, 5TH FLOOR, "B" EQUIPMENT ROOM	1CB380500
AH-E-19B-BK	1B ES MCC UNIT 6C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-1A	REACTOR BLDG COOLING FAN				RB BASEMENT AT AH-E-1A	1RB279000
AH-E-1A-BK	1A ES MCC UNIT 3A				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-1A-MH	CT-5 SW# 14 : AH-E-1A MOTOR HEATER				CONTROL TOWER 322 ON 1A ES MCC	1CB322200
AH-E-1B	REACTOR BLDG COOLING FAN				RB BASEMENT AT AH-E-1B	1RB279000
AH-E-1B-BK	1B ES MCC UNIT 3A				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-1B-MH	CT-E SW# 13: AH-E-1B MOTOR HEATER				CONTROL TOWER 322 ON 1B ES MCC	1CB322200
AH-E-1C	REACTOR BLDG COOLING FAN				RB 281'BY ENTRANCE TO D-RINGS	1RB279000
AH-E-1C-BK	1C ES VALVES MCC UNIT 14A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
AH-E-1C-MH	AB-E SW# 4 : AH-E-1C MOTOR HEATER				AUX BLDG 281 ON 1C ES VALVES MCC	1FB281015
AH-E-24A	EMERGENCY FEED PUMPS AIR HANDLING FAN				INTERMEDIATE BLDG 295 ELEV 20 FT ABOVE I A-P-1A	1IB295000
AH-E-24A-BK	1A ES MCC UNIT 12C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-24B	EMERGENCY FEED PUMPS AIR HANDLING FAN				INTERMEDIATE BLDG 295 ELEV 12 FT ABOVE I A-P-1A	1IB295000
AH-E-24B-BK	1B ES MCC UNIT 13C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-27A-BK	1A ES SCREEN HOUSE MCC UNIT 11C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
AH-E-27B-BK	1B ES SCREEN HOUSE MCC UNIT 3D				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-E-29A	DIESEL GENERATOR ROOM A FAN				DIESEL GEN A RM	1DG305100A
AH-E-29A-BK	1A ES MCC UNIT 2A				CONTROL TOWER 322: 1P SWGR ROOM	1CB322200
AH-E-29B	DIESEL GENERATOR ROOM B FAN				B EMERGENCY DIESEL ROOM	1DG305100B
AH-E-29B-BK	1B ES MCC UNIT 13E				322' CONTROL TOWER	1CB322200
AH-E-58-BK	1B ES SCREEN HOUSE MCC UNIT 6C				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-E-72-BK1	1B ES SCREEN HOUSE MCC UNIT 9C				SCREEN HOUSE: NORTH AREA	1RWPH 100
AH-E-76-BK1	1A ES SCREEN HOUSE MCC UNIT 10C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
AH-E-8A	SPENT FUEL COOLER AERA VENT UNIT A				AUX BLDG 305 ELEVATION SPENT FUEL COOLER ROOM IN OVERHEAD	1FB305115
AH-E-8A-BK	1A ES MCC UNIT 5B				1A ES MCC UNIT 5B	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-E-8B	SPENT FUEL COOLANT PUMPS AH UNIT B				AUX BLDG 305 ELEVATION SPENT FUEL COOLER ROOM IN OVERHEAD	1FB305115
AH-E-8B-BK	1B ES MCC UNIT 8B					1CB322200
AH-E-95A	CONTROL BUILDING 2ND FLOOR A BOOSTER FAN				322' CONTROL BUILDING 10' ABOVE 1S 480V SWITCHGEAR.	1CB322200
AH-E-95A-BK	1A ES MCC UNIT 5F				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-95B	CONTROL BUILDING 2ND FLOOR B BOOSTER FAN				322' CONTROL BUILDING 10' ABOVE 1S 480V SWITCHGEAR.	1CB322200
AH-E-95B-BK	1B ES MCC UNIT 5C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-E-9A-BK	1A ES MCC UNIT 11B				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-E-9B-BK	1B ES MCC UNIT 7C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-EP-17A	AH-E-17A DISCHAGE DAMPERS AH-D-32A&41A CONTR SOLND				A FAN RM IN JOHNSON CONTROL CAB S WALL	
AH-EP-17B	AH-E-17B DISCHAGE DAMPERS AH-D-32B&41B CONTR SOLND				@ AH-E-17B DISCHARGE	
AH-EP-18A	AH-E-18A DISCHAGE DAMPERS AH-D-40A&42B CONTR SOLND				A FAN RM JOHNSON CONTROL CAB S WALL	
AH-EP-18B	AH-E-18B DISCHAGE DAMPERS AH-D-40B&42B CONTR SOLND				@ AH-E-18B DISCHARGE	
AH-EP-19A	AH-E-19A DISCH(AH-D-35A) DAMPER CONTROL SOLENOID				A FAN RM IN JOHNSON CONTROL CAB S WALL	
AH-EP-19B	AH-E-19B DISCH(AH-D-35B) DAMPER CONTROL SOLENOID				@ AH-D-35B	
AH-EP-29A	AH-E-29A DISCH(AH-D- DAMPER CONTROL SOLENOID					
AH-EP-29B	AH-E-29B DISCH(AH-D DAMPER CONTROL SOLENOID					
AH-EP-95A	AH-E-95A DISCH(AH-D- DAMPER CONTROL SOLENOID					
AH-EP-95B	AH-E-95B DISCH(AH-D- DAMPER CONTROL SOLENOID					
AH-P-3A-BK	1A ES MCC UNIT 7B				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-P-3B-BK	1B ES MCC UNIT 6D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-P-8A-BK1	1A ES MCC UNIT 5DR (AH-P-8A/B)				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-P-9A-BK1	1B ES MCC UNIT 7BL (AH-P-9A/B)				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
AH-PC-28A	DIRECT ACTION CUMULATOR FOR AH-E-29A DAMPER CONTROLS				DIESEL GENERATOR A BLDG: ELEV 305'-0" NORTH END	1DG305100A
AH-PC-29B	PNEUMATIC SIGNAL LIMITER FOR AH-E-29B DAMPER CONTROLS				DIESEL GENERATOR B BLDG: ELEV 305'-0" SOUTH END	1DG305100B
AH-Q-1-BK	CT-5 SW# 9 : CONTROL TWR IA DRYER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-Q-2-BK	CT-E SW# 25: CONTROL IA DRYER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
AH-TC-724	AH-E-29A TEMPERATURE CONTROL				DG RM A PNL AH-E-29A	
AH-TC-726	AH-E-29B TEMPERATURE CONTROL				DG RM B PNL AH-E-29B	
AH-TC-850A	SPENT FUEL PUMP ROOM THERMOSTAT				SPENT FUEL PUMP ROOM WALL @ CHILLERS	
AH-TC-850B	SPENT FUEL PUMP ROOM THERMOSTAT				SPENT FUEL PUMP ROOM WALL	
AH-TC-851A	NUCLEAR SERVICE PUMPROOM TEMP CONTROL				AB 305 ELEV EAST WALL ON TEMPERATU RE CONTROL PANEL FOR AH-E-15A	1AB305130
AH-TC-851B	NUCLEAR SERVICE PUMPROOM TEMP CONTROL				AB 305 ELEV EAST WALL ON TEMPERATU RE CONTROL PANEL FOR AH-E-15A	1AB305130
AH-TC-857A	EFP ROOM THERMOSTAT				EFP ROOM	
AH-TC-857B	EFP ROOM THERMOSTAT				EFP ROOM	
AH-TT-0724-2	AH-E-29A EDG ROOM A TEMPERATURE CONTROL				ELEMENT DISCHARGE DUCT UNIT- WALL	1DG305100A

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
AH-TT-724	AH-E-29A TEMPERATURE TRANSMITTER				EG-Y-1A ROOM ON EAST WALL 4' UP FROM FLO OR	1DG305100A
AH-TT-726	AH-E-29B TEMPERATURE TRANSMITTER				EG-Y-1B RM ON E WALL 4 UP FROM FLO OR TO RIGHT OF JOHNSON CTR	1DG305100B
AH-TT-7261	AH-E-29B TEMPERATURE TRANSMITTER				EG-Y-1B RM ON E WALL 4 UP FROM FLO OR TO RIGHT OF JOHNSON CONT	1DG305100B
AH-V-1A	RX BUILDING PURGE EXHAUST VALVE				305AUX BLDG BEHIND 1A ESV MCC ON RB WAL L 8'OFF FLOOR	1AB305130
AH-V-1A	CONTAINMENT ISOLATION RB PURGE OULET VALVE OP				PENETR 336 EL 328-0	
AH-V-1A1	AH-V-1A OPENING AIR SUPPLY SOLENOID VALVE				EL 318-0 @ PEN 336	
AH-V-1A2	AH-V-1A OPENING AIR SUPPLY SOLENOID VALVE				EL 318-0 @ PEN 336	
AH-V-1B	CONTAINMENT ISOLATION RB PURGE OUTLET VLV OP				15 FT N OF CF-T-1B	
AH-V-1B	RX BUILDING PURGE EXHAUST VALVE				RB 305/ELEV 15'NORTH OF CF-T-1B	1RB308100
AH-V-1B-BK	1A ES VALVES MCC UNIT 1B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
AH-V-1C	CONTAINMENT ISOLATION RB PURGE INLET VLV OP				25DEG WEST OF NORTH CTR LINE AT EL 311-8	
AH-V-1C	RX BUILDING PURGE SUPPLY VALVE				RB	1RB308100
AH-V-1C-BK	1B ES VALVES MCC UNIT 1B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
AH-V-1D	RX BUILDING PURGE SUPPLY VALVE AH-V-1D				322' IB AT RB WALL IN PP TANK ROOM	1IB322200
AH-V-1D	CONTAINMENT ISOLATION RB PURGE INLET ISOL VL OP				PP TANK RM PEN 423 ON RB WALL	
AH-V-1D1	AH-V-1D OPENING AIR SUPPLY SOLENOID VALVE				AH-V-1D ACTUATOR	
AH-V-1D2	AH-V-1D OPENING AIR EXHAUST SOLENOID VALVE				AH-V-1D ACTUATOR	
AH-V-93A	ADJUSTABLE MINIMUM OUTPUT PRESSURE				NEAR DAMPERS AH-D-0017/0018	
AH-V-93B	ADJUSTABLE MINIMUM OUTPUT PRESSURE				NEAR DAMPERS AH-D-0025/26	
ANN-PNL-HVA-BK1	VBB SW# 10:H&V PANEL A/B ANNUNCIATORS				CONTROL TWR 322: B INVERTER ROOM	1CB322200
ANN-PNL-LWDS-BK1	VBB SW# 11 : LWDS ANNUNCIATOR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
ANN-PNL-MAP-BK1	VBC SW# 15:MAIN ANNUNCIATOR SER A & ASSC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
ANN-PNL-MAP-BK2	VBD SW# 16:MAIN ANNUNCIATOR SER B & ASSC				CONTROL TWR 322: B INVERTER ROOM	1CB322200
ANN-PNL-PLA-BK1	VBD SW# 18:NORMAL SOURCE PL A&B ANN PNL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
ANN-PNL-PRF-BK	VBD SW# 14: PRF & PRF1 ANNUNCIATOR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
AS-V-0004	AUX STEAM SUPPLY TO EF-P-1	IB	295	S END OF EF-P-1		
ATA	DISTRIBUTION PANEL ATA	CB	322	INVERTER ROOM A		
ATB	DISTRIBUTION PANEL ATB	CB	322	INVERTER ROOM A		
BATTERY 1A/C DISCN	DISCONNECT SWITCH FOR BATTERY 1A AND 1C	CB	322	N WALL A BATT R		
BATTERY 1B/D DISCN	DISCONNECT SWITCH FOR BATTERY 1B AND 1D	CB	322	N WALL B BATT R		
BATTERY CHARGER 1A	BATTERY CHARGER 1A	CB	322	INVERTER ROOM 1A		
BATTERY CHARGER 1B	BATTERY CHARGER 1B	CB	322	INVERTER ROOM 1B		
BATTERY CHARGER 1C	BATTERY CHARGER 1C	CB	322	INVERTER ROOM 1A		
BATTERY CHARGER 1D	BATTERY CHARGER 1D	CB	322	INVERTER ROOM 1B		
BATTERY CHARGER 1E	BATTERY CHARGER 1E	CB	322	INVERTER ROOM 1A		
BATTERY CHARGER 1F	BATTERY CHARGER 1F	CB	322	INVERTER ROOM 1B		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-DPT-819	NAOH / BWST DP TRANSMITTER				BWST TUNNEL	1PA 111
BS-F-1A	BS-P1A SEAL FLUSH CYCLONE SEPARATOR				CYCLONE SEPARATOR MOUNTED ON SOUTH SIDE OF PUMP 18" OFF FLOOR	1AB261052
BS-F-1B	BS-P1B SEAL FLUSH CYCLONE SEPARATOR				CYCLONE SEPARATOR MOUNTED ON SOUTH SIDE OF PUMP 18" OFF FLOOR	1AB261057
BS-P-1A	REACTOR BUILDING SPRAY PUMP 1A				A BS VAULT	1AB261052
BS-P-1A-BK	1D 4160V ES SWGR UNIT 9				SURGE SUPPRESSION REQUIRED	1CB338300
BS-P-1A-MH	CT-5 SW# 3: BS-P-1A MOTOR HEATER BREAKER				CONTROL TOWER 322 ELEV: 1P SWGR ROOM: ON 1A ES MCC: PNL-CT5	1CB322200
BS-P-1B	REACTOR BUILDING SPRAY PUMP 1B				B BS VAULT	1AB261057
BS-P-1B-BK	1E 4160V ES SWGR UNIT 10				SURGE SUPPRESSION REQUIRED	1CB338300
BS-P-1B-MH	CT-E SW# 8 : BS-P-1B MOTOR HEATER				PANEL CTE SWITCH #8	1CB322200
BS-PS-0932	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON RB WALL ABOVE IC-F-1A		
BS-PS-0933	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON RB WALL ABOVE IC-F-1A		
BS-PS-0934	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON WALL BEHIND 1A-480V-ESV		
BS-PS-0935	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON RB WALL ABOVE IC-F-1A		
BS-PS-0936	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON RB WALL ABOVE IC-F-1A		
BS-PS-0937	RB PRESSURE SWITCH FOR ESAS ACTUATION	AB	305	ON RB WALL BEHIND 1A-480V-ESV		
BS-PT-0282	RB PRESSURE TRANSMITTER FOR ESAS ACTUATION	AB	305	ON RB WALL UNDER BS-PS-283/932		
BS-PT-0285	RB PRESSURE TRANSMITTER FOR ESAS ACTUATION	AB	305	ON RB WALL UNDER BS-PS-286/933		
BS-PT-0288	RB PRESSURE TRANSMITTER FOR ESAS ACTUATION	AB	305	BEHIND 1A-480V-ESV MCC		
BS-PT-1186	HSPS RB PRESSURE -5 TO 15 PSIG XMTR				A.B. 305 BEHIND MU-F-4A/B 12 FT ABOVE FLOOR	1AB305135
BS-PT-1187	HSPS RB PRESSURE -5 TO 15 PSIG XMTR				A.B. 305 BEHIND MU-F-4A/B 12 FT ABOVE FLOOR	1AB305135
BS-PT-1188	HSPS RB PRESSURE -5 TO 15 PSIG XMTR				AUX BLDG 305 NORTH OF 1A ES VALVE MCC	1AB305130
BS-PT-1189	HSPS RB PRESSURE -5 TO 15 PSIG XMTR				AUX BLDG 305 NORTH OF 1A ES VALVE MCC	1AB305130
BS-PT-282	RB 0-25 PSIA PRESS TRANSMITTER				305 AUX BLDG NEAR IC-F-1A	1AB305130
BS-PT-285	RB 0-25 PSIA PRESS TRANSMITTER				305 AUX BLDG UNDER BS-PS-286/933 CABINET	1AB305100
BS-PT-285-BK	VBB SW# 8 : RB PRESS XMTR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
BS-PT-288	RB 0-25 PSIA PRESS TRANSMITTER				305 AUX BLDG NORTH OF 1A E.S. VALVES MCC	1AB305100
BS-PT-288-BK	VBC SW# 8 : RB PRESS XMTR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
BS-PT-291	RB 0-100 PSIG PRESS TRANSMITTER				305 AUX BLDG NORTH OF 1A E.S. VALVES MCC	1AB305100
BS-T-2	SODIUM HYDROXIDE TANK				OUTSIDE JUST WEST OF REACTOR BUILDING	1PA 110
BS-V-1000	BS1-FE-1 ROOT VALVE				"A" SPRAY VAULT NEAR CENTER OF SOUTH WALL 15' ABOVE FLOOR	1AB261052
BS-V-1001	BS1-FE-1 ROOT VALVE				"A" SPRAY VAULT NEAR CENTER OF SOUTH WALL 15' ABOVE FLOOR	1AB261052
BS-V-1002	BS1-FE-2 ROOT VALVE				"B" SPRAY VAULT NEAR CENTER OF SOUTH WALL 15' ABOVE FLOOR	1AB261057

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-1003	BS1-FE-2 ROOT VALVE				"B" SPRAY VAULT NEAR CENTER OF SOUTH WALL 15' ABOVE FLOOR	1AB261057
BS-V-1004	BS2-PI-1 ROOT VALVE				"A" SPRAY VAULT SOUTH OF PUMP 5' ABOVE FLOOR	1AB261052
BS-V-1005	BS2-PI-2 ROOT VALVE				"B" SPRAY VAULT SOUTH OF PUMP 4.5 FT ABOVE FLOOR	1AB261057
BS-V-1007	BS-PI-590 ISOLATION VALVE				7FT SE OF THIOSULFATE TK:4FT ABV GROUND LVL:JUST ABV RECIRC PMP	1PA 110
BS-V-1008	BSS-LT REF LEG ROOT VALVE				TOP OF SODIUM HYDROXIDE TANK EAST SIDE	1PA 110
BS-V-1011	BS6-PI ROOT ISOLATION				INSIDE 2FT SQ BOX ON E SIDE OF SODIUM HYDROXIDE TK:3FT ABV BASE	1PA 110
BS-V-1012	BS-PI-385 ROOT VALVE				"A" SPRAY VAULT: BETWEEN PUMP & MOTOR: 9 FT ABOVE FLOOR	1AB261052
BS-V-1013	BS-PI-386 ROOT VALVE				"B" SPRAY VAULT: BETWEEN PUMP & MOTOR: 7 FT ABOVE FLOOR	1AB261057
BS-V-1014	BS-PS-672 ISOLATION VALVE				AB305: 6FT S OF "A" ICW FILTER: ALONG RB WALL: 2FT ABOVE FLR	1AB305130
BS-V-1015	BS-PS-673 ISOLATION VALVE				BACK OF VLV STEM LEAKOFF FUNNEL,MU-F-4 AREA,RB WALL:2FT OFF FLR	1AB305130
BS-V-1016	BS-PS-674 ISOLATION VALVE				AB 305 N OF 1A ES VALVE MCC & 10 E OF 1A AB H&V MCC 1 ABOVE FLR	1AB305130
BS-V-1017	BS-PS-675 ISOLATION VALVE				AB305: NORTH OF 1A ES VLVS MCC: BEHIND 1A ABH&V MCC 1FT ABOVE FL	1AB305130
BS-V-1018	BS1-DPT-1 LO SIDE ISOL VALVE				"A" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261051
BS-V-1019	BS1-DPT-1 HI SIDE ISOL VALVE				"A" DH VAULT: CENTER OF HEADER: ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261051
BS-V-1020A	BS1-DPT-1 HI SIDE ISOL VALVE				"A" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261051
BS-V-1020B	BS1-DPT-1 LO SIDE ISOL VALVE				"A" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261051
BS-V-1020C	BS1-DPT-1 EQUALIZING VALVE				"A" DH VAULT: CENTER OF HEADER: ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261051
BS-V-1021	BS1-DPT-2 LO SIDE ISOL VALVE				"B" DH VAULT: CENTER OF HEADER ON NORTH WALL: 7 FT ABOVE FLOOR	1AB261056
BS-V-1022	BS1-DPT-2 HI SIDE ISOL VALVE				"B" DH VAULT: CENTER OF HEADER ON NORTH WALL: 7 FT ABOVE FLOOR	1AB261056
BS-V-1023A	BS1-DPT-2 HI SIDE ISOL VALVE				"B" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261056
BS-V-1023B	BS1-DPT-2 LO SIDE ISOL VALVE				"B" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261056
BS-V-1023C	BS1-DPT-2 EQUALIZING VALVE				"B" DH VAULT: CENTER OF HEADER ON NORTH WALL: 5 FT ABOVE FLOOR	1AB261056
BS-V-1027	BSS-LT HIGH SIDE ISOLATION VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK: 3FT ABV BASE	1PA 110
BS-V-1028	BSS-LT LOW SIDE ISOLATION VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK: 3FT ABV BASE	1PA 110

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-1029A	BSS-LT HI SIDE ISOL VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK; 3FT ABV BASE	1PA 110
BS-V-1029B	BSS-LT LO SIDE ISOL VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK; 3FT ABV BASE	1PA 110
BS-V-1029C	BSS-LT EQUALIZING VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK; 3FT ABV BASE	1PA 110
BS-V-1029D	BSS-LT HI/LO TEST CONN VALVE				INSIDE 2FT SQUARE BOX ON E SIDE OF NA30H TK; 3FT ABV BASE	1PA 110
BS-V-1032	BS-PT-291 ISOLATION VALVE				AB 305: N OF 1A ES VLV MCC: BEHIND 1A AB H&V MCC; 4FT ABOVE FLR	1AB305130
BS-V-1033	BS-PS-290/937 ISOLATION VALVE				AB 305: N OF 1A ES VLV MCC: BEHIND 1A AB H&V MCC; 3FT ABOVE FLR	1AB305130
BS-V-1034	BS-PS-289/934 ISOLATION VALVE				N OF 1A ES VALVE MCC; 8FT E OF 1A ABH&V MCC; 3FT ABOVE FLR	1AB305130
BS-V-1035	BS-PT-288 ISOLATION VALVE				AB305 N OF 1A ES VALVE MCC & 9 EAST OF 1A ABH&V MCC 2 ABOVE FLR	1AB305130
BS-V-1036	BS-PS-287/936 ISOLATION VALVE				1FT N VLV STEM LEAKOFF FUNNEL @ MU-F-4 ALONG RB WALL 4FT OFF FLR	1AB305130
BS-V-1037	BS-PS-286/933 ISOLATION VALVE				4FT N VLV STEM LEAKOFF FUNNEL @ MU-F-4 ALONG RB WALL 4FT OFF FLR	1AB305130
BS-V-1038	BS-PT-285 ISOLATION VALVE				3FT N VLV STEM LEAKOFF FUNNEL @ MU-F-4 AREA ALONG RB WALL 3FT UP	1AB305130
BS-V-1039	BS-PS-284/935 ISOLATION VALVE				AB305: SOUTH OF "A" ICCW FILTER: ALONG RB WALL: 4FT ABOVE FLR	1AB305130
BS-V-1040	BS-PS-283/932 ISOLATION VALVE				AB305: 2FT S OF "A" ICCW FILTER: ALONG RB WALL: 3FT ABOVE FLR	1AB305130
BS-V-1041	BS-PT-282 ISOLATION VALVE				AB305: 3FT S OF "A" ICCW FILTER: ALONG RB WALL: 2FT ABOVE FLR	1AB305130
BS-V-1042A	RB PRESSURE INSTRUMENT DRAIN				AB305: 5FT S OF "A" ICCW FILTER: ALONG RB WALL: 1FT ABOVE FLR	1AB305130
BS-V-1042B	RB PRESSURE INSTRUMENT DRAIN				BEHIND VALVE STEM LEAKOFF FUNNEL: AT MU-F-4 AREA: 1FT ABOVE FLR	1AB305130
BS-V-1042C	RB PRESSURE INSTRUMENT DRAIN				AB 305: N OF 1A ES VLVS MCC BEHIND 1A AB H&V MCC; 6 IN ABOVE FLR	1AB305130
BS-V-1042D	RB PRESSURE INSTRUMENT DRAIN				AB305: N OF 1A ES VLVS MCC: 10 E OF 1A ABH&V MCC; 3 IN ABOVE FLR	1AB305130
BS-V-1043	BS-PT-981A ISOLATION VALVE				AB305 N SIDE OF WALL BEHIND SEAL INJECTION FLTRS: 10FT ABOVE FLR	1AB305135
BS-V-1044	BS-PT-981B ISOLATION VALVE				AB305: WALL BEHIND SEAL INJECTION FLTRS N SIDE: 10FT ABOVE FLR	1AB305135
BS-V-1045	BS-PT-981A/981B/1186 DRAIN VALVE				AB305: N SIDE OF WALL BEHIND SEAL INJECTION FLTRS: 2FT ABOVE FLR	1AB305135
BS-V-1046	BS-PT-982A ISOLATION VALVE				N OF WALL BEHIND SEAL INJ FILTERS: ALONG RB WALL: 8FT ABOVE FLR	1AB305135
BS-V-1047	BS-PT-982B ISOLATION VALVE				N OF WALL BEHIND SEAL INJ FILTERS: ALONG RB WALL: 8FT ABOVE FLR	1AB305135
BS-V-1048	BS-PT-982A/982B/1187 DRAIN VALVE				N MU-F-4: ALONG RB WALL: BEHIND METAL PLATE: 3FT ABV FLR	1AB305135

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-1049	BS-PT-981A/981B/1186 DRAIN VALVE				N SIDE OF WALL BEHIND SEAL INJECTION FILTERS: 2FT ABOVE FLR	1AB305135
BS-V-1050	BS-DPT-819 HI SIDE DRAIN				UDR GRATNG@TOP OF LADER TO BWST TUNNEL:4FT W OF LADER ALONG WALL	1PA 111
BS-V-1051	BS-DPT-819 HI SIDE ISOL VALVE				UDR GRATNG@TOP OF LADER TO BWST TUNNEL:4FT W OF LADER ALONG WALL	1PA 111
BS-V-1052	BS-DPT-819 LO SIDE FIRST DRAIN VALVE				UDR GRATNG@TOP OF LADER TO BWST TUNNEL:4FT W OF LADER ALONG WALL	1PA 111
BS-V-1053	BS-DPT-819 LO SIDE ISOL VALVE				UDR GRATNG@TOP OF LADER TO BWST TUNNEL:4FT W OF LADER ALONG WALL	1PA 111
BS-V-1060	BS-PS-932 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-283/932 CABINET	1AB305130
BS-V-1061	BS-PS-935 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-284/935 CABINET	1AB305130
BS-V-1062	BS-PS-933 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-286/933 CABINET	1AB305130
BS-V-1063	BS-PS-936 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-287/936 CABINET	1AB305130
BS-V-1064	BS-PS-934 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-289/934 CABINET	1AB305130
BS-V-1065	BS-PS-937 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-290/937 CABINET	1AB305130
BS-V-1066	BS-PS-283 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-283/932 CABINET	1AB305130
BS-V-1067	BS-PS-284 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-284/935 CABINET	1AB305130
BS-V-1068	BS-PS-286 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-286/933 CABINET	1AB305130
BS-V-1069	BS-PS-287 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-287/936 CABINET	1AB305130
BS-V-1070	BS-PS-289 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-289/934 CABINET	1AB305130
BS-V-1071	BS-PS-290 ISOLATION VALVE				AUX BLDG 305: INSIDE BS-PS-290/937 CABINET	1AB305130
BS-V-1073	BS-PT-1186 ISOLATION VALVE				AUX BLDG 305: ON WALL BEHIND SEAL INJ FILTERS: 8 FT ABOVE FLOOR	1AB305135
BS-V-1074	BS-PT-1187 ISOLATION VALVE				AB 305: ON RB WALL: NORTH OF SEAL INJ FILTERS: 8 FT ABOVE FLOOR	1AB305135
BS-V-1075	BS-PT-1188 ISOLATION VALVE				AUX BLDG 305: NORTH OF 1A ES VALVES MCC	1AB305130
BS-V-1076	BS-PT-1189 ISOLATION VALVE				AUX BLDG 305: NORTH OF 1A ES VALVES MCC	1AB305130
BS-V-1103	BS-PS-283/932 CHECK VALVE				AB 305: INSIDE BS-PS-283/932 CABINET	1AB305135
BS-V-1104	BS-PS-284/935 CHECK VALVE				AB 305: INSIDE BS-PS-284/935 CABINET	1AB305135
BS-V-1105	BS-PS 286/933 CHECK VALVE				AB 305: INSIDE BS-PS-286 CABINET	1AB305135

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-1108	BS-PS 287/936 CHECK VALVE				AB 305: INSIDE BS-PS-287 CABINET	1AB305135
BS-V-1107	BS-PS 289/934 CHECK VALVE				AB 305: INSIDE BS-PS-289 CABINET	1AB305135
BS-V-1108	BS-PS 290/937 CHECK VALVE				AB 305: INSIDE BS-PS-290 CABINET	1AB305135
BS-V-1109	BS-PS 283/932 CHECK VALVE				AB 305: INSIDE BS-PS-283/932 CABINET	1AB305135
BS-V-1110	BS-PS 284/935 CHECK VALVE				AB 305: INSIDE BS-PS-284/935 CABINET	1AB305135
BS-V-1111	BS-PS 286/933 CHECK VALVE				AB 305: INSIDE BS-PS-286 CABINET	1AB305135
BS-V-1112	BS-PS 287/936 CHECK VALVE				AB 305: INSIDE BS-PS-287 CABINET	1AB305135
BS-V-1113	BS-PS 289/934 CHECK VALVE				AB 305: INSIDE BS-PS-289 CABINET	1AB305135
BS-V-1114	BS-PS 290/937 CHECK VALVE				AB 305: INSIDE BS-PS-290 CABINET	1AB305135
BS-V-12B	SODIUM HYDROXIDE TANK VENT VALVE				ON TOP OF SODIUM HYDROXIDE TANK EAST SIDE	1PA 110
BS-V-19	SODIUM HYDROXIDE TK DRAIN				SW SIDE OF NA3OH TANK 3IN FROM TANK 18IN ABV CONCRETE BASE	1PA 110
BS-V-1A	RB SPRAY HEADER ISOLATION				AB 281 SM LEAKOFF FUNNEL ALONG RB 10 FT ABOVE FLOOR ON MEZZANINE	1AB281050
BS-V-1A	CONTAINMENT ISOLATION BS-P-1A DISCH ISOL VLV OP				MEZZANINE NEAR RM-L-2&3 EL.283-0 PEN.308	
BS-V-1A-BK	1A ES VALVES MCC UNIT 5C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
BS-V-1B	RB SPRAY HEADER ISOLATION VALVE (B.5.B COMPONENT)				AB281 BY MU VLV ALLEY 10 FROM LADDER ON LEFT: ON MEZZANINE LEVEL	1AB281055
BS-V-1B	CONTAINMENT ISOLATION BS-P-1B DISCH ISOL VLV OP				MEZZANINE NEAR RM-L-2&3 EL.283-0 PEN.308	
BS-V-1B-BK	1B ES VALVES MCC UNIT 7B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
BS-V-21A	SODIUM THIO TANK OUTLET CHECK VALVE				A DH VAULT N WALL E OF HEAT EXC HANGER 4 ABOVE FLR CHECK VALVE	1AB261051
BS-V-21B	SODIUM THIO TANK OUTLET CHECK VALVE				"B" DH VAULT AT CENTER OF HEADER ON NORTH WALL 4' ABOVE FLOOR	1AB261056
BS-V-23A	BS-P-1A SUCT CHECK VLV INTERNALS REMOVED				A DH VAULT NORTH WALL AT EAST END OF VALVE HEADER 1 ABOVE FLR	1AB261051
BS-V-23B	BS-P-1B SUCT CHECK VLV INTERNALS REMOVED				B DH VAULT ON HEADER ON NORTH WALL NEAR FLOOR LEVEL CHECK VALVE	1AB261056
BS-V-24A	BS-P-1A DISCH ISOLATION TEST VALVE				A BS VLT @ E END OF VLT 15FT ABV FLR ABV WALL MOUNTING BRACKET	1AB261052
BS-V-24B	BS-P-1B DISCH ISOLATION TEST VALVE				"B" SPRAY VAULT EAST OF PUMP ALONG EAST WALL 15' ABOVE FLOOR	1AB261057
BS-V-25A	BS PUMP SUCTION CROSS CONNECT VALVE				AB281 EAST OF DH-V-5A AT FLR(HANDWHEEL); VLV IS IN "A" DH VAULT	1AB261052
BS-V-25B	BS PUMP SUCTION CROSS CONNECT VALVE				AB281 E OF DH-V-5B AT FLR (HANDWHEEL); VLV IS IN "B" DH VAULT	1AB261057
BS-V-2A	NAOH TANK SUCTION ISOLATION VALVE				AUX BLDG 281 ALONG WALL 8' E OF DH- V-5A 2' ABOVE FLOOR	1AB281050
BS-V-2A	NAOH TANK OUTLET A ISOL VALVE OPERATOR				8FT EAST OF DH-V-5A EL.283-11	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-2A-BK	1A ES VALVES MCC UNIT 1A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
BS-V-2B	NAOH TANK SUCTION ISOLATION VALVE				AB 281 4' E OF ENTRANCE TO "B" RB SPRAY VAULT 2' ABOVE FLOOR	1AB261055
BS-V-2B	NAOH TANK OUTLET B ISOL VALVE OPERATOR				BUILDING SPRAY VAULT ENTRANCE EL. 284-14	
BS-V-2B-BK	1B ES VALVES MCC UNIT 1A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
BS-V-30A	CONTAINMENT ISOLATION RB SPRAY HEADER CHECK VALVE				W SIDE ON O/S WALL 30FT S OF S/WAY 9FT UP 3FT S OF VENT FAN DUCT	1RB279000
BS-V-30B	CONTAINMENT ISOLATION RB SPRAY HEADER CHECK VALVE				W SIDE ON O/S WALL: 12FT BEFORE REACHING SUMP: 9FT OVERHEAD	1RB279000
BS-V-31	NAOH TANK SAMPLE & LI 819 LO SIDE ISOL				W SIDE OF NAOH TANK 3IN FR OM TANK 18IN ABV CONCRETE BASE	1PA 110
BS-V-32A	'A' RB SPRAY HDR AIR TEST VALVE				W SIDE ON O/S WALL 30FT S OF S/WAY 9FT UP 3FT S OF VENT DUCT	1RB279000
BS-V-32B	'B' RB SPRAY HDR AIR TEST VALVE				W SIDE ON OUTSIDE WALL 12FT BEFORE REACHING SUMP 9FT OVERHEAD	1RB279000
BS-V-33A	BS-P-1A LOW PRESS CASING DRAIN				"A" SPRAY VAULT EAST OF PUMP AT FLOOR LEVEL	1AB261052
BS-V-33B	BS-P-1B LOW PRESS CASING DRAIN				"B" SPRAY VAULT EAST OF PUMP AT FLOOR LEVEL	1AB261057
BS-V-34A	BS-P-1A CASING VENT VALVE				"A" SPRAY VAULT: EAST OF PUMP: 1FT ABOVE FLOOR	1AB261052
BS-V-34B	BS-P-1B CASING VENT VALVE				"B" SPRAY VAULT: EAST OF PUMP: 1 FT ABOVE FLOOR	1AB261057
BS-V-37A	RB PRESS INST ISOLATION				N MU-F-4 MANIFOLD ALONG RB WALL 10FT ABV FL & BEHIND WDL-V-304	1AB305135
BS-V-37B	RB PRESS INST ISOLATION				N MU-F-4 MANIFOLD @ RB WALL 4FT UP & BEHND STEEL PLT ELEC JUNC BX	1AB305135
BS-V-37C	RB PRESS INST ISOLATION				6 N OF SEAL INJECTION FILTER MAN IFOLD ALONG RB WALL 6 ABOVE FLR	1AB305135
BS-V-37D	RB PRESS INST ISOLATION				6 N OF SEAL INJECTION FILTER MAN IFOLD ALONG RB WALL 4 ABOVE FLR	1AB305135
BS-V-3A	BS-P-1A SUCTION VALVE				A DH VAULT: NORTH WALL: EAST END OF VALVE HEADER: 2 FT ABOVE FLR	1AB261051
BS-V-3A	BS-P-1A SUCTION VALVE OPERATOR				DECAY HEAT VAULT 'A' EL. 265-8	1AB261051
BS-V-3A-BK	1A ES VALVES MCC UNIT 2A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
BS-V-3B	BS-P-1B SUCTION VALVE				"B" DH VAULT AT E END OF HEADER ON NORTH WALL 2' ABOVE FLOOR	1AB261056
BS-V-3B	BS-P-1B SUCTION VALVE OPERATOR				DECAY HEAT VAULT 'B' EL. 268-0	1AB261056
BS-V-3B-BK	1B ES VALVES MCC UNIT 2A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-40	NAOH TANK NITROGEN SUPPLY				E NAOH TK VLV COVERED BY INSUL LAG RUN UP SIDE TK ONLY VLV WHEEL	1PA 110
BS-V-41A	BS-P-1A DISCHARGE ISOLATION				"A" SPRAY VAULT EAST OF PUMP 5' ABOVE FLOOR	1AB261052
BS-V-41B	BS-P-1B DISCH ISOLATION VALVE (B.5.B COMPONENT)				"B" SPRAY VAULT EAST OF PUMP 5' ABOVE FLOOR	1AB261057
BS-V-45A	BS-P-1A SUCTION RELIEF VALVE				RELIEF VALVE "A" SPRAY VAULT ABOVE PUMP 7' ABOVE FLOOR	1AB261052
BS-V-45B	BS-P-1B SUCTION RELIEF VALVE				RELIEF VALVE "B" SPRAY VAULT ABOVE PUMP 7' ABOVE FLOOR	1AB261057
BS-V-47A	BS-V-1A DISCH TEST VALVE				AB 281 ABOVE SMALL LEAKOFF FUNNEL ALONG RX BLDG WALL 8 ABOVE FLR	1AB281050
BS-V-47B	BS-V-1B DISCH TEST VALVE				4FT TO RIGHT OF LARGE LEAKOFF FUNNEL ALONG RB WALL 8 ABOVE FLR	1AB281055
BS-V-48A	BS PUMP SUCTION LINE DRAIN				"A" DH VAULT N WALL EAST OF HEAT EXCHANGER AT FLOOR LEVEL	1AB261051
BS-V-48B	BS PUMP SUCTION LINE DRAIN				"B" DH VAULT AT THE W END OF THE HEADER ON N WALL AT FLOOR LEVEL	1AB261056
BS-V-49A	NAOH TANK OUTLET TO BS-V-2A ISOL VALVE				ALONG WALL 9' EAST OF DH-V-5A 6' ABOVE FLOOR	1AB281050
BS-V-49B	NAOH TANK OUTLET TO BS-V-2B ISOL VALVE				6' EAST OF ENTRANCE TO "B" RB SPRAY VAULT 6' ABOVE FLOOR	1AB281055
BS-V-50A	BS-V-2A TO BS PUMP SUCTION DRAIN				ALONG WALL 7' EAST OF DH-V-5A 1' ABOVE FLOOR	1AB281050
BS-V-50B	BS-V-2B TO BS PUMP SUCTION DRAIN				2' EAST OF ENTRANCE TO "B" RB SPRAY VAULT 1' ABOVE FLOOR	1AB281055
BS-V-52A	NAOH TANK OUTLET CHECK VALVE				CHECK VALVE ALONG WALL 6' EAST OF DH-V-5A 7' ABOVE FLOOR	1AB281050
BS-V-52B	NAOH TANK OUTLET CHECK VALVE				CHECK VALVE ABOVE ENTRANCE TO "B" RB SPRAY VAULT 4' ABOVE FLOOR	1AB281055
BS-V-53A	SODIUM THIOSULFATE TANK OUTLET ISOL.				"A" DH VAULT NORTHWALL EAST OF HEAT EXCHANGER 4' ABOVE FLOOR	1AB261051
BS-V-53B	SODIUM THIOSULFATE TANK OUTLET ISOL.				B DH VAULT ON THE W END OF THE HEADER ON THE N WALL 4 ABOVE FLR	1AB261056
BS-V-54A	BS-V-2A TO BS-P-1A SUCT ISOL VALVE				ALONG WALL 7' EAST OF DH-V-5A 6' ABOVE FLOOR	1AB281050
BS-V-54B	BS-V-2B TO BS-P-1B SUCT ISOL VALVE				ABOVE ENTRANCE TO "B" RB SPRAY VAULT 4' ABOVE FLOOR	1AB281055
BS-V-56A	NAOH TANK TEST DRAIN VALVE				ALONG WALL 9' EAST OF DH-V-5A 1' ABOVE FLOOR	1AB281050
BS-V-56B	NAOH TANK TEST DRAIN VALVE				6' EAST OF ENTRANCE TO "B" RB SPRAY VAULT 1' ABOVE FLOOR	1AB281055
BS-V-60A	BS-P-1A RECIRC TO BWST ISOLATION (B.5.B COMPONENT)				NEAR SMALL LEAKOFF FUNNEL ALONG RB WALL 5FT W FUNNEL 6FT ABV FLR	1AB281050

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
BS-V-60B	BS-P-1B RECIRC TO BWST ISOLATION (B.5.B COMPONENT)				10' EAST OF ENTRANCE TO "B" RB SPRAY VAULT 6' ABOVE FLOOR	1AB281055
BS-V-62	SODIUM HYDROXIDE TK. FILL VALVE				EAST SIDE OF SODIUM HYDROXIDE TANK 7 FT ABOVE THE BASE	1PA 110
BS-V-63A	DH/BS SUCTION HDR RELIEF VALVE				AB 281 FT ELEV: 9 FT EAST OF DH-V-5A; ALONG WALL: 6 FT ABOVE FLR	1AB281050
BS-V-63B	DH/BS SUCTION HDR RELIEF VALVE				AB281 2FT E OF ENTRANCE TO B RB SPRAY VAULT: 2 ABOVE FLR	1AB281055
BS-V-64A	BS-P-1A HP CASING DRAIN VALVE				A SPRAY VAULT BETWEEN PUMP & MOTOR ON NORTH SIDE AT FLOOR LEVEL	1AB261052
BS-V-64B	BS-P-1B HP CASING DRAIN VALVE				"B" SPRAY VAULT NORTH OF PUMP AT FLOOR LEVEL	1AB261057
BS-V-72	NAOH TANK SAMPLE				SW SIDE NAOH TK:UNDR HT PNL BX:3IN ABV CONCRETE BASE,EXT BS-V-31	1PA 110
BS-V-74	BS-P-1A SEAL FLUSH INJECT. VALVE				A BS VAULT SOUTH SIDE OF PUMP	1AB261052
BS-V-75	BS-P-1A SEAL FLUSH SUPPLY VALVE				A BS VAULT EAST SIDE OF PUMP	1AB281052
BS-V-76	BS-P-1A SEAL FLUSH RETURN VALVE				A BS VAULT EAST SIDE OF PUMP	1AB261052
BS-V-77	BS-P-1B SEAL FLUSH INJECT. VALVE				B BS VAULT SOUTH OF PUMP	1AB261057
BS-V-78	BS-P-1B SEAL FLUSH SUPPLY VALVE				B BS VAULT EAST END OF PUMP	1AB261057
BS-V-79	BS-P-1B SEAL FLUSH RETURN VALVE				B BS VAULT EAST END OF PUMP	1AB261057
BS-V-83	SODIUM HYDROXIDE SUPPLY PIPING HIGH POINT VENT				281 EL AB NORTH NEAR MEZZANINE 20 FEET UP	
BS-V-84A	BS-V-52A UPSTREAM VENT				UPSTREAM OF BS-V-52A	1AB281000
BS-V-84B	BS-V-52B UPSTREAM VENT				LOCATED UPSTREAM OF BS-V-52B	1AB281050
BS-V-85A	BS-P-1A SUCTION SIDE HIGH POINT VENT				ABOVE BS-P-1A ON TOP OF SUCTION PIPING	1AB261052
BS-V-85B	BS-P-1B SUCTION SIDE HIGH POINT VENT				ABOVE BS-P-1B APPROX 14 FOOT OFF FLOOR	1AB261057
BS-V-86	MANUAL AIR VENT BETWEEN BS-V-25A AND BS-V-25B				IN "B" DH VAULT. NEXT TO BS-V-25B	1AB261056
BS-V-87A	BS-P-1A SUCTION SIDE HIGH POINT VENT				6 FOOT OFF FLOOR NEXT TO BS-P-1A	1AB281052
BS-V-87B	BS-P-1B SUCTION SIDE HIGH POINT VENT				LOCATED 6' OFF OF FLOOR NEXT TO BS-P-1B	1AB261057
BS-V-88	SODIUM HYDROXIDE SUPPLY PIPING HIGH POINT VENT				LOCATED APPROX 6' ABOVE FLOOR TO LEFT OF DH-V-14A	1AB281000
BW-H-0001	BWST TANK NORTH HEATER	YD	305	BWST		
BW-H-0002	BWST TANK SOUTH HEATER	YD	305	BWST		
CA-C-0001	PZR SAMPLE COOLER	CB	306	NUC SAMPLE ROOM		
CA-C-0002A	OTSG A SAMPLE COOLER	CB	306	NUC SAMPLE ROOM		
CA-C-0002B	OTSG B SAMPLE COOLER	CB	306	NUC SAMPLE ROOM		
CA-M-1-BK	1A ES MCC UNIT 14A (BAMT MIXER)				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
CA-P-1A-BK	1A ES MCC UNIT 14B				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
CA-P-1B-BK	1B ES MCC UNIT 2C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
CA-P-4-BK	1C ES VALVES MCC UNIT 10B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
CA-PNL-1-BK	VBA SW# 13:CHEM ADD PANEL/CB 355,380 FIRE DET/CA-T1 HTR/ZINC INJ				CONTROL TWR 322: A INVERTER ROOM	1CB322200
CA-T-1HTR-A-BK	1A ES MCC UNIT 15D: BAMT "A" HEATER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CA-T-1HTR-B-BK	1B ES MCC UNIT 1F: BMT "B" HEATER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
CA-V-1	PRESSURIZER SAMPLE ISOLATION VALVE				RX BLDG 305, NEAR CF-T-1B ON SECONDARY SHIELD WALL	1RB308100
CA-V-1	PZR SMPLE ISOL VLV OP				NEAR CF-T-1B EL 310-10 PEN.328	
CA-V-104A	CA-V-4A ISOLATION TEST VALVE				RX BLDG 305 TO RIGHT OF PERSONNEL HATCH AT CA-V-4A	1RB308100
CA-V-104B	CA-V-4B ISOLATION TEST VALVE				RX BLDG 305 TO RIGHT OF PERSONNEL HATCH AT CA-V-4B	1RB308100
CA-V-128A	MU-K-1A RESIN FLUSH WATER ISOL				305' AB NORTH WALL MINI VALVE ALLEY EAST END 8' OFF FLOOR	1AB305145
CA-V-128B	MU-K-1B RESIN FLUSH WATER ISOL				305' AB NORTH WALL MINI VALVE ALLEY WEST END 7' OFF FLOOR	1AB305145
CA-V-129A	MU-K-1A RESIN ADDITION ISOLATION VLV				305' AB NORTH WALL MINI VALVE ALLEY EAST END 8' OFF FLOOR	1AB305145
CA-V-129B	MU-K-1B RESIN ADDITION ISOLATION VLV				305' AB NORTH WALL MINI VALVE ALLEY EAST END 8' OFF FLOOR	1AB305145
CA-V-13	RC SAMPLE CONTAINMENT ISOL VLV (INSIDE)				RX BLDG 305, NEAR CF-T-1B ON SECONDARY SHIELD WALL	1RB308100
CA-V-13	CONTAINMENT ISOLATION RCS LETDOWN SAMPLE VLV OP				NEAR CF-T-1B @ EL.311-0	
CA-V-130A	MU-K-1A DEMIN BACKWASH ISOLATION VLV				305' AB NORTH WALL MINI VALVE ALLEY CENTER 4' OFF FLOOR	1AB305145
CA-V-130B	MU-K-1B DEMIN BACKWASH ISOLATION VLV				305' AB NORTH WALL MINI VALVE ALLEY WEST END 4' OFF FLOOR	1AB305145
CA-V-131A	MU-K-1A BED FLUFFING N2 SUPPLY VLV				305' AB NORTH WALL MINI VALVE ALLEY CENTER 3' OFF FLOOR	1AB305145
CA-V-131B	MU-K-1B BED FLUFFING N2 SUPPLY VLV				305' AB NORTH WALL MINI VALVE ALLEY WEST END 3' OFF FLOOR	1AB305145
CA-V-134	RECLAIMED WATER TO BWST HDR ISOLATION				AUX BUILDING 281 ABOVE BS-P-1B HATCH	1AB281055
CA-V-13-BK	1B ES VALVES MCC UNIT 5C				AUX BLDG 305: ROOM SOUTH OF RADWASTE PNL	1AB305130
CA-V-189	RECLAIMED WATER TO REACTOR BUILDING				AUX BUILDING 281, SHIELDED AREA AGAINST RB WALL	1AB281055
CA-V-189	CONTAINMENT ISOLATION RECLAIMED WATER TO RB VLV				SHIELDED AREA AGAINST RB WALL PEN 307	
CA-V-189.1	CONTAINMENT ISLOATION RECLAIMED WATER VLV SOLND				COLUMN & CONTAINMENT WALL @ EL 284-0	
CA-V-191	RECLAIMED TEST CONNECTION				RX BLDG 281 AT RB PENETRATION 307	1RB279000
CA-V-192	CONTAINMENT ISOL RECLAIMED FEED INSIDE RB CHECK VALVE				RB BLDG 281 AT RB PENETRATION 307	1RB279000
CA-V-1-BK	1B ES VALVES MCC UNIT 7D				AUX BLDG 305: ROOM SOUTH OF RADWASTE PNL	1AB305130
CA-V-2	REACTOR COOLANT SAMPLE ISOLATION VALVE				AUX BLDG 305, DC/NS AREA ON REACTOR WALL	1AB305130
CA-V-2	CONTAINMENT ISOLATION RC SAMPLE VALVE ACTUATOR				NEAR PENETR.328 @ AZ230 DEG EL.307-0	
CA-V-2.1	CONTAINMENT ISOLATION RC SAMPLE ISOL VLV SOLND				NEAR PENETR.328 @ AZ230 DEG EL.307-0	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CA-V-20	EDIPRESS STEAM SPACE SAMPLE ISOLATION V				RX BLDG. A DRING ABOVE PRZR 8' UNDER MIS SLE SHIELD	1RBDR 515
CA-V-21	PRESS WATER SPACE SAMPLE ISOLATION VALVE				RX BLDG INSIDE ADRING 6' EAST OF TYGON L. LEVEL IND	1RBDR 515
CA-V-236A	MU-K-1A SPENT RESIN FLUSH ISOLATION VLV				305 AB. MINI VALVE ALLEY NORTH WA LL E OF CENTER LINE, 2 OFF FLR	1AB305145
CA-V-236B	MU-K-1B SPENT RESIN FLUSH ISOLATION VLV				305' AUX BLDG. MINI VALVE ALLEY NORTH WALL 2' OFF FLOOR	1AB305145
CA-V-24	RC LETDOWN SAMPLE ISOL VALVE (CE-104)				RX BLDG 281, 8' ABOVE RB SUMP, 8' FROM WALL OVER GR	1RB273010
CA-V-3	REACTOR COOLANT LIQUID SAMPLE ISOL VALVE				RX BLDG 305, NEAR CF-T-1B ON SECONDARY SHIELD WALL	1RB308100
CA-V-3	PZR WTR SAMPLE VLV OP				NEAR CF-T-1B @ EL.310-10	
CA-V-370A	RB PENETRATION 211 RELIEF VLV ISOLATION				305 TURB BLDG BY CAV-5A/B AND RB WALL	1TB305100
CA-V-370B	RB PENETRATION 210 RELIEF VLV ISOLATION				305 TURB BLDG BY CAV-5A/B NEAR RB WALL	1TB305100
CA-V-371	RB PENETRATION 328 RELIEF VLV ISOLATION				AB 305 BETWEEN CA-V-2 AND RB WALL	1AB305130
CA-V-372	RB PENETRATION 307 RELIEF VLV ISOLATION				AUX BLDG 291: AT RB PENET 291 (CA-V- 189)	1AB281055
CA-V-3-BK	1B ES VALVES MCC UNIT 6E				AUX BLDG 305: ROOM SOUTH OF RADWASTE PNL	1AB305130
CA-V-431	PRESSURIZER WATER SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-432	PRESSURIZER WATER SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-433	PRESSURIZER GAS SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-434	PRESSURIZER GAS SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-435	LETDOWN SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-436	LETDOWN SAMPLE ISOLATION VALVE				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CF-T-1B	1RB308100
CA-V-437	LLRT VALVE FOR CA-V-13				REACTOR BLDG 308' ELEV, SOUTHWEST AREA, NEAR CA-V-13	1RB308100
CA-V-444	PENETRATION 307 TEST ISOLATION VALVE				@ PEN 307	1AB281055
CA-V-445	PENETRATION 328 TEST ISOLATION VALVE				@ PEN 328	
CA-V-447A	PENETRATION 211 TEST ISOLATION VALVE				PEN 211	
CA-V-447B	PENETRATION 210 TEST ISOLATION VALVE				PEN 210	
CA-V-449A	PENETRATION 211 RELIEF VALVE				TURBINE BUILDING PENETRATION 211 ELEV. 313	1TB305100
CA-V-449B	PENETRATION 210 RELIEF VALVE				TURBINE BUILDING PENETRATION 210 ELEV. 313	1TB305100
CA-V-4A	STEAM GENERATOR A FEED WATER SAMPLE VLV				REACTOR BUILDING 305 INSIDE PERSONELL HA TCH TO RIGHT	1RB308100
CA-V-4A	CONTAINMENT ISOLATION OTSG A FW SMPLE VLV OP				ON STEAM GENERATOR 'A' EL.311-0	

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CA-V-4A-BK	1A ES VALVES MCC UNIT 6E				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
CA-V-4B	STEAM GENERATOR B FEED WATER SAMPLE VLV				REACTOR BUILDING 305 INSIDE PERSONELL HA TCH TO RIGHT	1RB308100
CA-V-4B	CONTAINMENT ISOLATION OTSG B FW SAMPLE VLV OP				BELOW PENETR.214 @ EL.311-0	
CA-V-4B-BK	1B ES VALVES MCC UNIT 6D				AUX BLDG 305: ROOM SOUTH OF RADWASTE PNL	1AB305130
CA-V-5A	STEAM GENERATOR A FEED WATER SAMPLE ISOL				TURB BLDG 305 EL WEST OF COND BOOSTER PUMP HEADER	1TB305100
CA-V-5A	CONTAINMENT ISOLATION OTSG A FW SAMPLE ACTUATOR				TURB BLDG 305 EL WEST OF COND BOOSTER PUMP HEADER	1TB305100
CA-V-5A1	CONTAINMENT ISOLATION OTSG A FW SAMPLE ISOL SLD				BEHIND COND BSTR PMP HD	1TB305100
CA-V-5B	STEAM GENERATOR B FEED WATER SAMPLE ISOL				TURBINE BUILDING FIRST FLR BEHIND COND ESATE BOOSTER PUMP HEADER	1TB305100
CA-V-5B	CONTAINMENT ISOLATION OTSG B FW SAMPLE ACTUATOR				TURB BLDG 305 EL WEST OF COND BOOSTER PUMP HEADER	1TB305100
CA-V-5B1	CONTAINMENT ISOLATION OTSG B FW SAMPLE ISOL SLD				BEHIND COND BSTR PMP HD	1TB305100
CC	CONTROL RM CONSOLE CENTER CONTROL PANEL				IN CONTROL RM, S OF COMPUTER CONSOLE	1CB355401
CC	(UNIT 4) MN CR CONSOLE GP METER PNL				'B' INVERTER ROOM VBD 120V DP 4	
CC-V-136	PENETRATION #106 TEST CONN ISOL VALVE				15FT ABOVE FLR AT STAIRS NEAR INDUSTRIAL COOLERS CHEM ADD AREA	1TB305100
CC-V-174	PENETRATION #105 TEST CONN ISOL VALVE				15FT ABOVE FLR AT STAIRS NEAR INDUSTRIAL COOLERS CHEM ADD AREA	1TB305100
CF1-PT-1	CF-T-1A PRESSURE TRANSMITTER				RB 310 EL WEST OF CF-T-1A ON D-RING WALL	1RB308100
CF1-PT-2	CF-T-1A PRESSURE TRANSMITTER				RB 310 EL WEST OF CF-T-1A ON D-RING WALL	1RB308100
CF1-PT-3	CF-T-1B PRESSURE TRANSMITTER				RB 310 EL ON D-RING WALL NW OF CF-T-1B	1RB308100
CF1-PT-4	CF-T-1B PRESSURE TRANSMITTER				RB EL 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF2-LT-1	CF-T-1A LEVEL TRANSMITTER				RB 310 EL WEST OF CF-T-1A ON D-RING WALL	1RB308100
CF2-LT-2	CF-T-1A LEVEL TRANSMITTER				RB 310 EL WEST OF CF-T-1A ON D-RING WALL	1RB308100
CF2-LT-3	CF-T-1B LEVEL TRANSMITTER				RB 310 EL ON D-RING NW OF CF-T-1B	1RB308100
CF2-LT-4	CF-T-1B LEVEL TRANSMITTER				RB 310 EL ON POST BETWEEN CF-T-1B AND CONTAINMENT WALL	1RB308100
CF-T-1A	'A' CORE FLOOD TANK				RB 308' NORTH EAST SIDE OF D RING	1RB308100
CF-T-1B	'B' CORE FLOOD TANK				RB 308' SOUTH WEST SIDE OF D RING	1RB308100
CF-V-10	650 LBS N2 TO CF-T-1A/B ISOL VALVE				CUBICLE BEHIND SEAL INJ FILTERS IN SE CORNER 4 1/2 ABOVE FLR	1AB305135
CF-V-1000	CF2-LT2 LOW SIDE / CF1-PT2 ROOT VALVE				RB 1ST FLOOR NW SIDE 'A' CFT 18' ABOVE FLOOR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CF-V-1001	CF2-LT2 HIGH SIDE ROOT VALVE				RB 1ST FLOOR NW SIDE OF 'A' CFT 7' ABOVE FLOOR	1RB308100
CF-V-1002	CF2-LT1 LOW SIDE / CF1-PT1 ROOT VALVE				RB 1ST FLOOR SW SIDE OF A CFT 18 ABOVE FLOOR AT GRATING OVERHEAD	1RB308100
CF-V-1003	CF2-LT1 HIGH SIDE ROOT VALVE				RB 1ST FLOOR SW SIDE OF A CFT 7' ABOVE FLOOR	1RB308100
CF-V-1004	CF2-LT3 LOW SIDE / CF1-PT3 ROOT VALVE				RB 2ND FLOOR DOWN TO TOP OF B CFT 8' DOWN FROM TOP OF NW CORNER	1RB346200
CF-V-1005	CF2-LT3 HIGH SIDE ROOT VALVE				RB 1ST FLOOR NW SIDE OF B CFT AT LADDER 7' ABOVE FLOOR	1RB308100
CF-V-1006	CF2-LT4 LOW SIDE / CF1-PT4 ROOT VALVE				RB 2ND FLOOR DOWN TO TOP OF B CFT 8' DOWN FROM TOP AT SW CORNER	1RB346200
CF-V-1007	CF2-LT4 HIGH SIDE ROOT VALVE				RB 308 ELEV WEST OF CF-T-1B 7' ABOVE FLOOR	1RB308100
CF-V-1008	CF1-PT1 ISOLATION VALVE				RB 1ST FLOOR ON N SIDE D RING 8' W OF A CFT 3' ABOVE FLOOR	1RB308100
CF-V-1009	CF1-PT2 ISOLATION VALVE				RB 1ST FLR ON N SIDE OF D RING WALL 12' W OF CF-T-1A 3 ABOVE FLR	1RB308100
CF-V-1010	CF1-PT3 ISOLATION VALVE				RB 1ST FLOOR 6' NW OF B CF TANK 1 FROM D RING WALL 4 ABOVE FLOOR	1RB308100
CF-V-1011A	CF1-PT4 ISOLATION VALVE				RB EL 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1011B	CF1-PT4 ISOLATION VALVE				RB EL 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1012	CF2-LT1 LOW SIDE ISOLATION VALVE				ON N SIDE OF D RING WALL 8FT W OF A CF TANK 6 1/2FT ABOVE FLR	1RB308100
CF-V-1013	CF2-LT1 HIGH SIDE ISOLATION VALVE				ON N SIDE OF D RING WALL 8' W OF A CF TANK 6 1/2 ABOVE FLR	1RB308100
CF-V-1014A	CF2-LT1 VLV MANIFOLD HI SIDE ISOLATION				ON N SIDE OF D RING WALL 8FT W OF A CF TANK 6 1/2FT ABOVE FLR	1RB308100
CF-V-1014B	CF2-LT1 VLV MANIFOLD LO SIDE ISOLATION				ON N SIDE OF D RING WALL 8FT W OF A CF TANK 6 1/2FT ABOVE FLR	1RB308100
CF-V-1014C	CF2-LT1 VLV MANIFOLD EQUALIZING VALVE				ON N SIDE OF D RING WALL 8FT W OF A CF TANK 6 1/2FT ABOVE FLR	1RB308100
CF-V-1014D	CF2-LT1 VLV MANIFOLD HI/LO TEST CONNECT				ON N SIDE OF D RING WALL 8FT W OF A CF TANK 6 1/2FT ABOVE FLR	1RB308100
CF-V-1014E	CF2LT1 LO SIDE TEST CONN 5 VALVE MANIFOLD				8' W OF 'A' CF TNK 6.5' ABOVE FLOOR	
CF-V-1015	CF2-LT2 HIGH SIDE ISOLATION VALVE				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100
CF-V-1016	CF2-LT2 LOW SIDE ISOLATION VALVE				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100
CF-V-1017A	CF2-LT2 VLV MANIFOLD HI SIDE ISOLATION				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CF-V-1017B	CF2-LT2 VLV MANIFOLD LO SIDE ISOLATION				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100
CF-V-1017C	CF2-LT2 VLV MANIFOLD EQUALIZING VALVE				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100
CF-V-1017D	CF2-LT2 VLV MANIFOLD HI/LO TEST CONNECT				RB 1ST FLOOR N SIDE OF D RING WALL 12 W OF A CF TANK 5 ABOVE FLR	1RB308100
CF-V-1018	CF1-PT1 AND CF2-LT1 LOW SIDE DRAIN				RB 1ST FLR ON N SIDE OF D RING WALL 9 W OF A CF TANK 1 ABOVE FLR	1RB308100
CF-V-1019	CF2-LT1 HIGH SIDE DRAIN				RB 1ST FLOOR N SIDE D RING WALL 9 FT W OF A CFT	1RB308100
CF-V-1020	CF1-PT2 AND CF2-LT2 LOW SIDE DRAIN				RB 1ST FLR ON N SIDE OF D RING WALL 12 W OF A CF TANK 1 ABOVE FLR	1RB308100
CF-V-1021	CF2-LT2 HIGH SIDE DRAIN				RB 1ST FLOOR N SIDE D RING WALL 12 FT W OF A CFT : 1FT ABOVE FLR	1RB308100
CF-V-1022	CF2-LT3 HIGH SIDE ISOLATION VALVE				RB 308 B CFT 7' ABOVE FLOOR NEAR LADDER TO PLATFORM	1RB308100
CF-V-1023	CF2-LT3 LOW SIDE ISOLATION VALVE				RB 308 B CFT 7' ABOVE FLOOR NEAR LADDER TO PLATFORM	1RB308100
CF-V-1024A	CF2-LT3 VLV MANIFOLD HI SIDE ISOLATION				B CFT 7' ABOVE FLOOR NEAR LADDER TO PLAT FORM	1RB308100
CF-V-1024B	CF2-LT3 VLV MANIFOLD LO SIDE ISOLATION				B CFT 7' ABOVE FLOOR NEAR LADDER TO PLAT FORM	1RB308100
CF-V-1024C	CF2-LT3 VLV MANIFOLD EQUALIZING VALVE				B CFT 7' ABOVE FLOOR NEAR LADDER TO PLAT FORM	1RB308100
CF-V-1024D	CF2-LT3 VLV MANIFOLD HI/LO TEST CONNECT				B CFT 7' ABOVE FLOOR NEAR LADDER TO PLAT FORM	1RB308100
CF-V-1025	CF2-LT4 HIGH SIDE ISOLATION VALVE				RB 1ST FLOOR 2' SW OF BCFT BEHIND VERTICAL BEAM	1RB308100
CF-V-1025A	CF2-LT4 HIGH SIDE ISOLATION VALVE				RB 308 EL WEST OF CF-T-1B INSTRUMENT RACK	1RB308100
CF-V-1026	CF2-LT4 LOW SIDE ISOLATION VALVE				RB 308 EL WEST OF CF-T-1B 7' ABOVE FLOOR	1RB308100
CF-V-1026A	CF2-LT4 LOW SIDE ISOLATION VALVE				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1027A	CF2-LT4 VLV MANIFOLD HI SIDE ISOLATION				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1027B	CF2-LT4 VLV MANIFOLD LO SIDE ISOLATION				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1027C	CF2-LT4 VLV MANIFOLD EQUALIZING VALVE				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1028	CF2-LT3 HIGH SIDE AND CF1-PT3 DRAIN				RB 1ST FLOOR S SIDE D RING WALL 12' W OF B CFT	1RB308100
CF-V-1029	CF2-LT4 HIGH SIDE AND CF1-PT4 DRAIN				RB 5FT SW OF B CFT ALONG RB WALL 1FT UP BEHIND VERTICAL BEAM	1RB308100
CF-V-1030	CF2-LT3 LOW SIDE DRAIN				RB 1ST FLOOR 5' NW OF BCFT ALONG D-RING WALL, 1' ABOVE FLOOR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CF-V-1031	CF2-LT4 LOW SIDE DRAIN				RB 1ST FLOOR 2' SW OF BCFT BEHIND VERTICAL BEAM 1' ABOVE FLOOR	1RB308100
CF-V-1033	CF2-LT1 LOW SIDE DRAIN TK INLET ISOL				AT CF2-LT1;	1RB308100
CF-V-1035	CF2-LT1 LOW SIDE DRAIN TANK DRAIN				AT CF2-LT1;	1RB308100
CF-V-1037	CF2-LT2 LOW SIDE DRAIN TK INLET ISOL				AT CF2-LT2;	1RB308100
CF-V-1039	CF2-LT2 LOW SIDE DRAIN TANK DRAIN				AT CF2-LT2;	1RB308100
CF-V-1041	CF2-LT3 LOW SIDE DRAIN TK INLET ISOL				AT CF2-LT3;	1RB308100
CF-V-1043	CF2-LT3 LOW SIDE DRAIN TANK DRAIN				AT CF2-LT3;	1RB308100
CF-V-1045	CF2-LT4 LOW SIDE DRAIN TK INLET ISOL				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-1047	CF2-LT4 LOW SIDE DRAIN TANK DRAIN				RB 308 EL WEST OF CF-T-1B, INSTRUMENT RACK	1RB308100
CF-V-11	CF-T-1A/B FILL VALVE FROM MAKEUP PUMPS				AB305 CUBICLE BEHIND SEAL INJ FILTERS 2 FROM S WALL 4 ABOVE FLR	1AB305135
CF-V-12A	CONTAINMENT ISOLATION - CF-T-1A MAKEUP ISOL CHK VALVE				RB 305 EL ABOVE CF-V-2A	1RB308100
CF-V-12B	CONTAINMENT ISOLATION - CF-T-1B MAKEUP ISOL CHK VALVE				RB 305 EL ABOVE CF-V-2B	1RB308100
CF-V-13A	CF-T-1A MANUAL VENT VALVE				RB 2ND FLOOR UNDER GRATING ABOVE 'A' CF TANK N OF 'A' D-RING	1RB346200
CF-V-13B	CF-T-1B MANUAL VENT VALVE				RB2ND FLR UNDER GRATING SW OF B D-RING WALL ON TOP OF B CF TANK	1RB346200
CF-V-14A	CF-T-1A DRAIN TO RCDT				RB 1ST FLOOR W SIDE 'A' CF TANK 1' ABOVE FLOOR	1RB308100
CF-V-14B	CF-T-1B DRAIN TO RCDT				RB 1ST FLOOR 1' W OF 'B' CF TANK 1' ABOVE FLOOR	1RB308100
CF-V-15A	CF-T-1A DRAIN TO RCDT				RB 1ST FLOOR 3' W OF 'A' CF TANK 1' ABOVE FLOOR	1RB308100
CF-V-15B	CF-T-1B DRAIN TO RCDT				RB 1ST FLOOR 3' W OF 'B' CF TANK 1' ABOVE FLOOR	1RB308100
CF-V-16A	CF-T-1A/B N2 SUPPLY ISOL CHECK VALVE				CUBICLE BEHIND SEAL INJECTION FILTERS 2 FROM S WALL 4 ABOVE FLR	1AB305135
CF-V-17	MAKEUP LINE RELIEF VALVE				CUBICLE BEHIND SEAL INJ FILTERS ABOVE FUEL XFER TUBE DOOR 18 UP	1AB305135
CF-V-18A	CF-T-1A SAMPLE ISOL VALVE (CE-122)				AB305 CUBICLE BEHIND SEAL INJ FILTERS ON E WALL 3 TO 4 ABOVE FLR	1AB305135
CF-V-18B	CF-T-1A BLEED TO MISC WASTE STORAGE TANK				AB305 CUBICLE BEHIND SEAL INJ FILTERS ON E WALL 3 TO 4 ABOVE FLR	1AB305135
CF-V-18C	CF-T-1B BLEED TO MISC WASTE STORAGE TANK				AB305 CUBICLE BEHIND SEAL INJ FILTERS ON E WALL 3 TO 4 ABOVE FLR	1AB305135
CF-V-18D	CF-T-1B SAMPLE ISOL VALVE (CE-121)				AB305 CUBICLE BEHIND SEAL INJ FILTERS ON E WALL 3 TO 4 ABOVE FLR	1AB305135
CF-V-19A	CF-T-1A MAKEUP ISOLATION VALVE				AUX BLDG 305 17' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-19A	CF-V-19A AIR ACTUATOR ON TOP OF VALVE				AUX BLDG 305 17' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-19A-20	AIR SOLENOID FOR CF-V-19A				AB 305 18' ABOVE SEAL INJ FILTER MANIFOLD	1AB305135
CF-V-19B	CF-T-1B MAKEUP ISOLATION VALVE				AB305 16 ABOVE OPENING TO CUBICLE BEHIND SEAL INJECTION FILTERS	1AB305135

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CF-V-19B	CF-V-19B AIR ACTUATOR ON TOP OF VALVE				AUX BLDG 305 17' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-19B-20	AIR SOLENOID FOR CF-V-19B				AB 305 16' ABOVE OPENING TO CUBICLE BEHIND SEAL INJ FILTERS	1AB305135
CF-V-1A	CF-T-1A DISCHARGE ISOLATION VALVE				RB 1ST FLOOR 2' WOF 'A' CF TANK 2' ABOVE FLOOR	1RB308100
CF-V-1A	CF-T-1A DISCHARGE ISOL VALVE OPERATOR				EL 300'7" BELOW CF-T-1A	
CF-V-1A-BK	1C ES VALVES MCC UNIT 3C				1C ESV UNIT 3C BASEMENT OF FUEL HANDLING BLD	1FB281015
CF-V-1B	CF-T-1B DISCHARGE ISOLATION VALVE				RB 1ST FLOOR 1' WOF 'B' CF TANK 2' ABOVE FLOOR	1RB308100
CF-V-1B	CF-T-1B DISCHARGE ISOL VALVE OPERATOR				EL 309'7" BELOW CF-T-1B	
CF-V-1B-BK	1C ES VALVES MCC UNIT 4C				1C ESV UNIT 4C BASEMENT OF FH BLDB NUTRA LIZE TK ROOM	1FB281015
CF-V-20A	CF-T-1A SAMPLE LINE CONTAINMENT ISOL VLV				AUX BLDG 305 16' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-20A	CF-V-20A AIR ACTUATOR ON TOP OF VALVE				AUX BLDG 305 17' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-20A-20	AIR SOLENOID FOR CF-V-20A				AB 305 16' ABOVE SEAL INJ FILTERS	1AB305135
CF-V-20B	CF-T-1B SAMPLE LINE CONTAINMENT ISOL VLV				AB 305 16' ABOVE OPENING TO CUBICLE BEHIND SEAL INJ FILTERS	1AB305135
CF-V-20B	CF-V-20B AIR ACTUATOR ON TOP OF VALVE				AUX BLDG 305 17' ABOVE SEAL INJECTION FILTER MANIFOLD	1AB305135
CF-V-20B-20	AIR SOLENOID FOR CF-V-20B				AB 305 16' ABOVE OPENING TO CUBICLE BEHIND SEAL INJ FILTERS	1AB305135
CF-V-21A	CF-T-1A RELIEF VALVE				RB ON TOP OF CF-T-1A	1RB308100
CF-V-21B	CF-T-1B RELIEF VALVE				RB ON TOP OF CF-T-1B	1RB308100
CF-V-26A	CF-T-1A MAKEUP ISOL VALVE				RB 1ST FLOOR NW SIDE OF 'A' CFT 6' ABOVE FLOOR	1RB308100
CF-V-26B	CF-T-1B MAKEUP ISOL VALVE				RB 1ST FLOOR 8 NW OF B CFT 1 FROM D RING WALL 8 ABOVE FLOOR	1RB308100
CF-V-27A	RB ISOLATION TEST VALVE (CF-V-12A)				RB 1ST FLOOR NW SIDE OF 'A' CFT 4' ABOVE FLOOR	1RB308100
CF-V-27B	RB ISOLATION TEST VALVE (CF-V-12B)				RB 1ST FLOOR 8 NW OF B CFT 1 FROM D RING WALL 6 ABOVE FLOOR	1RB308100
CF-V-28A	RB ISOLATION TEST VALVE (CF-V-19A)				N OF SEAL INJ FILTERS 2 1/2 FROM RB WALL 16 ABV FLR ABV MUV16D	1AB305135
CF-V-28B	RB ISOLATION TEST VALVE (CF-V-19B)				15FT ABV OPENING TO CUBICLE BEHIND SEAL INJ FILTERS NEXT CFV19B	1AB305135
CF-V-29	RB ISOLATION TEST VALVE				AUX BLDG 305 16' ABOVE SEAL INJ FILTER 1' N OF VENTILATION DUCT	1AB305135
CF-V-2A	CF-T-1A SAMPLE VALVE				RB 1ST FLOOR NW SIDE OF 'A' CF TANK 3' ABOVE FLOOR	1RB308100
CF-V-2A	CONTAINMENT ISOLATION CF-T-1A SAMPLE ISOL VLVOP				NORTH OF CF-T-1A EL.311-6	
CF-V-2A-BK	1A ES VALVES MCC UNIT 5A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
CF-V-2B	CF-T-1B SAMPLE VALVE				RB 1ST FLOOR 9' NW OF 'B' CFT ALONG D' RING WALL 3' ABOVE FLOOR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CF-V-2B	CONTAINMENT ISOLATION CF-T-1B SAMPLE ISOL VLVOP				NORTH OF CF-T-1B EL 311-6	
CF-V-2B-BK	1A ES VALVES MCC UNIT 5B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A8305130
CF-V-30A	CF-T-1A DRAIN & SAMPLE ISOL VALVE				RB 1ST FLOOR NW SIDE OF 'A' CFT 3' ABOVE FLOOR	1RB308100
CF-V-30B	CF-T-1B DRAIN & SAMPLE ISOL VALVE				RB 1ST FLOOR 6' W OF 'B' CFT 1' FROM 'D' RING 3' ABOVE FLOOR	1RB308100
CF-V-31A	RB ISOLATION TEST VALVE (CF-V-2A)				RB 1ST FLOOR NW SIDE OF 'A' CFT 1 1/2' ABOVE FLOOR	1RB308100
CF-V-31B	RB ISOLATION TEST VALVE (CF-V-2B)				RB 1ST FLOOR 6' W OF B CFT 1 FROM D RING WALL 1 1/2 ABOVE FLOOR	1RB308100
CF-V-32A	'A' CF/DH CHECK VALVE TEST ISOL VALVE				RB 1ST FLOOR 4' W OF 'A' CFT 2' ABOVE FLOOR	1RB308100
CF-V-32B	'B' CF/DH CHECK VALVE TEST ISOL VALVE				RB 1ST FLOOR 4' W OF 'B' CFT S OF CF- V-1 B 1 1/2' ABOVE FLOOR	1RB308100
CF-V-33A	'A' CF/DH CHECK VALVE TEST ISOL VALVE				RB 1ST FLOOR 9' W OF 'A' CFT 2' ABOVE FLOOR	1RB308100
CF-V-33B	'B' CF/DH CHECK VALVE TEST ISOL VALVE				UP LADDER FRM SUMP; UP LADDER FROM LANDING; LF IN CUBE 2FT HIGH 2 FROM N END OF WALL BEHIN D SEAL IN J FILTER MANIFOLD 4 ABOVE FLR	1RB273010
CF-V-34	CF-T-1A/B FILL FROM CA-P-7				I/S D-RING UP STEPS UP W LADDER 4FT N OF PRIM SHLD IN CTR D RING	1A8305135
CF-V-35A	A CORE FLOOD OUTLET LINE DRAIN VALVE				RB 281 INSIDE D-RING @310 ELEV S OF PRIM SHIELD IN CTR OF D-RING	1RBDR 515
CF-V-35B	B CORE FLOOD OUTLET LINE DRAIN VALVE				RB 1ST FLOOR NE CORNER OF 'A' CFT 4' ABOVE FLOOR	1RBDR 515
CF-V-3A	CF-T-1A VENT TO THE VENT HEADER				RB 1ST FLOOR 1 FROM B CFT BETWEEN TAN K & RB WALL 4 ABOVE FLOOR	1RB308100
CF-V-3B	CF-T-1B VENT TO THE VENT HEADER				AUX BLDG 305: AT RB PENET 348 (CF-V- 20A)	1RB308100
CF-V-45A	RB PENETRATION 348 RELIEF VLV ISOLATION				AUX BLDG 305: AT RB PENET 349 (CF-V- 20B)	1A8305130
CF-V-45B	RB PENETRATION 349 RELIEF VLV ISOLATION				@ PEN 348	1A8305130
CF-V-47A	PENETRATION 348 TEST ISOLATION VALVE				@ PEN 349	
CF-V-47B	PENETRATION 349 TEST ISOLATION VALVE				RB 305 EL APPROX 8' WEST OF CF-T-1A	
CF-V-4A	CF-T-1A OUTLET CHECK VALVE				RB 297 EL IN CF CHECK VALVE RM ABOVE LET DOWN COOLER RM	1RB308100
CF-V-4B	CF-T-1B OUTLET CHECK VALVE				RB 310 EL INSIDE D-RING NORTH OF PRIMARY SHIELD WALL	1RB273010
CF-V-5A	CF-T-1A AND DH PUMP DISCH CHECK VALVE				RB 310 EL INSIDE D-RING SOUTH OF PRIMARY SHIELD WALL	1RBDR 515
CF-V-5B	CF-T-1B AND DH PUMP DISCH CHECK VALVE				IN AH-P-3A&B PUMP ROOM	1RBDR 520
CH-S-2	CB CHILL WTR SUPPLY & MU STRAINER				CONTROL BUILDING CHILLER ROOM 10' FROM D OOR 8' OFF FLOOR.	1CB285000
CH-V-146	NSCC MAKEUP TO CHILLED WATER DRAIN VALVE				CONTROL BUILDING CHILLER ROOM SOUTH OF AH-P-9A 8' OFF FLOOR.	1CB285000
CH-V-17	NUC SERVICE INLET M/U WTR ISOL VALVE					

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CL	CONTROL ROOM CONSOLE LEFT CONTROL PANEL				IN CONTROL RM, SE OF COMPUTER CONSOLE	1CB355401
CL-CE-0776-2	(UNIT 35) CL2 DETECTION A CKTBRK				1P SWGR ROOM 1A ES CT-5 120V DP 35	
CL-M-4-BK	1A ES SCREEN HOUSE MCC UNIT 10BR				INSIDE EE-MCC-SH-1A	1RWPH 100
CL-P-2-BK	1B ES SCREEN HOUSE MCC UNIT 9B				SCREEN HOUSE: NORTH AREA	1RWPH 100
CL-Z-2	(UNIT 7ER)RIVER WATER CHLORINATOR(ABANDONED)				N SIDE GREEN 1B ESSH 480V MCC 7ER	
CM-V-1	RB ATMOSPHERE SAMPLE CONTAINMENT ISOLATION VALVE				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-1	RB ATMOSPHERE SAMPLE ISOLATION VALVE CM-V-1 OPERATOR				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-111	RB ATMOSPHERE SAMPLE ISOL. VALVE CM-V-1 OPERATOR SOL (20/CM-V1)				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-2	RB ATMOSPHERE SAMPLE CONTAINMENT ISOLATION VALVE				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-2	RB ATMOSPHERE SAMPLE ISOLATION VALVE CM-V-2 OPERATOR				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-211	RB ATMOSPHERE SAMPLE ISOL. VALVE CM-V-2 OPERATOR SOL (20/CM-V2)				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-3	RB ATMOSPHERE SAMPLE CONTAINMENT ISOLATION VALVE				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-3	RB ATMOSPHERE SAMPLE ISOLATION VALVE CM-V-3 OPERATOR				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-311	RB ATMOSPHERE SAMPLE ISOL. VALVE CM-V-3 OPERATOR SOL (20/CM-V3)				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-4	RB ATMOSPHERE SAMPLE CONTAINMENT ISOLATION VALVE				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-4	RB ATMOSPHERE SAMPLE ISOLATION VALVE CM-V-4 OPERATOR				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CM-V-411	RB ATMOSPHERE SAMPLE ISOL. VALVE CM-V-4 OPERATOR SOL (20/CM-V4)				295 ELEV INTERM BLDG CUBICLE SOUTH OF RM-A-2, 2 FT FROM CEILING	11B295000
CO-LT-1060	CONDENSATE STORAGE TANK A LEVEL TRANSMITTER	1B	295	NW CORNER OF HALLWAY		
CO-LT-1061	CONDENSATE STORAGE TANK A LEVEL TRANSMITTER	1B	295	NW CORNER OF HALLWAY		
CO-LT-1062	CONDENSATE STORAGE TANK B LEVEL TRANSMITTER	1B	295	HALLWAY		
CO-LT-1063	CONDENSATE STORAGE TANK B LEVEL TRANSMITTER	1B	295	HALLWAY		
CO-LT-43	CO-T-1A LEVEL TRANSMITTER				CO-T-1A DOGHOUSE	1PA 102

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CO-LT-44	CO-T-1B LEVEL TRANSMITTER				CO-T-1B DOGHOUSE	1PA 103
COM-RADIO-BK3	VBD SW# 13: CONTROL CONSOLE BASE STATION				CONTROL TWR 322: B INVERTER ROOM	1CB322200
COM-SIREN-BK2	VBB SW# 6 : STATION ALARM TONE GENERATOR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
CO-T-0001A	CONDENSATE STORAGE TANK 1A	YD	305	S.E. OF TURB BLDG		
CO-T-0001B	CONDENSATE STORAGE TANK 1B	YD	305	N.W. OF REACT BLDG		
CO-V-0010A	CONDENSATE TANK A ISOL VALVE	YD	305	INSIDE VALVE HOUSE		
CO-V-0010B	CONDENSATE TANK B ISOL VALVE	YD	305	INSIDE VALVE HOUSE		
CO-V-0014A	CONDENSATE TANK A TO HOTWELL ISOL VALVE	IB	295	IN CORRIDOR 6 F		
CO-V-0014B	CONDENSATE TANK TO HOTWELL ISOL VALVE E-8	IB	295	COR OS IA-P-1BC		
CO-V-0111A	CONDENSATE STORAGE TANK A ISOL TIE VLV	IB	295	IN HALLWAY ON		
CO-V-0111B	CONDENSATE STORAGE TANK B ISOL TIE VALVE	IB	295	IN HALLWAY ON		
CO-V-111A-BK	1A ES MCC UNIT 12D				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
CO-V-111B-BK	1B ES MCC UNIT 14D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
CO-V-1171	CO-CE-42 ISOLATION				CO-T-1A DOGHOUSE NE WALL	1PA 102
CO-V-1172	CO-CE-43 ISOLATION				CO-T-1B DOGHOUSE NW WALL	1PA 103
CO-V-1175	CO-LI-1004 ISOLATION				CO-T-1A DOGHOUSE NE WALL	1PA 102
CO-V-1176	CO-LI-1005 ISOLATION				CO-T-1B DOGHOUSE	1PA 103
CO-V-129A	A CONDESATE STORAGE TANK HEADER DRAIN				INT BLDG BASEMENT 2 FROM NORTH WALL 2 FROM EAST WALL 2 ABOVE FLR	1B295000
CO-V-129B	B CONDENSATE STORAGE TANK HEADER DRAIN				INT BLDG BASEMENT NW CORNER 1' ABOVE FLO OR	1B295000
CO-V-12-BK	1A ES VALVES MCC UNIT 10D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
CO-V-1307	CO-LT-43 DRAIN VALVE				REVIEWED COMPONENT AND FOUND ACCEPTABLE	1PA 102
CO-V-130A	A CONDENSATE STORAGE TANK HEADER VENT				INT BLDG BASEMENT COORIDOR 6' FROM EAST WALL 8' ABOVE FLOOR	1B295000
CO-V-130B	B CONDENSATE STORAGE TANK HEADER VENT				IB BASEMENT COORIDOR 6 W OF EN TRANCE TO IA-P-1B 8 ABOVE FLR	1B295000
CO-V-131A	EFW SUPPLY DRAIN VLV FROM CO-T-1A				INT BLDG BASEMENT COORIDOR 6' FROM EAST WALL 6" ABOVE FLOOR	1B295000
CO-V-131B	EFW SUPPLY DRAIN VLV FROM CO-T-1B				IB BASEMENT COORIDOR 6 W OF EN TRANCE TO IA-P-1B 6" ABOVE FLR	1B295000
CO-V-134A	CONDENSATE STORAGE X-CONN DRAIN VALVE				INT BLDG BASEMENT 2' WEST OF DOORWAY TO EF-P-2B 1' ABOVE FLOOR	1B295000
CO-V-134B	CONDENSATE STORAGE X-CONN DRAIN VALVE				INT BLDG BASEMENT 7' WEST OF DOORWAY TO EF-P-2B 1' ABOVE FLOOR	1B295000
CO-V-135	COND VENT UPSTREAM OF CO-V-14A				SB IN CLOSET - SW CORNER MAINTENANCE PLANNING OFFICE	1SB305100
CO-V-14A-BK	1A ES MCC UNIT 9A				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
CO-V-14B-BK	1B ES MCC UNIT 11A				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
CO-V-16A	CONDENSATE TO EFW PUMPS CHECK VALVE				SOUTH WALL IN CORRIDOR, 1.5FT ABOVE FLOOR	

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
CO-V-16B	CONDENSATE TO EFW PUMPS CHECK VALVE				SOUTH WALL IN CORRIDOR, 1.5FT ABOVE FLOOR	
CO-V-175A	EF PUMP BEAR COOL RETURN CHECK VALVE				INT BLDG 281' 5' ABOVE CO-V-111A/B	1B295000
CO-V-175B	EF PUMP BEAR COOL RETURN CHECK VALVE				INT BLDG 281' 5' ABOVE CO-V-111A/B	1B295000
CO-V-176	EFW PUMP RECIRCULATION TO CO-T-1B				INT BLDG 1ST FLOOR NW CORNER OF HALLWAY 3' WEST OF CO-V-26B	1B305100
CO-V-218	CO-T-1B DE-ICE LINE DRAIN VALVE VALVE				1B 295' NW CORNER 2' ABOVE FLOOR	1B295000
CO-V-236A	CO-LT-43 ISOL VALVE				'A' COND STORAGE TANK DOGHOUSE IN NW CORNER	1PA 102
CO-V-236B	CO-LT-44 ISOL VALVE				'B' COND STORAGE TANK DOGHOUSE LOWER LEFT SIDE 5' ABOVE FLOOR	1PA 103
CO-V-25A	CO-T-1A DEICE WATER SUPPLY CHECK VALVE				YARD AREA AT CO-T-1A	1PA 102
CO-V-27A	CO-T-1A DRAIN				AT CO-T-1A INSIDE VALVE HOUSE BY CO-V-10A	1PA 100
CO-V-27B	CO-T-1B DRAIN				AT CO-T-1B INSIDE VALVE HOUSE BY CO-V-10B	1PA 100
CR	CONTROL COOM CONSOLE RIGHT	CB	355	CONTROL ROOM		
CRD-CB-0010	CONTROL ROD DRIVE AC BREAKER (UNIT 10)	CB	338-8	PATIO AREA		
CRD-CB-0011	CONTROL ROD DRIVE AC BREAKER (UNIT 11)	CB	338-8	PATIO AREA		
CRD-CB-1A	CRD CIRCUIT BREAKER 1A				PATIO ROOM, ELEVATION 338'	1CB338300
CRD-CB-1A/DC	DC POWER TO CRD CKT BKR 1A SHUNT TRIP				1E ES 125/250 VDC CKT 18	
CRD-CB-1B	CRD CIRCUIT BREAKER 1B				PATIO ROOM, ELEVATION 338'	1CB338300
CRD-CB-1B/DC	DC POWER TO CRD CKT BKR 1B SHUNT TRIP				1F ES 125/250 VDC CKT 12	
CRD-CB-1C	CRD CIRCUIT BREAKER 1C				PATIO ROOM, ELEVATION 338'	1CB338300
CRD-CB-1C/DC	DC POWER TO CRD CKT BKR 1C SHUNT TRIP				1E ES 125/250 VDC CKT 11	1CB322200
CRD-CB-1D	CRD CIRCUIT BREAKER 1D				PATIO ROOM, ELEVATION 338'	1CB338300
CRD-CB-1D/DC	DC POWER TO CRD CKT BKR 1D SHUNT TRIP				1F ES 125/250VDC CKT 18	1CB322200
CRD-FPMA/IMNR-BK	VBC#4 CRD/FPM-A(LEFT) & IM-NR-1/2 RECORDER				'C' INVERTER ROOM : VBC 120VAC PNL UNIT 14	
CRD-FPMB-BK	VBD#4 CRD CPU/FPM-B (RIGHT)				'D' INVERTER ROOM: VBD 120VAC PNL UNIT 4	
CRD-RTCA-BK	VBC#11 CRD TRIP CONFIRM TRAIN A				'C' INVERTER ROOM: VBC 120VAC PANEL UNIT 11	
CRD-RTCB-BK	VBD#5 CRD TRIP CONFIRM TRAIN B				'D' INVERTER ROOM : VBD 120VAC PNL UNIT 5	1CB322200
CRD-SBO-BK	VBB#12 CRD INLIMIT LIGHTS				'B' INVERTER ROOM: VBB 120VAC PANEL UNIT 12	1CB322200
CWL-CAB-C	PATIO CONTROL WATER LEVEL CABINET "C"	CB	322	S OF 1L SWGR		
CW-PS-740A	(SW #12) 1C-DC: CONDENSER OVERPRESSURE ALARM				'A' INVERTER ROOM	1CB322200
DC-C-2A	DECAY CLOSED RIVER WATER COOLER A				271' AUX BLDG HEAT EXCHANGER VAULT	1AB271080
DC-C-2B	DECAY CLOSED RIVER WATER COOLER B				HEAT EXCHANGER VAULT	1AB271080
DC-FT-26	A DCCW FLOW TRANSMITTER				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-FT-27	B DCCW FLOW TRANSMITTER				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-P-1A	DECAY CLOSED COOLING PUMP 1A (B.5 B COMPONENT)				305' AUX BLDG IN PUMP ALLEY	1AB305130
DC-P-1A-BK	1P 480V ES SWGR UNIT 2A				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-P-1A-MH	CT-5 SW# 15 : DC-P-1A MOTOR HEATER				CT-5 (ON 1A ES MCC) UNIT #15	1CB322200
DC-P-1B	DECAY CLOSED COOLING PUMP 1B				305' AUX BLDG IN PUMP ALLEY	1AB305130
DC-P-1B-BK	1S 480V ES SWGR UNIT 2A				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
DC-P-1B-MH	CT-E SW# 14: DC-P-1B MOTOR HEATER				CT-E (ON 1B ES MCC) UNIT #6	1CB322200
DC-T-1A	"A" DECAY CLOSED SURGE TANK				322' AUX BLDG BEHIND NEW FUEL STORAGE AR EA EAST CUBICLE	1FB305200
DC-T-1B	"B" DECAY CLOSED SURGE TANK				322' AUX BLDG BEHIND NEW FUEL STORAGE AR EA WEST CUBICLE	1AB331200
DC-TE-248	DH-C-1A DCCW OUTLET TEMP THERMOCOUPLE				'A' DECAY HEAT VAULT DCCW OUT JUST BEFOR E DC-V-3A	1AB261051
DC-TE-249	DH-C-1B DCCW OUTLET TEMP THERMOCOUPLE				AB 281' "B" DH VAULT 1' EA ST OF WEST WALL 15' UP ON D.C. LINE	1AB261056
DC-TE-250	DC-C-2A DCCW OUTLET TEMP THERMOCOUPLE				HEAT EXCHANGER VAULT ON DC-C-2A OUT ABOVE E IC-C-1A	1AB271080
DC-TE-251	DC-C-2B DCCW OUTLET TEMP THERMOCOUPLE				HEAT EXCHANGER VAULT ON OUT OF DC-C-2B C COOLER	1AB271080
DC-TE-527	DC-P-1A RADIAL BRG TEMP ELEMENT				305'AUX BLDG OB OF DC-P-1A	1AB305130
DC-TE-528	DC-P-1A THRUST BRG TEMP ELEMENT				305' AUX BLDG INBD ON DC-P-1A	1AB305130
DC-TE-529	DC-P-1B RADIAL BRG TEMP ELEMENT				305' AUX BLDG ON DC-P-1B	1AB305130
DC-TE-530	DC-P-1B THRUST BRG TEMP ELEMENT				305' AUX BLDG ON DC-P-1B	1AB305130
DC-V-1000	DC-FS/FT-26 HI SIDE ISOLATION VALVE				AUX BLDG 281 6' W OF DH-V-5A 8' N OF WALL 13' ABOVE FLOOR	1AB281050
DC-V-1001	DC-FS/FT-26 LO SIDE ISOLATION VALVE				AUX BLDG 281 6' W OF DH-V-5A 6' N OF WALL 13' ABOVE FLOOR	1AB281050
DC-V-1002A	DC-FS-26 MANIFOLD HI SIDE ISOL VLV				AUX BLDG 281 5' W OF DH-V-5A ALONG WALL 6' ABOVE FLOOR	1AB281050
DC-V-1002B	DC-FS-26 MANIFOLD VENT VALVE				AUX BLDG 281 5' W OF DH-V-5A ALONG WALL 6' ABOVE FLOOR	1AB281050
DC-V-1002C	DC-FS-26 MANIFOLD EQ VALVE				AUX BLDG 281 5' W OF DH-V-5A ALONG WALL 6' ABOVE FLOOR	1AB281050
DC-V-1002D	DC-FS-26 MANIFOLD LO SIDE ISOL VLV				AUX BLDG 281 5' W OF DH-V-5A ALONG WALL 6' ABOVE FLOOR	1AB281050
DC-V-1003	DC-FS/FT-26 HI SIDE DRAIN VALVE				AUX BLDG 281 3' WEST OF DH-V-5A NEAR BEND OF PIPE 2' ABOVE FLOOR	1AB281010
DC-V-1004	DC-FS/FT-26 LO SIDE DRAIN VALVE				AB 281 3' WEST OF DH-V-5A NEAR BEND OF PIPE 2' ABOVE FLOOR	1AB281050
DC-V-1005	DC-FS/FT-27 HI SIDE ISOLATION VALVE				AUX BLDG 281 5' E OF ENTRANCE TO RCBT ROOM 10' ABOVE FLOOR	1AB281000
DC-V-1006	DC-FS/FT-27 LO SIDE ISOLATION VALVE				AUX BLDG 281 5' E OF ENTRANCE TO RCBT ROOM 10' ABOVE FLOOR	1AB281000
DC-V-1007A	DC-FS-27 MANIFOLD HI SIDE ISOL VLV				AUX BLDG 281 1' W OF DH-V-5B 6' ABOVE FLOOR	1AB281055
DC-V-1007B	DC-FS-27 MANIFOLD VENT VALVE				AUX BLDG 281 1' W OF DH-V-5B 6' ABOVE FLOOR	1AB281055
DC-V-1007C	DC-FS-27 MANIFOLD EQ VALVE				AUX BLDG 281 1' WEST OF DH-V-5B 6' ABOVE FLOOR	1AB281055
DC-V-1007D	DC-FS-27 MANIFOLD LO SIDE ISOL VLV				AUX BLDG 281 1' WEST OF DH-V-5B 6' ABOVE FLOOR	1AB281055

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-1008	DC-FS/FT-27 HI SIDE DRAIN VLV				AUX BLDG 281 IN BACK OF DH-V-5B 2' ABOVE FLOOR	1AB281055
DC-V-1009	DC-FS/FT-27 LO SIDE DRAIN VLV				AUX BLDG 281 IN BACK OF DH-V-5B 2' ABOVE FLOOR	1AB281055
DC-V-1010	DC-LT-109 ISOLATION VLV				SURGE TANK ROOM W SIDE OF "A" TANK 3' ABOVE FLOOR	1FB305200
DC-V-1011	DC-LT-110 ISOLATION VLV				SURGE TANK ROOM W SIDE OF "B" TANK 3' ABOVE FLOOR	1FB305200
DC-V-1012	DC-PI-176 & DC-PI-1219A ISOLATION VLV				AUX BLDG 305 ON SUCTION TO A PUMP 3' ABOVE FLOOR	1AB305130
DC-V-1013	DC-PI-177 ISOLATION VLV				AUX BLDG 305 ON DISCHARGE OF A PUMP 5 1/2' ABOVE FLOOR	1AB305130
DC-V-1014	DC-PI-178 & DC-PI-1219B ISOLATION VLV				AUX BLDG 305 ON SUCTION TO B PUMP 3' ABOVE FLOOR	1AB305130
DC-V-1015	DC-PI-179 ISOLATION VLV				AUX BLDG 305 ON DISCHARGE OF B PUMP 5 1/2' ABOVE FLOOR	1AB305130
DC-V-1016	DH-C1A PX-458 PRESS TEST ISOL VALVE				A DH VAULT IN CENTER OF HEAT EXCHANGER ON NORTH SIDE 8 ABOVE FLR	1AB281051
DC-V-1017	DH-C1B PX-459 PRESS TEST ISOL VALVE				B DH VAULT IN CENTER OF HEAT EXCHANGER ON NORTH SIDE 8 ABOVE FLR	1AB281056
DC-V-1018	DC-LI-96 HI SIDE ISOLATION VALVE				SURGE TANK ROOM TOP OF SIGHTGLASS ON "A" TANK	1FB305200
DC-V-1019	DC-LI-96 LO SIDE ISOLATION VALVE				SURGE TANK ROOM BOTTOM OF SIGHTGLASS ON "A" TANK	1FB305200
DC-V-1020	DC-LI-97 LO SIDE ISOLATION VALVE				SURGE TANK ROOM TOP OF SIGHTGLASS ON "B" TANK	1FB305200
DC-V-1021	DC-LI-97 HI SIDE ISOLATION VALVE				SURGE TANK ROOM BOTTOM OF SIGHTGLASS ON "B" TANK	1FB305200
DC-V-1022	CORROSION MONITOR ROOT VALVE				@ TOP STEPS TO HX VLT ON BOTTOM LINE TO THE E 18" ABV GRATING	1AB281002
DC-V-1023	CORROSION MONITOR ROOT VALVE				@ TOP STEPS TO HX VLT ON BOTTOM LINE TO THE E 18" ABV GRATING	1AB281002
DC-V-1024	CORROSION MONITOR ROOT VALVE				@ TOP STEPS TO HX VLT ON BOTTOM LINE TO THE E 18" ABV GRATING	1AB281002
DC-V-1025	CORROSION MONITOR ROOT VALVE				@ W END ISLE LEADNG TO HX VLT, BTM LINE 8FT N S/WAY 18IN ABV FLR	1AB281002
DC-V-1026	CORROSION MONITOR ROOT VALVE				@ W END ISLE LEADNG TO HX VLT, BTM LINE 8FT N S/WAY 18IN ABV FLR	1AB281002
DC-V-1027	CORROSION MONITOR ROOT VALVE				@ W END AISLE LEADING HX VLT ON BOT LINE 8FT N S/WAY 18IN ABV FL	1AB281002
DC-V-1028	DC-PI-1219A ISOLATION VALVE				AB 305' ON SUCTION TO "A" PUMP 4' ABOVE FLOOR 1' FROM DC-1012	1AB305130

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-1029	DC-PI-1219B ISOLATION VALVE				AB 305' ON SUCTION TO "B" PUMP 4' ABOVE FLOOR 1' FROM DC-1014	1AB305130
DC-V-1030A	DC-FT-26 HI SIDE ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1030B	DC-FT-26 LOW SIDE ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1030C	DC-FT-26 EQUALIZING VLV ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1030D	DC-FT-26 HI SIDE TEST CONN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1030E	DC-FT-26 LOW SIDE TEST CONN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1031	DC-FT-26 LO SIDE VENT ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1032	DC-FT-26 HI SIDE VENT ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1033	DC-FT-26 LO SIDE DRAIN VALVE				AUX BLDG 281 ELEV; NEAR DH-V-5A	1AB281050
DC-V-1034	DC-FT-26 LOW SIDE DRAIN ISOLATION				281 AUX BLDG SHIELDED WALL NEAR DH-V-5A	1AB281050
DC-V-1035A	DC-FT-27 HI SIDE ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1035B	DC-FT-27 LOW SIDE ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1035C	DC-FT-27 EQUALIZING VALVE ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1035D	DC-FT-27 HI SIDE TEST CONN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1035E	DC-FT-27 LOW SIDE TEST CONN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1036	DC-FT-27 LO SIDE VENT ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1037	DC-FT-27 HI SIDE VENT ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1038	DC-FT-27 LO SIDE DRAIN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-1039	DC-FT-27 HI SIDE DRAIN ISOLATION				281 AUX BLDG SHIELDED WALL AT DC-V-2/65 AIR STATION	1AB281055
DC-V-15A	DH-C-1A SHELL SIDE SAFETY VALVE				A.B. 281 "A" D.H. VAULT BACK OF HT EXCH 8' UP	1AB261051
DC-V-15B	DH-C-1B SHELL SIDE SAFETY VALVE				A.B. 281 "B" D.H. VAULT 3' S OF COOLER 8' UP	1AB261056
DC-V-16A	BS-P-1A CLG WATER RELIEF VALVE				A.B. 281 "B" B.S. VAULT 2' S OF PUMP 10' UP WALL	1AB261057
DC-V-16B	BS-P-1B CLG WATER RELIEF VALVE				A.B. 281 "B" B.S. VAULT 2' S OF PUMP 10' UP WALL	1AB261057
DC-V-17A	DH-P-1A CLG WATER RELIEF VALVE				A.B. 281 "A" D.H. VAULT S OF DH-P1A 10' UP	1AB261051
DC-V-17B	DH-P-1B CLG WATER RELIEF VALVE				A.B. 281 "B" D.H. VAULT 2' S DH-P1B 8' UP	1AB261056

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-18A	DC-P-1A SUCTION RELIEF VALVE				AUX BLDG 305' 1' E OF DC-P1A 3' UP OFF FLOOR	1AB305130
DC-V-18B	DC-P-1B SUCTION RELIEF VALVE				AUX BLDG 305' 1' EAST OF DC-P1B 3' UP OF F FLOOR	1AB305130
DC-V-19A	DC SURGE TANK A MAKE UP VALVE				DC SURGE TK ROOM S OF 'A' TANK	1FB305200
DC-V-19B	DC SURGE TANK B MAKE UP VALVE				DC SURGE TK ROOM	1FB305200
DC-V-20A	DC-T-1A DEMIN WATER SUPPLY (MANUAL) VLV				SURGE TANK ROOM 4' SOUTH OF "A" TANK 7' ABOVE FLOOR	1FB305200
DC-V-20B	DC-T-1B DEMIN WATER SUPPLY (MANUAL) VLV				SURGE TANK RM 1 EAST OF ENTRANCE DOOR 1 FROM S WALL 7 ABOVE FLR	1FB305200
DC-V-21A	DC-T-1A ISOLATION VALVE				SURGE TANK ROOM E OF "A" TANK AT FLOOR LEVEL	1FB305200
DC-V-21B	DC-T-1B ISOLATION VALVE				SURGE TANK ROOM W OF "B" TANK AT FLOOR LEVEL	1FB305200
DC-V-22A	DC-T-1A DRAIN VALVE				SURGE TANK ROOM W OF "A" TANK AT FLOOR LEVEL	1FB305200
DC-V-22B	DC-T-1B DRAIN VALVE				SURGE TANK ROOM E OF "B" TANK AT FLOOR LEVEL	1FB305200
DC-V-23A	DC-P-1A CLG WATER SUPPLY VALVE				AUX BLDG 305 "A" PUMP CUBICLE E OF PUMP BEARING 5' ABOVE FLOOR	1AB305130
DC-V-23B	DC-P-1B CLG WATER SUPPLY VALVE				AUX BLDG 305 "B" PUMP CUBICLE E OF PUMP BEARING 5' ABOVE FLOOR	1AB305130
DC-V-24A	DC-P-1A CLG WATER OUTLET VALVE				AUX BLDG 305 "A" PUMP CUBICLE W OF PUMP BEARING 4' ABOVE FLOOR	1AB305130
DC-V-24B	DC-B-1B CLG WATER OUTLET VALVE				AUX BLDG 305 "B" PUMP CUBICLE W OF PUMP BEARING 4' ABOVE FLOOR	1AB305130
DC-V-25A	DC-T-2A CHEM MIX TK INLET VALVE				AB 305 "A" PUMP CUBICLE ON BACK OF CHEM MIX TANK 4 1/2 ABOVE FLR	1AB305130
DC-V-25B	DC-T-2B CHEM MIX TK INLET VALVE				AB 305 "B" PUMP CUBICLE ON BACK OF CHEM MIX TANK 4 1/2 ABOVE FLR	1AB305130
DC-V-26A	DC-T-2A CHEM MIX TK OUTLET VALVE				AB 305 "A" PUMP CUBICLE 1' N OF CHEM MIX TANK 1' ABOVE FLOOR	1AB305130
DC-V-26B	DC-T-2B CHEM MIX TK OUTLET VALVE				AB 305 "B" PUMP CUBICLE 1' N OF CHEM MIX TANK 1' ABOVE FLOOR	1AB305130
DC-V-27A	DC LOOP "A" SAMPLE ISOL VLV FOR CE-51				AB 305 "A" PUMP CUBICLE 1' N OF CHEM MIX TANK 3' ABOVE FLOOR	1AB305130
DC-V-27B	DC LOOP "B" SAMPLE ISOL VLV FOR CE-52				AB 305 "B" PUMP CUBICLE 1' N OF CHEM MIX TANK 3' ABOVE FLOOR	1AB305130
DC-V-28A	RM-L-2 INLET ISOL VALVE				AB281 3 S OF ENTRANCE TO "A" DH VAULT 1 W OF RM-L-2 3 ABOVE FLOOR	1AB281050
DC-V-28B	RM-L-3 INLET ISOL VALVE				AB 281 6 S OF ENTRANCE TO "A" VAULT 1 W OF RM-L-3 3 ABOVE FLOOR	1AB281050
DC-V-29A	RM-L-2 OUTLET ISOL VALVE				AUX BLDG 281 3' SOUTH OF ENTRANCE TO "A" BS VAULT 4' ABOVE FLOOR	1AB281050
DC-V-29B	RM-L-3 OUTLET ISOL VALVE				AUX BLDG 281 6' SOUTH OF ENTRANCE TO "A" BS VAULT 4' ABOVE FLOOR	1AB281050

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-2A	DHR COOLER 1A INLET VALVE ACTUATOR				DH VAULT AT DH-C-1A EL 271	1AB261051
DC-V-2A	DH-C-1A SHELL INLET CONTROL VALVE				"A" DH VAULT ABOVE CENTER OF HEAT EXCHANGER 10' ABOVE FLOOR	1AB261051
DC-V-2B	DHR COOLER 1B INLET VALVE ACTUATOR				DH VAULT DH-C-1B EL 271	
DC-V-2B	DH-C-1B SHELL INLET CONTROL VALVE				"B" DH VAULT ABOVE CENTER OF HEAT EXCHANGER 10' ABOVE FLOOR	1AB261056
DC-V-30A	RM-L-2 RETURN ISOL VALVE				AUX BLDG 281 UNDER CEILING ABOVE DH-V-5A 6' N OF WALL	1AB281050
DC-V-30B	RM-L-3 RETURN ISOL VALVE				AUX BLDG 281 10' WEST OF DH-V-5A 3' NORTH OF WALL UNDER CEILING	1AB281050
DC-V-31A	BS-P-1A DCCW CLG WTR SUPPLY VALVE				"A" BS VAULT 6" FROM S WALL S OF PUMP BEARING 9' ABOVE FLOOR	1AB261052
DC-V-31B	BS-P-1B DCCW CLG WTR SUPPLY VALVE				"B" BS VAULT 6" FROM S WALL S OF PUMP 9' ABOVE FLOOR	1AB261057
DC-V-32A	BS-P-1A MTR DCCW OUTLET VALVE O/B				A BS VAULT 6IN FRM S WALL S PUMP MOTOR COUPLING 6FT ABOVE FLR	1AB261052
DC-V-32B	BS-P-1B MTR DCCW OUTLET VALVE O/B				"B" BS VAULT 6" FROM S WALL S OF PUMP BEARING 6' ABOVE FLOOR	1AB261057
DC-V-33A	BS-P-1A MTR DCCW OUTLET VALVE I/B				A BS 6IN FRM S WALL SE MOTORS CORNER 7FT UP BTWN WALL/PMP DISCH	1AB261052
DC-V-33B	BS-P-1B MTR DCCW OUTLET VALVE I/B				B BS VAULT 6" FROM S WALL S OF PUMP MOTOR COUPLING 6 ABOVE FLR	1AB261057
DC-V-34A	BS-P-1A BRG DCCW OUTLET VALVE I/B				"A" BS VAULT 6" FROM S WALL AT CENTER OF MOTOR 6' ABOVE FLOOR	1AB261052
DC-V-34B	BS-P-1B BRG DCCW OUTLET VALVE I/B				"B" BS VAULT 6" FROM S WALL AT SE CORNER OF MOTOR 6' ABOVE FLOOR	1AB261057
DC-V-35A	BS-P-1A BRG DCCW OUTLET VALVE O/B				"A" BS VAULT 6" FROM S WALL AT SW CORNER OF MOTOR 6' ABOVE FLOOR	1AB261052
DC-V-35B	BS-P-1B BRG DCCW OUTLET VALVE O/B				"B" BS VAULT 6" FROM S WALL AT SW CORNER OF MOTOR 6' ABOVE FLOOR	1AB261057
DC-V-36A	DH-P-1A DCCW SUPPLY VALVE				"A" DH VAULT 3' SOUTH OF PUMP 9' ABOVE FLOOR	1AB261051
DC-V-36B	DH-P-1B DCCW SUPPLY VALVE				"B" DH VAULT 3' SOUTH OF PUMP 8' ABOVE FLOOR	1AB261056
DC-V-37A	DH-P-1A MTR DCCW OUTLET VALVE O/B				"A" DH VAULT AT SE CORNER OF MOTOR 7' ABOVE FLOOR	1AB261051
DC-V-37B	DH-P-1B MTR DCCW OUTLET VALVE O/B				"B" DH VAULT AT SE CORNER OF MOTOR 1' FROM MOTOR 7' ABOVE FLOOR	1AB261056
DC-V-38A	DH-P-1A MTR DCCW OUTLET VALVE I/B				"A" DH VAULT AT SW CORNER OF MOTOR 7' ABOVE FLOOR	1AB261051
DC-V-38B	DH-P-1B MTR DCCW OUTLET VALVE I/B				"B" DH VAULT AT SW CORNER OF MOTOR 1' FROM MOTOR 7' ABOVE FLOOR	1AB261056
DC-V-39A	DH-P-1A BRG DCCW OUTLET VALVE I/B				"A" DH VAULT 3' S OF PUMP MOTOR COUPLING 7' ABOVE FLOOR	1AB261051

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-39B	DH-P-1B BRG DCCW OUTLET VALVE I/B				"B" DH VAULT 2' S OF PUMP MOTOR COUPLING 7' ABOVE FLOOR	1AB261056
DC-V-3A	DH-C-1A SHELL OUTLET VALVE				A DH VAULT CHAIN VALVE AT W END OF HEAT EXCHANGER 9 ABOVE FLR	1AB261051
DC-V-3B	DH-C-1B SHELL OUTLET VALVE				B DH VAULT CHAIN VALVE AT W END OF HEAT EXCHANGER 9 ABOVE FLR	1AB261056
DC-V-40A	DH-P-1A BRG DCCW OUTLET VALVE O/B				"A" DH VAULT 3' S OF PUMP BEARING 7' ABOVE FLOOR	1AB261051
DC-V-40B	DH-P-1B BRG DCCW OUTLET VALVE O/B				"B" DH VAULT 2' S OF PUMP BEARING 7' ABOVE FLOOR	1AB261056
DC-V-41A	MU-P-1A DCCW SUPPLY VALVE				AUX BLDG 281 6' W OF DH-V-5A 10' ABOVE FLOOR	1AB281050
DC-V-41B	MU-P-1C DCCW SUPPLY VALVE				AUX BLDG 281 15' S OF ENTRANCE TO "B" SPRAY VAULT 7' ABOVE FLOOR	1AB281055
DC-V-42A	MU-P-1A MTR COOLANT OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF ENTRANCE 7' ABOVE FLOOR	1AB281060
DC-V-42C	MU-P-1C MTR COOLANT OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF LEAKOFF FUNNEL 8' ABOVE FLOOR	1AB281060
DC-V-43A	MU-P-1A BRG COOLANT OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF ENTRANCE 8' ABOVE FLOOR	1AB281060
DC-V-43C	MU-P-1C BRG COOLANT OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF LEAKOFF FUNNEL 8' ABOVE FLOOR	1AB281060
DC-V-44A	MU-P-1A SPEED CHGR COOLER OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF ENTRANCE 8' ABOVE FLOOR	1AB281060
DC-V-44C	MU-P-1C SPEED CHGR COOLER OUTLET VALVE				MU VALLEY ALLEY W WALL 8' SOUTH OF LEAKOFF FUNNEL 8' ABOVE FLOOR	1AB281060
DC-V-45A	MU-P-1A DCCW RETURN VALVE				AB 281 15 W OF ENTRANCE TO "A" DH VAULT ALONG WALL 2 ABOVE FLOOR	1AB281050
DC-V-45B	MU-P-1C DCCW RETURN VALVE				AB 281 CHAIN VALVE 4' EAST OF DOOR TO RCBT ROOM 10' ABOVE FLOOR	1AB281055
DC-V-46A	DH-C-1A SHELL SIDE VENT VLV				"A" DH VAULT 1' ABOVE HEAT EXCHANGER 4' FROM EAST END	1AB261051
DC-V-46B	DH-C-1B SHELL SIDE VENT VLV				"B" DH VAULT 1' ABOVE HEAT EXCHANGER 4' FROM EAST END	1AB261056
DC-V-47A	DH-C-1A SHELL SIDE VENT VLV				"A" DH VAULT 1' ABOVE HEAT EXCHANGER 2' FROM WEST END	1AB261051
DC-V-47B	DH-C-1B SHELL SIDE VENT VLV				"B" DH VAULT 1' ABOVE HEAT EXCHANGER 2' FROM WEST END	1AB261056
DC-V-48A	DH-C-1A SHELL SIDE DRAIN VLV				A DH VAULT ON N SIDE OF HEAT EXCHANGER 4 FROM E END 4 ABOVE FLR	1AB261051
DC-V-48B	DH-C-1B SHELL SIDE DRAIN VLV				B DH VAULT ON N SIDE OF HEAT EXCHANGER 4 FROM E END 4 ABOVE FLR	1AB261056
DC-V-49A	DH-C-1A SHELL SIDE DRAIN VLV				A DH VAULT ON N SIDE OF HEAT EXCHANGER 2 FROM W END 4 ABOVE FLR	1AB261051

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-49B	DH-C-1B SHELL SIDE DRAIN VLV				B DH VAULT ON N SIDE OF HEAT EXCHANGER 2 FROM W END 4 ABOVE FLR	1AB261056
DC-V-4A	DC-C-2A SHELL SIDE INLET VALVE				HX VLT 5 FROM N END OF "A" COOLER ON E SIDE 9 ABV FLR CHAIN VLV.	1AB271080
DC-V-4B	DC-C-2B SHELL SIDE INLET VALVE				HX VAULT 5FT FRM S END OF B COOLER, W SIDE 9FT ABV FLR CHAIN VLV	1AB271080
DC-V-50A	DC-C-2A SHELL SIDE VENT VLV				HT EXCHANGER VLT 5FT FRM N END OF TOP OF A COOLER TO THE W	1AB271080
DC-V-50B	DC-C-2B SHELL SIDE VENT VLV				HT EXCHANGER VLT 5FT FROM S END OF TOP OF B COOLER TO THE W	1AB271080
DC-V-51A	DC-C-2A SHELL SIDE DRAIN VLV				HT EXCHANGER VLT 5FT FROM N END OF A COOLER ON W SIDE @ FLR LVL	1AB271080
DC-V-51B	DC-C-2B SHELL SIDE DRAIN VLV				SFT FROM S END OF B COOLER ON W SIDE @ FLR LEVEL	1AB271080
DC-V-52A	DC-C-2A COOLER RELIEF VALVE				SAFETY VALVE HEAT EXCHANGER VLT S END A COOLER ON TOP OF COOLER	1AB271080
DC-V-52B	DC-C-2B COOLER RELIEF VALVE				SAFETY VALVE HEAT EXCHANGER VLT N END B COOLER ON TOP OF COOLER	1AB271080
DC-V-53A	DC-C-2A SHELL SIDE VENT VLV				HT EXCHANGER VLT 5FT FRM N END OF TOP OF A COOLER TO THE E	1AB271080
DC-V-53B	DC-C-2B SHELL SIDE VENT VLV				HT EXCHANGER VLT 5FT FROM S END OF TOP OF B COOLER TO THE E	1AB271080
DC-V-54A	DC-C-2A SHELL SIDE DRAIN VLV				HEAT EXCHR VAULT 5FT FROM N END OF COOLER ON E SIDE AT FLR LEVEL	1AB271080
DC-V-54B	DC-C-2B SHELL SIDE DRAIN VLV				HT EXCHANGER VLT 5FT FRM S END OF B COOLER ON E SIDE @ FLR LVE	1AB271080
DC-V-55A	DC-T-2A CHEM MIX TK DRAIN VALVE				AUX BLDG 305 "A" PUMP CUBICLE UNDER CHEM MIX TANK	1AB305130
DC-V-55B	DC-T-2B CHEM MIX TK DRAIN VALVE				AUX BLDG 305 "B" PUMP CUBICLE UNDER CHEM MIX TANK	1AB305130
DC-V-56A	DC-T-2A CHEM MIX TK FILL VALVE				AUX BLDG 305 "A" PUMP CUBICLE ON TOP OF CHEM MIX TANK	1AB305130
DC-V-56B	DC-T-2B CHEM MIX TK FILL VALVE				AUX BLDG 305 "B" PUMP CUBICLE ON TOP OF CHEM MIX TANK	1AB305130
DC-V-57A	DC-P-1A DISCH LINE VENT VALVE				AUX BLDG 305 "A" PUMP CUBICLE E OF PUMP BEARING 9' ABOVE FLOOR	1AB305130
DC-V-57B	DC-P-1B DISCH LINE VENT VALVE				AUX BLDG 305 "B" PUMP CUBICLE E OF PUMP BEARING 9' ABOVE FLOOR	1AB305130
DC-V-58A	DC-T-1A ISOL VALVE				AUX BLDG 281 UNDER CEILING ABOVE DH-V-5A 8' N OF WALL	1AB281050
DC-V-58B	DC-T-1B ISOLATION VALVE				AB281 10 WEST OF DH-V-5A DIRECTLY UNDER CEILING 1 NORTH OF WALL	1AB281050
DC-V-59A	MU-P-1A DCCW COOLING RETURN VENT VALVE				AB281 6 N OF DOOR TO RCBT RM & 2 WEST AROUND CORNER 12 ABOVE FLR	1AB281050

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-59B	MU-P-1C DCCW COOLING RETURN VENT VALVE				MU VALLEY ALLEY 8 FROM SOUTH END 3 FRO M W WALL 10 ABOVE FLOOR	1AB281060
DC-V-5A	DC-C-2A SHELL SIDE OUTLET VALVE				HX VLT 5 FROM N END OF "A" COOLER ON W SIDE 9 ABV FLR CHAIN VLV.	1AB271080
DC-V-5B	DC-C-2B SHELL SIDE OUTLET VALVE				HX VLT 5 FROM S END OF "B" COOLER ON E SIDE 9 ABV FLR CHAIN VLV.	1AB271080
DC-V-60	MU-P-1C DCCW COOLING RETURN VENT VALVE				AUX BLDG 281 4' WEST OF DH-V-5B 5' FROM WALL 12' ABOVE FLOOR	1AB281055
DC-V-61A	MU-P-1A DCCW COOLING SUPPLY VENT VALVE				MU VALVE ALLEY 12FT S OF ENT 1FT FROM W WALL RIGHT UNDER CEILING	1AB281060
DC-V-61B	MU-P-1C DCCW COOLING SUPPLY VENT VALVE				MU VALVE ALLEY 8' FROM SOUTH END 3' FROM W WALL 10' ABOVE FLOOR	1AB281060
DC-V-62A	DC-T-1A CHEM RECIRC ISOL VALVE				SURGE TANK ROOM 1' SOUTH OF "A" TANK 5' ABOVE FLOOR	1FB305200
DC-V-62B	DC-T-1B CHEM RECIRC ISOL VALVE				SURGE TANK ROOM 1' SOUTH OF "B" TANK 5' ABOVE FLOOR	1FB305200
DC-V-63A	DC-T-1A CHEM RECIRC ISOL VALVE				AUX BLDG 281 6' WEST OF DH-V-5A 12' ABOVE FLOOR	1AB281050
DC-V-63B	DC-T-1B CHEM RECIRC ISOL VALVE				1FT W LANDNG MIDDLE S/WAY OUTSIDE MU VLV ALLEY ALONG WALL 15FT UP	1AB281055
DC-V-64A	RM-L-2 DRAIN VALVE				AB281 3 S OF ENTRANCE TO "A" DH VAULT 1 W OF RM-L-2 1 ABOVE FLOOR	1AB281050
DC-V-64B	RM-L-3 DRAIN VALVE				AB281 6 S OF ENTRANCE TO "A" DH VAULT 1 W OF RM-L-3 1 ABOVE FLR	1AB281050
DC-V-65A	DH-C-1A SHELL BYPASS CONTROL VALVE				"A" DH VAULT 3' NORTH OF W END OF HEAT EXCHANGER 2' ABOVE FLOOR	1AB261051
DC-V-65A11	DH-C-1A COOLER BYPASS VALVE ACTUATOR				"A" DH VAULT EL 283 3' N OF W END	
DC-V-65B	DH-C-1B SHELL BYPASS CONTROL VALVE				"B" DH VAULT 3' NORTH OF W END OF HEAT EXCHANGER 2' ABOVE FLOOR	1AB261056
DC-V-65B11	DH-C-1B COOLER BYPASS VALVE ACTUATOR				"B" DH VAULT EL 283 3' N OF W END	
DC-V-66A	DH-C-1A BYPASS LINE DRAIN VLV				"A" DH VAULT 3' NORTH OF W END OF HEAT EXCHANGER 6" ABOVE FLOOR	1AB261051
DC-V-66B	DH-C-1B BYPASS LINE DRAIN VLV				"B" DH VAULT 3' NORTH OF W END OF HEAT EXCHANGER 6" ABOVE FLOOR	1AB261056
DC-V-67A	DC LOOP "A" SAMPLE ISOL VLV FOR CE-51				AB305 A PMP CUBICLE 1 N OF CHEM TANK 2 ABOVE FLR NEXT TODC-V-27A	1AB305130
DC-V-67B	DC LOOP "B" SAMPLE ISOL VLV FOR CE-52				AB305 B PMP CUBICLE 1 N OF CHEM TANK 2 ABOVE FLR NEXT TODC-V-27B	1AB305130
DC-V-68A	DC-T-2A CHEM MIX TK VENT VALVE				DC-P-1A CUBICLE WEST WALL ON TOP OF TANK	1AB305130
DC-V-68B	DC-T-2B CHEM MIX TK VENT VALVE				A. B. 305' DC-P1B CUBICLE 0N TOP OF CHEM MIX TK	1AB305130
DC-V-69A	RM-L-2 INLET DRAIN VALVE				281' AUX BLDG BY "A" VAULT ON WEST SIDE OF RM-L-2	1AB281050
DC-V-69B	RM-L-3 INLET DRAIN VALVE				281' AUX BLDG BY "A" VAULT WEST SIDE OF RML-3	1AB281050
DC-V-74A	DH-C-1A/B COOLER INLET CHEM TAP				15 FT. FROM FLOOR ABOVE DH-C-1A/B	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DC-V-74B	DH-C-1A/B COOLER INLET CHEM TAP				15 FT. FROM FLOOR ABOVE DH-C-1A/B	
DC-V-75A	DH-C-1A/B COOLER DISCHARGE CHEMICAL				2 FT. OFF THE FLOOR BELOW THE COOLER	
DC-V-75B	DH-C-1A/B COOLER DISCHARGE CHEMICAL				2 FT. OFF THE FLOOR BELOW THE COOLER	
DC-V-76A	DH-C-1A/B COOLER DISCHARGE CHEMICAL				2 FT. OFF THE FLOOR BELOW THE COOLER	
DC-V-76B	DH-C-1A/B COOLER DISCHARGE CHEMICAL				2 FT. OFF THE FLOOR BELOW THE COOLER	
DC-V-79A	HI POINT VENT AT INLET TO DC-C-2A				TOP OF DC-C-2A INLET HEADER, 14' ABOVE FLOOR, HX VAULT CENTER	1AB271080
DC-V-79B	HI POINT VENT AT INLET OF DC-C-2B				TOP OF DC-C-2B INLET HEADER 16' ABOVE FLOOR, HX VAULT NORTH END	1AB271080
DC-V-80A	DC-C-2A UPSTREAM VENT VALVE				LOCATED ON CENTER WALL OF HX VAULT 5' ABOVE FLOOR	1AB271080
DC-V-80B	DC-C-2B UPSTREAM VENT VALVE				ON NORTH WALL OF HX VAULT 5' ABOVE FLOOR	1AB271080
DF-FI-1150	EDG FUEL OIL/DF-P-1A/1B TO DF-T-2A FLOW INDICATOR	DG	305	"A" DG BLDG @ DF-T-2A		
DF-FI-1151	EDG/FUEL OIL/DF-P-1C/1D TO DF-T-2B FLOW INDICATOR	DG	305	"B" DG BLDG @ DF-T-2B		
DF-LI-J500A	EDG FUEL OIL/DF-T-2A LEVEL INDICATOR	DG	305	"A" DG BLDG ABOVE DF-T-2A		
DF-LI-J500B	EDG/FUEL OIL/DF-T-2B LEVEL INDICATOR	DG	305	"B" DG BLDG		
DF-LS-152-BK	1P DC SW# 4 : DIESEL FUEL LEVEL SWITCH				SOUTH END OF EG-Y-1A METERING CABINET	1DG305100A
DF-P-0001A	EDG FUEL OIL/A DIESEL FUEL TRANSFER PUMP (AC)	DG	305	"A" DG BLDG NORTH WALL		
DF-P-0001B	EDG FUEL OIL/DIESEL FUEL TRANSFER PUMP B (DC)	DG	305	"A" DG BLDG		
DF-P-0001C	EDG FUEL OIL/DIESEL B FUEL OIL TRANSFER PUMP (AC)	DG	305	"B" DG BLDG NORTH WALL		
DF-P-0001D	EDG FUEL OIL/DIESEL B FUEL OIL TRANSFER PUMP (DC)	DG	305	"B" DG BLDG NORTH WALL		
DF-P-001A-LD	LOCAL DISCONNECT FOR DF-P-001A	DG	305	IN HALL OUTSIDE EDG 1A		
DF-P-001B-CONT	CONTACTOR FOR DF-P-001B	DG	305	IN HALL OUTSIDE EDG 1A		
DF-P-001C-LD	LOCAL DISCONNECT FOR DF-P-001C	DG	305	IN HALL OUTSIDE EDG 1B		
DF-P-001D-CONT	CONTACTOR FOR DF-P-001D	DG	305	IN HALL OUTSIDE EDG 1B		
DF-P-1A	EG-Y-1A AC FUEL TRANSFER PUMP				EG-Y-1A ROOM ALONG NORTH WALL NEXT TO DAY TANK	1DG305100A
DF-P-1A/LOCAL	DF-P-1A LOCAL DISCONNECT SWITCH				EG-Y-1A ELEC BUS / PNL RM EAST WALL	
DF-P-1A-BK1	1A ES MCC UNIT 5EL				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
DF-P-1B	EG-Y-1A DC FUEL TRANSFER PUMP				EG-Y-1A ROOM ALONG NORTH WALL NEXT TO DAY TANK	1DG305100A
DF-P-1C	EG-Y-1B AC FUEL TRANSFER PUMP				EG-Y-1B ROOM ALONG NORTH WALL NEXT TO DAY TANK	1DG305100B
DF-P-1C/LOCAL	DF-P-1C LOCAL DISCONNECT BREAKER				EG-Y-1B ELECT BUS / PNL RM EAST WALL	
DF-P-1C-BK1	1B ES MCC UNIT 6BL				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
DF-P-1D	EG-Y-1B DC FUEL TRANSFER PUMP				ROOM B 1Q ES 125VDC DP 9	
DF-P-1D	EG-Y-1B DC FUEL TRANSFER PUMP				EG-Y-1B ROOM ALONG NORTH WALL NEXT TO DAY TANK	1DG305100B
DF-S-1A	DF-P-1A/B FUEL OIL SUCTION STRAINER				A DG ROOM WEST OF DF-P-1A, NORTH WALL	1DG305100A

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DF-S-1B	DF-P-1C/D FUEL OIL SUCTION STRAINER				B DG ROOM WEST OF DF-P-1C, NORTH WALL	1DG305100B
DF-T-0001	30,000 EDG FUEL OIL TANK	YD	305	BURIED N OF EDG BUILDING		
DF-T-0002A	EDG FUEL OIL/EG-Y-1A DAY TANK	DG	305	"A" DG BLDG IN DAY TANK DF-T-2A		
DF-T-0002B	EDG FUEL OIL/EG-Y-1B DAY TANK	DG	305	"B" DG BLDG NORTH WALL		
DF-V-1	DF-T-1 FILL ISOLATION VALVE				INSIDE FENCE NORTH OF DIESEL GENERATOR BUILDING	1PA 100
DF-V-23A	DF-T-1 FOOT VALVE				IN DF-T-1	
DF-V-23B	DF-T-1 FOOT VALVE				IN DF-T-1	
DF-V-28A	DF-T-2A FOOT VALVE				IN TANK DF-T-2A	
DF-V-28B	DF-T-2B FOOT VALVE				IN TANK DF-T-2B	
DF-V-29A	DF-T-2A DRAIN VALVE				A DG ROOM WEST OF DF-T-2A	1DG305100A
DF-V-29B	DF-T-2B DRAIN VALVE				B DG ROOM WEST OF DF-T-2B	1DG305100B
DF-V-4A	DF-P-1A/1B SUCTION ISOL FROM DF-T-1				A DG ROOM BELOW DF-LI-152, NORTH WALL	1DG305100A
DF-V-4B	DF-P-1C/1D SUCTION ISOL FROM DF-T-1				B DG ROOM NORTH WALL NEAR CENTER	1DG305100B
DF-V-5A	DF-P-1A/1B SUCTION ISOL FROM FO-T-1				A DG ROOM NORTH WALL NEAR CENTER EAST OF DF-V-4A	1DG305100A
DF-V-5B	DF-P-1C/1D SUCTION ISOL FROM FO-T-1				B DG ROOM NORTH WALL NEAR CENTER EAST OF DF-V-4B	1DG305100B
DF-V-6A	DF-P-1A SUCTION ISOLATION VALVE				NEAR DF-P-1A	
DF-V-6B	DF-P-1B SUCTION ISOLATION VALVE				NEAR PUMP DF-P-1B	
DF-V-6C	DF-P-1C SUCTION ISOLATION VALVE				NEAR DF-P-1C	
DF-V-6D	DF-P-1D SUCTION ISOLATION VALVE				NEAR DF-P-1D	
DF-V-79	DF-P-1A DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP	
DF-V-7A	DF-P-1A DISCHARGE CHECK VALVE				A DIESEL GENERATOR ROOM AT DAY TANK NORTH WALL	
DF-V-7B	DF-P-1B DISCHARGE CHECK VALVE				A DIESEL GENERATOR ROOM AT DAY TANK NORTH WALL	
DF-V-7C	DF-P-1C DISCHARGE CHECK VALVE				B DIESEL GENERATOR ROOM AT DAY TANK NORTH WALL	
DF-V-7D	DF-P-1D DISCHARGE CHECK VALVE				B DIESEL GENERATOR ROOM AT DAY TANK NORTH WALL	
DF-V-80	DF-P-1B DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP	
DF-V-81	DF-P-1C DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP	
DF-V-82	DF-P-1D DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP	
DF-V-8A	DF-P-1A DISCH ISOLATION VALVE				NEAR DF-P-1A	
DF-V-8B	DF-P-1B DISCH ISOLATION VALVE				NEAR DF-P-1B	
DF-V-8C	DF-P-1C DISCH ISOLATION VALVE				NEAR DF-P-1C	
DF-V-8D	DF-P-1D DISCH ISOLATION VALVE				NEAR DF-P-1D	
DH2-TE-1	'A' DH COOLER OUTLET TEMPERATURE				'A' DH VAULT 2' EAST OF COOLER 6' OFF FL OOR	1AB261051
DH2-TE-2	'B' DH COOLER OUTLET TEMPERATURE				'B' DH VAULT 2' EAST OF COOLER 6' OFF FL OOR	1AB261056

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH4-TE	BWST TEMPERATURE (357'ELEV)				TOP OF BWST OFF LADDER	1PA 110
DH6-TE-1	DH-P-1A INLET TEMPERATURE				'A' DH VAULT 1' FROM SOUTH WALL 7' OFF FLOOR	1AB261051
DH6-TE-2	DH-P-1B INLET TEMPERATURE				'B' DH VAULT 1' FROM SOUTH WALL 7' OFF FLOOR	1AB261056
DH7-PT-1	DH-P-1A DISCHARGE PRESS XMTR				'A' DH VAULT 2' LEFT OF LADDER 6' OFF FLOOR	1AB261051
DH7-PT-2	DH-P-1B DISCHARGE PRESS XMTR				'B' DH VAULT 3' NORTH OF DH-P-1B ON WALL	1AB261056
DH-C-1A	DECAY HEAT REMOVAL COOLER				'A' DH VAULT	1AB261051
DH-C-1B	DECAY HEAT REMOVAL COOLER				'B' DH VAULT	1AB261056
DH-DPT-802	'A' DECAY HEAT FLOW XMTR				'A' DH VAULT SOUTHEAST CORNER 5' OFF FLOOR	1AB261051
DH-DPT-803	'B' DECAY HEAT FLOW XMTR				'B' DH VAULT 20' FROM SOUTHEAST CORNER ON WALL 5' OFF FLOOR	1AB261056
DH-LT-808	BWST LEVEL XMTR				BWST TUNNEL 4' DOWN LADDER ON WEST WALL	1PA 111
DH-LT-809	BWST LEVEL XMTR				BWST TUNNEL 4' DOWN LADDER ON SOUTH WALL	1PA 111
DH-P-1A	DECAY HEAT REMOVAL PUMP (B.5.B COMPONENT)				'A' DH VAULT 5' SOUTHWEST OF VAULT LADDER	1AB261051
DH-P-1A-BK1	1D 4160V ES SWGR UNIT 6				SURGE SUPPRESSION REQUIRED	1CB338300
DH-P-1A-MH	CT-5 SW# 2 : DH-P-1A MOTOR HEATER				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
DH-P-1B	DECAY HEAT REMOVAL PUMP				'B' DH VAULT NORTHWEST CORNER OF ROOM	1AB261056
DH-P-1B-BK1	1E 4160V ES SWGR UNIT 7				SURGE SUPPRESSION REQUIRED	1CB338300
DH-P-1B-MH	CT-E SW# 6 : DH-P-1B MOTOR HEATER				CONTROL TWR 322: 1S SWGR ROOM ON 1B ES	1CB322200
DH-S-1A	DHP1A DISCH TO M/U PUMP SUCT STRAINER				"A" DECAY HEAT VAULT 20' HIGH ON SOUTH WALL EAST OF DC-C-1A	1AB261051
DH-S-1B	DHP1B DISCH TO M/U PUMP SUCT STRAINER				"B" DECAY HEAT VAULT 20' HIGH ON SOUTH WALL EAST OF DC-C-1A	1AB261056
DH-S-2	TOP HAT FOR THE REPLACED REACTOR BUILDING SUMP STRAINER				INSIDE REACTOR BUILDING SUMP @ ELEV. 281'-0"	1RB273010
DH-T-0001	BWST	YD	305	WRB HATCH		
DH-T-1H1-BK	1A ESF VENT MCC UNIT 1K				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-T-1H2-BK	1B ESF VENT MCC UNIT 1K :				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-T-2A	DH-P-1A PUMP BEARING OIL RESERVOIR				'A' DH VAULT 4' SOUTH OF PUMP 1' OFF FLOOR	1AB261051
DH-T-2B	DH-P-1B PUMP BEARING OIL RESERVOIR				'B' DH VAULT 4' SOUTH OF PUMP 1' OFF FLOOR	1AB261056
DH-T-3A	DH-P-1A MOTOR BEARING OIL RESERVOIR				'A' DH VAULT 4' SOUTH OF PUMP 1' OFF FLOOR	1AB261051
DH-T-3B	DH-P-1B MOTOR BEARING OIL RESERVOIR				'B' DH VAULT 4' SOUTH OF PUMP 1' OFF FLOOR	1AB261056

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-T-7	ECCS SUMP FOR COLLECTION OF LIQUID AFTER LARGE BREAK LOCA				INSIDE REACTOR BUILDING SUMP @ ELEV. 281'-0"	1RB273010
DH-TE-610	BWST PRIMARY TEMPERATURE				BWST	1PA 110
DH-TE-619	BWST TEMPERATURE XMTR 335'				HALF WAY UP BWST WEST OF LADDER	1PA 110
DH-TE-620	BWST TEMPERATURE XMTR 307'				BOTTOM OF BWST WEST OF LADDER	1PA 111
DH-V-0005A	BWST TO DH PUMPS	AB	281	ON DIVIDING WALL N. FACE		
DH-V-0005B	BWST TO DH PUMPS	AB	281	ON DIVIDING WALL S. FACE		
DH-V-0007A	DH HX DISCH TO MU-P-1	AB	281	W SIDE OF MU VLV ALLEY ENTRANC		
DH-V-0007B	DH-V C-1B DISCHARGE TO MU SYSTEM	AB	281	E SIDE OF MU-VLV ALLEY ENTRANC		
DH-V-1	RCS DROP LINE TO DECAY HEAT ISOL VALVE				INSIDE D-RING E OF B OTSG BTWN OTSG & D RC PMP COLDLEG 25FT UP EL.303-0 AT CONN. TO RCP-B COLD LEG	1RBDR 520
DH-V-1	DH DROP LINE TO PMP SUCTN VALVE OPERATOR					
DH-V-1000	DH-DPT-802 & DH-FI-299A HI ISOLATION				A DH VAULT SE CORNER ABV CTR LINE TO HEADER 15FT ABV SMALL LADER	1AB261051
DH-V-1001	DH-DPT-802 & DH-FI-299A LO ISOLATION				SE CORNER A DH VAULT,ABV LINE ON E END HEADER 15FT ABV SM LADDER	1AB261051
DH-V-1002	DH-DPT-803 & DH-FI-299B HI ISOLATION				4FT FROM S WALL 9 ABV FL 3 E OF LINE ON W END OF SUCTION HDR	1AB261056
DH-V-1003	DH-DPT-803 & DH-FI-299B LO ISOLATION				B DH VLT,4FT FRM S WALL,9FT UP,1FT W VERT LINE @ CTR OF SUCT HDR	1AB261056
DH-V-1004	DH-LT-808 LO ISOLATION				2 1/2 SOUTH OF DH-V-28 6" ABOVE FOUNDATION	1AB281055
DH-V-1005	DH-LT-809 LO ISOLATION				7' SOUTH OF SODIUM THIO. TANK 6" ABOVE FOUNDATION ONSIDE OF BWST	1PA 110
DH-V-1006	DH-5-PI1 ISOLATION				"A" DH VAULT ON PUMP DISCHARGE LINE 5 1/2' ABOVE FLOOR	1AB261051
DH-V-1007	DH-5-PI2 ISOLATION				B DH VAULT ON E SIDE OF PMP DISCH LINE BELOW CK VLV 5FT OFF FLR	1AB261056
DH-V-1008	DH7-PT-1 ISOLATION				"A" DH VAULT ON S SIDE OF PUMP DISCHARGE LINE 8' ABOVE FLOOR	1AB261051
DH-V-1009	DH7-PT-2 ISOLATION				B DH VLT ON S SIDE OF PMP DISCH LINE 8 ABV FLR & ABV CHECK VALVE	1AB261056
DH-V-1010	DH-PX-394 ISOLATION				A DH VAULT AT E END OF HEAT EXCHANGER ON NORTH SIDE 5 ABOVE FLR	1AB261051
DH-V-1011	DH-PX-395 ISOLATION				"A" DH VAULT AT E END OF HEAT EXCHANGER ON N SIDE 8' ABOVE FLOOR	1AB261051
DH-V-1012	DH-PX-396 ISOLATION				"B" DH VAULT EAST END OF HEAT EXCHANGER NORTH SIDE 5 ABOVE FLOOR	1AB261056
DH-V-1013	DH-PX-397 ISOLATION				"B" DH VAULT EAST END OF HEAT EXCHANGER NORTH SIDE 5 ABOVE FLOOR	1AB261056
DH-V-1014	DH-PI-418 ISOLATION				1' FROM DHP1A BODY-ON SKID	1AB261051

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-1015	DH-PI-419 ISOLATION				1' FROM DHP1B BODY-ON SKID	1AB261056
DH-V-1016	DH-PX-593A ISOLATION				A DH VLT ABV MOTOR 6FT FROM W WALL 2FT FROM N WALL 10FT ABV FLR	1AB261051
DH-V-1017	DH-PX-593B ISOLATION				8FT N OF W END HX, 12FT ABV FL, UNDER VENTL DUCT OUTLET 1FT W WALL	1AB261056
DH-V-1018	DH-PX-594A ISOLATION				A DH VAULT ABOVE MOTOR 8 FROM W WALL 2 FROM N WALL 10 ABOVE FLR	1AB261051
DH-V-1019	DH-PX-594B ISOLATION				W END HX 12FT UP, UDR VENT DUCT OUTLET, 5FT N HX, 1FT FRM W WALL	1AB261056
DH-V-1020	DH-8-PS1 ISOLATION				BETWEEN RX BLDG WALL AND DHV3	1AB281055
DH-V-1021	DH-FI-299A LOW SIDE DRAIN				"A" DH VAULT S WALL 12' FROM SE CORNER OF VAULT 5' ABOVE FLOOR	1AB261051
DH-V-1022	DH-FI-299A HIGH SIDE DRAIN				"A" DH VAULT S WALL 12' FROM SE CORNER OF VAULT 5' ABOVE FLOOR	1AB261051
DH-V-1027	DH-7-PT1 ISOLATION				"A" DH VAULT N. WALL 8' OFF FLOOR BY PUM P	1AB261051
DH-V-1028	DH-7-PT2 ISOLATION				"B" DH VAULT N. WALL 8' OFF FLOOR BY PUM P	1AB261056
DH-V-1029	DH-LT-808 HI SIDE ISOL				BBWST TUNNEL ENTRANCE GROUND LEVEL IN BOX ON NW WALL	1PA 111
DH-V-1029A	BWST INST. ISOLATION VALVE-SPARE				BWST TUNNEL ENTRANCE 4' BELOW GROUND LEVEL IN BOX NW CORNER	1PA 111
DH-V-1029B	VOID:VENT VLV REPLACED W THREADED NIPPLE				BWST TUNNEL ENTRANCE 4' BELOW GROUND LEV EL IN BOX NW CORNER	1PA 111
DH-V-1029C	DH-DPS-914 DRAIN				BWST TUNNEL ENTRANCE 4' BELOW GROUND LEVEL IN BOX NW CORNER	1PA 111
DH-V-1030	DH-LT-808 HIGH SIDE ISOLATION				BWST TUNNEL ENTRANCE, GROUND LEVEL WITHIN BOX "DH3LT2"	1PA 111
DH-V-1031	DH-8-PS1 ISOLATION				BEHND LINES TO & 2FT ABV LARGE LEAKOFF FUNNEL 6IN FRM RB WALL	1AB281055
DH-V-1032A	DH-FI-299A HI SIDE ISOL VALVE				A DH VLT S WALL W END SUCT HDR 8FT UP 7FT E LINE ON W END HDR	1AB261051
DH-V-1032B	DH-FI-299A LO SIDE ISOL VALVE				A DH VLT S WALL W END SUCT HDR 8FT UP 7FT E LINE ON W END HDR	1AB261051
DH-V-1032C	DH-FI-299A EQUALIZING VALVE				A DH VLT S WALL W END SUCT HDR 8FT UP 7FT E LINE ON W END HDR	1AB261051
DH-V-1032D	DH-FI-299A HI/LO TEST CONN VALVE				A DH VLT S WALL W END SUCT HDR 8FT UP 7FT E LINE ON W END HDR	1AB261051
DH-V-1033A	DH-FI-299B HI SIDE ISOL VALVE				B DH VAULT SUCTION HEADER EAST WALL CENTER 5' ABOVE FLOOR	1AB261056
DH-V-1033B	DH-FI-299B LO SIDE ISOL VALVE				B DH VAULT SUCTION HEADER EAST WALL CENTER 5' ABOVE FLOOR	1AB261056
DH-V-1033C	DH-FI-299B EQUALIZING VALVE				B DH VAULT SUCTION HEADER EAST WALL CENTER 5' ABOVE FLOOR	1AB261056
DH-V-1033D	DH-FI-299B HI/LO TEST CONN VALVE				B DH VAULT SUCTION HEADER EAST WALL CENTER 5' ABOVE FLOOR	1AB261056

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-1085A	DH-DPT-802 HI SIDE ISOL VALVE				"A" DH VAULT SE CORNER OF VAULT 4' ABOVE FLOOR	1AB261051
DH-V-1085B	DH-DPT-802 LO SIDE ISOL VALVE				"A" DH VAULT SE CORNER OF VAULT 4' ABOVE FLOOR	1AB261051
DH-V-1085C	DH-DPT-802 EQUALIZING VALVE				"A" DH VAULT SE CORNER OF VAULT 4' ABOVE FLOOR	1AB261051
DH-V-1085D	DH-DPT-802 HI SIDE TEST CONN VALVE				"A" DH VAULT SE CORNER OF VAULT 4' ABOVE FLOOR	1AB261051
DH-V-1085E	DH-DPT-802 LO SIDE TEST CONN VALVE				"A" DH VAULT SE CORNER OF VAULT 4' ABOVE FLOOR	1AB261051
DH-V-1086A	DH-DPT-803 HI SIDE ISOL VALVE				B DH VLT MANIFOLD VALVE ON S WALL W OF SUCTION HDR 4 1/2 ABV FLR	1AB261056
DH-V-1086B	DH-DPT-803 LO SIDE ISOL VALVE				B DH VLT MANIFOLD VALVE ON S WALL W OF SUCTION HDR 4 1/2 ABV FLR	1AB261056
DH-V-1086C	DH-DPT-803 EQUALIZING VALVE				B DH VLT MANIFOLD VALVE ON S WALL W OF SUCTION HDR 4 1/2 ABV FLR	1AB261056
DH-V-1086D	DH-DPT-803 HI SIDE TEST CONN VALVE				B DH VLT MANIFOLD VALVE ON S WALL W OF SUCTION HDR 4 1/2 ABV FLR	1AB261056
DH-V-1086E	DH-DPT-803 LO SIDE TEST CONN VALVE				B DH VLT MANIFOLD VALVE ON S WALL W OF SUCTION HDR 4 1/2 ABV FLR	1AB261056
DH-V-1087	DH-DPT-802 HI SIDE DRAIN				"A" DH VAULT SE CORNER OF VAULT 3' ABOVE FLOOR	1AB261051
DH-V-1088	DH-DPT-803 HI SIDE DRAIN				"B" DH VAULT ON S WALL WEST OF SUCTION HEADER 3' ABOVE FLOOR	1AB261056
DH-V-1089	DH-DPT-802 LO SIDE DRAIN				"A" DH VAULT SE CORNER OF VAULT 3' ABOVE FLOOR	1AB261051
DH-V-1090	DH-DPT-803 LO SIDE DRAIN				"B" DH VAULT ON S WALL WEST OF SUCTION HEADER 3' ABOVE FLOOR	1AB261056
DH-V-1093	DH-LT-809 INLET ISOLATION				BWST TUNNEL 4' DOWN LADDER ON SOUTH WALL	1PA 111
DH-V-1096	DH-LT-809 INLET LINE DRAIN				BWST TUNNEL 4' DOWN LADDER ON SOUTH WALL	1PA 111
DH-V-1099	DH-DPT-802 LOW SIDE ISOLATION				"A" DH VAULT SE CORNER OF VAULT 3 1/2' ABOVE FLOOR	1AB261051
DH-V-1100	DH-DPT-803 LO SIDE ISOLATION				"B" DH VAULT ON S WALL WEST OF SUCTION HEADER 4' ABOVE FLOOR	1AB261056
DH-V-1101	DH-DPT-802 HI SIDE ISOLATION				"A" DH VAULT SE CORNER OF VAULT 3 1/2' ABOVE FLOOR	1AB261051
DH-V-1102	DH-DPT-803 HI SIDE ISOLATION				"B" DH VAULT ON S WALL WEST OF SUCTION HEADER 4' ABOVE FLOOR	1AB261056
DH-V-1103	DH-PI-1224A ISOLATION				"A" DH VAULT AT PUMP DISCHARGE 6' OFF FLOOR	1AB261051
DH-V-1104	DH-PI-1224B ISOLATION				"B" DH VAULT AT PUMP DISCHARGE 5' OFF FLOOR	1AB261056
DH-V-1105	DH-PI-1223A ISOLATION				"A" DH VAULT AT PUMP DISCHARGE 6' OFF FLOOR	1AB261051
DH-V-1106	DH-PI-1223B ISOLATION				"B" DH VAULT AT PUMP DISCHARGE 6' OFF FLOOR	1AB261056

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-1107	DH-LT-808 DRAIN				BWST TUNNEL 4' DOWN LADDER ON SOUTH WALL	1PA 111
DH-V-1108	DH-LT-808 VENT				BWST TUNNEL 1' BELOW GROUND IN BOX NW CORNER	1PA 111
DH-V-1109	DH-LT-808 LOW SIDE ISOLATION				BWST TUNNEL 1' BELOW GROUND IN BOX, N.W. CORNER	1PA 111
DH-V-1110A	DH-DPI-1493A LOW SIDE ISOLATION VALVE				IN "A" DECAY HEAT VAULT NEAR DH-P-1A	1AB261051
DH-V-1110B	DH-DPI-1493B LOW SIDE ISOLATION VALVE				IN "B" DECAY HEAT VAULT NEAR DH-P-1B	1AB261056
DH-V-1112A	DH-DPI-1493A HIGH SIDE ISOLATION VALVE				IN "A" DECAY HEAT VAULT NEAR DH-P-1A	1AB261051
DH-V-1112B	DH-DPI-1493B HIGH SIDE ISOLATION VALVE				IN "B" DECAY HEAT VAULT NEAR DH-P-1B	1AB261056
DH-V-12A	RCS DROP LINE TO DH-P-1A SUCT HDR ISOL				AB281 6 SOUTH OF SMALL LEAKOFF FUNNEL 6 FROM RB WALL 7ABOVE FLR	1AB281050
DH-V-12B	RCS DROP LINE TO DH-P-1B SUCT HDR ISOL				AUX BLDG 281 10' SE OF LARGE LEAKOFF FUNNEL 7' ABOVE FLOOR	1AB281055
DH-V-13A	DH-P-1A SUCTION LINE RELIEF VALVE				'A' DH VAULT 20' ABOVE PUMP	1AB261051
DH-V-13B	DH-P-1B SUCTION LINE RELIEF VALVE				'B' DH VAULT 20' ABOVE PUMP	1AB261056
DH-V-147	DH-P-1A CYCLONE SEPARATOR TO SEALS				'A' DH VAULT AT PUMP SUCTION LINE	1AB261051
DH-V-148	DH-P-1A CYCLONE SEPARATOR INLET				'A' DH VAULT AT PUMP SUCTION LINE	1AB261051
DH-V-149	DH-P-1A CYCLONE SEPARATOR TO PUMP SUCTIO				'A' DH VAULT AT PUMP SUCTION LINE	1AB261051
DH-V-14A	BWST SUPPLY TO DECAY HEAT CHECK VALVE				CHECK VALVE 2' EAST OF DH-V-5A	1AB281050
DH-V-14B	BWST SUPPLY TO DECAY HEAT CHECK VALVE				CHECK VALVE 2' EAST OF DH-V-5B	1AB281055
DH-V-150	DH-P-1B CYCLONE SEPARATOR TO SEALS				'B' DH VAULT AT PUMP SUCTION LINE	1AB261056
DH-V-151	DH-P-1B CYCLONE SEPARATOR INLET				'B' DH VAULT AT PUMP SUCTION LINE	1AB261056
DH-V-152	DH-P-1B CYCLONE SEPARATOR TO PUMP SUCTIO				'B' DH VAULT AT PUMP SUCTION LINE	1AB261056
DH-V-154	RX BLDG ISOL TEST VALVE				AUX BLD MEZZ NEAR MU VALVE ALLEY	1AB294054
DH-V-155A	DH-P-1A PUMP OIL RESEVOIR SAMPLE VALVE				AUX BLD 261 ELEV. "A" DECAY HEAT REMOVAL VAULT	1AB261051
DH-V-155B	DH-P-1B PUMP OIL RESEVOIR SAMPLE VALVE				AUX BLD 261 ELEV. "B" DECAY HEAT REMOVAL VAULT	1AB261056
DH-V-156A	DH-P-1A INBOARD MOTOR BRG SAMPLE				AUX BLD 261 ELEV. "A" DECAY HEAT REMOVAL VAULT	1AB261051
DH-V-156B	DH-P-1B INBOARD MOTOR BRG SAMPLE				AUX BLD 261 ELEV. "B" DECAY HEAT REMOVAL VAULT	1AB261056
DH-V-157A	DH-P-1A OUTBOARD MOTOR BRG SAMPLE				AUX BLD 261 ELEV. "A" DECAY HEAT REMOVAL VAULT	1AB261051
DH-V-157B	DH-P-1B OUTBOARD MOTOR BRG SAMPLE				AUX BLD 261 ELEV. "B" DECAY HEAT REMOVAL VAULT	1AB261056
DH-V-158A	RB SUMP LINE TO DH DRAIN / SUMP SAMPLE				AUX BLDG 261' ELEV. "A" DECAY HEAT VAULT UPSTREAM OF DH-V-6A	1AB261056
DH-V-158B	RB SUMP LINE TO DH DRAIN / SUMP SAMPLE				AUX BLDG 261' ELEV. "B" DECAY HEAT VAULT UPSTREAM OF DH-V-6B	1AB261056
DH-V-15A	DH-P-1A SUCTION ISOLATION VALVE				A DH VAULT PUMP SUCTION 6 SOUTH OF LADDER 7 ABOVE FLR CHAIN VLV	1AB261051

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-15B	DH-P-1B SUCTION ISOLATION VALVE				B DH VAULT PUMP SUCTION 2 EAST OF PUMP 7 ABOVE FLR CHAIN VALVE	1AB261056
DH-V-164	DH 'A PIGGYBACK LINE' VENT VALVE					
DH-V-165A	DH AT PENETRATION # 303 VALVE (ECD C204029-09/96)				PENetration 303	
DH-V-165B	DH AT PENETRATION # 310 VALVE (ECD C204029-09/96)				PENetration 310	
DH-V-166A	DH AT PENETRATION # 303 VALVE (ECD C204029 09/96)				PENetration 303	1AB281055
DH-V-166B	DH AT PENETRATION # 310 VALVE (ECD C204029 09/96)				PENetration 310	1AB294054
DH-V-167A	DH-V-14A LEAK TEST VENT VALVE				AUX BLDG @ ELEV 284-6	
DH-V-167B	DH-V-14B LEAK TEST VENT VALVE				AUX BLDG @ ELEV 284-6	
DH-V-168	SUCTION CROSS CONNECT HEADER VENT VALVE				DOWNSTREAM DH-V-12A 10' ABOVE FLOOR	
DH-V-169	DISCHARGE CROSS CONNECT HEADER VENT VALVE				EAST OF DH-P-1B 9' ABOVE FLOOR N WALL	
DH-V-16A	DH-P-1A DISCHARGE CHECK VALVE				CHECK VALVE "A" DH PUMP DISCHARGE	1AB261051
DH-V-16B	DH-P-1B DISCHARGE CHECK VALVE				CHECK VALVE "B" DH PUMP DISCHARGE	1AB261056
DH-V-170	DH-V-1 BONNET RELIEF CHECK VALVE				AT DH-V-1 BONNET	1RBDR 520
DH-V-171	DH-V-2 BONNET RELIEF CHECK VALVE				AT DH-V-2 BONNET	1RB279000
DH-V-172	DH-V-1/2 INTERSPACE RELIEF CHECK VALVE				AT SECONDARY SHIELD WALL BEHIND DH-V-2	1RB279000
DH-V-173	DH-V-1/2 INTERSPACE ISOLATION VALVE				3 FEET NORTH OF DH-V-2 BONNET	
DH-V-174	DH-V-1&2 INTERSPACE PRESS RELIEF PATH TEST ISOL				NEAR DH-V2	
DH-V-175	DH-V-1&2 INTERSPACE PRESS RELIEF PATH TEST VALVE				NEAR DH-V2	
DH-V-176	DH-V-1 BONNET PRESSURE RELIEF PATH TEST ISOL				NEAR DH-V1	
DH-V-177	DH-V-1 BONNET PRESSURE RELIEF PATH TEST VALVE				NEAR DH-V1	
DH-V-178	DH-V-2 BONNET PRESSURE RELIEF PATH TEST ISOL				NEAR DH-V2	
DH-V-179	DH-V-2 BONNET PRESSURE RELIEF PATH TEST VALVE				NEAR DH-V2	
DH-V-181A	DH-V-52A UPSTREAM MANUAL AIR VENT				LOCATED UPSTREAM OF DH-V-52A	1AB281050
DH-V-181B	DH-V-52B UPSTREAM MANUAL AIR VENT				LOCATED UPSTREAM OF DH-V-52B	1AB281055
DH-V-182A	BS-V-52A DOWNSTREAM MANUAL AIR VENT				AIR VENT DOWNSTREAM OF BS-V-52A	1AB281050
DH-V-182B	BS-V-52B DOWNSTREAM MANUAL AIR VENT				LOCATED DOWNSTREAM OF BS-V-52B	1AB281055
DH-V-183A	DH-P-1A DISCHARGE HIGH POINT VENT				ABOVE THE SOUTH END OF DH-C-1A	1AB261051
DH-V-183B	DH-P-1B DISCHARGE HIGH POINT MANUAL AIR VENT				ABOVE SOUTH END OF DH-C-1B	1AB261056
DH-V-184	MANUAL AIR VENT - ON DH-V-12A				281' AB ON BOTTOM OF DH-V-12A BODY	1AB281050
DH-V-185	HIGH POINT MANUAL AIR VENT UPSTREAM OF DH-V-7B				ON ELBOW EAST OF DH-V-7B	1AB281055
DH-V-186A	HIGHPOINT MANUAL AIR VENT UPSTREAM OF BS-V-3A				APPROX 13' ABOVE FLOOR UPSTREAM OF BS-V-3A	1AB261051
DH-V-186B	HIGHPOINT MANUAL AIR VENT UPSTREAM OF BS-V-3B				B DH VAULT OVERHEAD	1AB261056
DH-V-187	AUX SPRAY VENT UPSTREAM DH-V-64				291 FOOT MEZANINE NEAR OVERHEAD ON 2" AUX SPRAY LINE	1AB294054
DH-V-188A	DH-P-1A DISCHARGE HI POINT VENT				LOCATED NEXT TO DH-P-1A APPROX 7' OFF FLOOR	1AB261051
DH-V-188B	DH-P-1B DISCHARGE HI POINT VENT				LOCATED NEXT TO DH-P-1B - 5' ABOVE FLOOR	1AB261056
DH-V-189A	HI POINT VENT UPSTREAM OF BS-V-3A				LOCATED OPPOSITE BS-V-3A - 6' ABOVE FLOOR	1AB261051

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-189B	HIGH POINT VENT UPSTREAM OF BS-V-3B				LOCATED ACROSS FROM BS-V-3B - 5' ABOVE FLOOR	1AB261056
DH-V-18A	DECAY HEAT 'A' INJECTION RELIEF				'A' DH VAULT 20' OFF FLOOR ABOVE DH-V-19 A	1AB261051
DH-V-18B	DECAY HEAT 'B' INJECTION RELIEF				'B' DH VAULT 20' OFF FLOOR ABOVE DH-V-19 B	1AB261056
DH-V-190	AUX SPRAY LINE HI POINT VENT				APPROX 6' ABOVE FLOOR TO RIGHT OF DH-V-5A	1AB281050
DH-V-191B	HIGHPOINT MANUAL AIR VENT DH-P-1B SUCTION				B DH VAULT OVERHEAD	1AB261056
DH-V-192B	HIGHPOINT MANUAL AIR VENT DH-P-1B SUCTION				B DH VAULT 5' OFF OF FLOOR @ DH-P-1B	1AB261056
DH-V-19A	DH-C-1A OUTLET THROTTLE VALVE				A DH @ E END HX 6FT UP, OPERATE FRM 281,3FT PEDESTAL NEAR DH-V-5A	1AB261051
DH-V-19B	DH-C-1B OUTLET THROTTLE VALVE				B DH VLT @ E END HX 6FT UP, OPER FRM 281EL,3 PEDESTAL UNDER STEPS	1AB261056
DH-V-1-BK	1C ES VALVES MCC UNIT 3A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
DH-V-2	RCS DROP LINE TO DECAY HEAT ISOL VALVE				W SIDE BTWN STAIRWAY & SU MP 12 UP 2FROM "D" RING OUTSIDE WALL	1RB279000
DH-V-2	CONTAINMENT ISOLATION DH DROP LINE VLV OP				EL.291.5 AT CONN. TO RCP LOOP'B' PEN.306	
DH-V-20A	DH-P-1A CLEANUP/ RECIRC TO BWST (B.5.B COMPONENT)				AB BTWN LARGE & SM LEAKOFF FUNNEL S,6FT FROM RB WALL,7FT OFF FLR	1AB281050
DH-V-20B	DH-P-1B CLEANUP/ RECIRC TO BWST				AUX BLDG 281 7' N OF ENTRANCE TO "B" DH VAULT 8' ABOVE FLOOR	1AB281055
DH-V-21	DH-P-1'S RECIRC TO THE BWST				6FT E OF ENT TO B SPRAY VLT 9FT ABV FLR CHAINOPERATED VALVE	1AB281055
DH-V-22A	CONTAINMENT ISOLATION - DH LOOP 'A' TO RX CHECK VALVE				REACTOR BLDG 308' O/S D-RING UNDER FLOOR WEST OF 'A' CF TANK	1RB308100
DH-V-22B	CONTAINMENT ISOLATION - DH LOOP 'B' TO RX CHECK VALVE				REACTOR BLDG IN ROOM ABOVE LETDOWN COOLE R CUBICLE	1RB279015
DH-V-24A	DH-P-1A SUCTION HEADER DRAIN				A DH VAULT S WALL 6 E OF HEAT EXCHANGER 1 ABOVE FLR UNDER HEADER	1AB261051
DH-V-24B	DH-P-1B SUCTION HEADER DRAIN				'B' DH VAULT SOUTH WALL 10' WEST OF LADDER 6" ABOVE FLOOR	1AB261056
DH-V-25A	DH-P-1A SUCTION HEADER VENT				A DH VAULT S WALL 12 WEST OF SE CORNER OF VAULT 4 1/2 ABOVE FLR	1AB261051
DH-V-25B	DH-P-1B SUCTION HEADER VENT				'B' DH VAULT 6' WEST OF LADDER ON SOUTH WALL 4' ABOVE FLOOR	1AB261056
DH-V-27	BWST VACUUM RELIEF PROTECTION (NOT MAINTAINED OPERABLE PER SDBD)				TOP OF BWST MOUNTS ON 8" TANK NOZZLE	1PA 110
DH-V-28	BWST CLEANUP RETURN FROM SF COOLING				1' EAST OF BWST 4' SOUTH OF 24" DISCHARGE LINE	1PA 110

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-29	BWST OVERFLOW ISOLATION (B.5.B COMPONENT)				EAST SIDE OF BWST 5' ABOVE FOUNDATION OVER 24" DISCHARGE LINE	1PA 110
DH-V-2-BK	1C ES VALVES MCC UNIT 3B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
DH-V-3	DECAY HEAT DROP LINE CONTAINMENT ISOL				3FT N LARG LEAKOFF FUNNEL 10FT UP OPER FRM MEZZANINE FL OVERHEAD	1AB281055
DH-V-3	CONTAINMENT ISOLATION DH DROP LINE VLV OP				EL.295-0 AT PENETR.306 SOUTHWEST WALL	
DH-V-30A	BWST DRAIN TO TUNNEL SUMP				2' E OF BWST 1' ABOVE FOUNDATION S OF & BELOW 24" DISCHARGE LINE	1PA 110
DH-V-30B	BWST DRAIN TO TUNNEL SUMP				3' E OF BWST 1' ABOVE FOUNDATION S OF & BELOW 24" DISCHARGE LINE	1PA 111
DH-V-31	BWST RECIRC LINE SAMPLE ISOL				AB 281 4' EAST OF ENTRANCE 70 "A" SPRAY VAULT 4' ABOVE FLOOR	1AB281050
DH-V-33A	DH-C-1A TUBE SIDE VENT				A DH VLT PMP DISCH LINE 12FT UP TOP OF LINE & ABV PMP MTR COUPL	1AB261051
DH-V-33B	DH-C-1B TUBE SIDE VENT				ON PMP DISCH LINE 12 UP ON TOP OF LINE & ABV PMP MTR COUPLING	1AB261056
DH-V-34A	DH-C-1A TUBE SIDE DRN				A DH VAULT AT E END OF HEAT EXCHANGER ON NORTH SIDE 1 ABOVE FLR	1AB261051
DH-V-34B	DH-C-1B TUBE SIDE DRN				B DH VAULT EAST END OF HEAT EXCHANGER ON NORTH SIDE 1 ABOVE FLR	1AB261056
DH-V-36A	DH-P-1A CASING DRAIN				"A" DH VAULT 1' ABOVE FLOOR 8" FROM PUMP UNDER SUCTION LINE	1AB261051
DH-V-36B	DH-P-1B CASING DRAIN				"B" DH VAULT 1' ABOVE FLOOR 8" FROM NE CORNER OF PUMP	1AB261056
DH-V-37	CONTAINMENT ISOLATION - DECAY HEAT DROP LINE RELIEF				REACTOR BLDG	1RB279000
DH-V-38A	DH-C-1A OUTLET CROSS CONNECT				A DH VLT 8FT E HX 4FT FRM S WALL 9FT UP OP FRM 281 NEAR DH-V-5A	1AB261051
DH-V-38B	DH-C-1B OUTLET CROSS CONNECT				B DH VAULT 8' E OF HX 4' FROM S WALL 9' UP OP FROM 281 ELEV	1AB261056
DH-V-3-BK	1C ES VALVES MCC UNIT 4B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
DH-V-44	BWST TO MU PUMPS DRAIN				IN MIDDLE OF HEADER W OF ENTRANCE TO MU VALVE ALLEY 6" ABOVE FLR	1AB281060
DH-V-45A	DH-C-1A OUTLET SAMPLE CE-119 ISOL				A DH VLT 1FT E HX 15FT UP HIDDEN TOP OF LN -12FT DWNSTM DH-V-19A	1AB261051
DH-V-45B	DH-C-1B OUTLET SAMPLE CE-118 ISOL				2FT FRM S WALL, 8FT E HX, 9FT UP, BTWN S WALL & HT EXCH OUTLET LINE	1AB261056
DH-V-46A	DH-P-1A DISCH TEST AND DRAIN ISOLATION				A DH VAULT AT E END OF HEAT EXCHANGE R 2 FROM S WALL 9 ABOVE FLR	1AB261051

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-46B	DH-P-1B DISCH TEST AND DRAIN ISOLATION				B DH VAULT 3 FROM SOUTHWALL 6 EAST OF HEAT EXCHANGER 8 ABOVE FLR	1AB261056
DH-V-47A	DH-V-4A PRESSURE LOCK ISOLATION VALVE				8FT S OF SMALL LEAKOFF FUNNEL: 9FT UP: 1FT FROM RB WALL	1AB281050
DH-V-47B	DH-V-4B PRESSURE LOCK ISOLATION VALVE				N OF B DH VAULT HATCH : 9FT UP: 4FT NW OF LADDER: 1FT FR RB	1AB281055
DH-V-48A	DH LOOP 'A' TO RCS VENT				W SIDE 15 S OF FIRE HOSE REEL UNDER STAIRWAY 4.5 UP ON "D" RING	1RB279000
DH-V-48B	DH LOOP 'B' TO RCS VENT				1 FROM W END OF RB SUMP GRATING 4.5 UP ON "D" RING OUTSIDE WALL	1RB273010
DH-V-49	DH PUMP RECIRC TO BWST CHECK VALVE				281' AUX BLDG 20' OFF FLOOR ABOVE 'B' BLDG SPRAY VAULT	1AB281055
DH-V-4A	DH-P-1A DISCHARGE TO REACTOR VESSEL				9 S SMALL LEAKOFF FUNNEL 12FT UP OPER FRM MEZZANINE FL OVERHEAD	1AB281050
DH-V-4A	CONTAINMENT ISOLATION DH-P-1A DISCH ISOL VLV OP				EL. 291-6 AT PENETR. 303 SOUTHWEST WALL	1AB281055
DH-V-4A-BK	1A ES VALVES MCC UNIT 1C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-4B	DH-P-1B DISCH VALVE TO RX VESSEL				ON MEZZANINE N OF MU VALVE ALLEY FIRST VALVE AT TOP OF LADDER	1AB294054
DH-V-4B	CONTAINMENT ISOLATION DH-P-1B DISCH ISOL VLV OP				EL. 291-6 AT PENETR. 303 SOUTHWEST WALL	1AB294054
DH-V-4B-BK	1B ES VALVES MCC UNIT 1C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-50	SF RETURN CLEANUP CHECK VALVE				281' AUX BLDG 7' OFF FLOOR ABOVE DH-V-14 A	1AB281050
DH-V-51	DH-V-1 TO DH-V-2 LINE VENT				W SIDE 15 S OF FIREHOSE REEL UNDER S WAY 4.5 UP ON "D" RING	1RB279000
DH-V-52	DH CLEANUP ISOLATION TO WDL (B.5.B COMPONENT)				OPER FROM PEDESTAL LOCATED 4FT TO LEFT OF TOP OF LADDER TO MEZZ	1AB294054
DH-V-53	BWST OUTLET LINE TO MU/DH DRAIN				BWST TUNNEL 6' ABOVE FLOOR & 5' TO RIGHT OF "B" SUMP PUMP	1PA 111
DH-V-54	BWST RECIRC LINE DRAIN				BWST TUNNEL 4 1/2' ABOVE FLOOR & 2' TO RIGHT OF "B" SUMP PUMP	1PA 111
DH-V-55	BWST RETURN FROM CLEANUP LINE DRAIN				BWST TUNNEL 6' NORTH OF LADDER 3' ABOVE FLOOR	1PA 111
DH-V-56A	DH-P-1A RECIRC ISOLATION				A DH VAULT AT E END OF HEAT EXCHANGER 1 FROM S WALL 6 ABOVE FLR	1AB261051
DH-V-56B	DH-P-1B RECIRC ISOLATION				B DH VAULT AT E END OF HEAT EXCHANGER 1 FROM S WALL 6 ABOVE FLR	1AB261056
DH-V-57A	BWST TO DH-P-1A SUCTION RELIEF				281' AUX BLDG BETWEEN DH-V-5A AND DH-V-14A	1AB281050
DH-V-57B	BWST TO DH-P-1B SUCTION RELIEF				281' AUX BLDG BETWEEN DH-V-5B AND DH-V-14B	1AB281050

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-58A	DH-P-1A CASING DRAIN				"A" DH VAULT 1' ABOVE FLOOR 4" FROM NE CORNER OF PUMP	1AB261051
DH-V-59A	CAUSTIC TO DH-P-1A SUCT CHECK				"A" DH VAULT 3' NORTH OF PUMP SUCTION 5' HIGH	1AB261051
DH-V-59B	CAUSTIC TO DH-P-1B SUCT CHECK				"B" DH VAULT 3' NORTH OF PUMP SUCTION 5' HIGH	1AB261056
DH-V-5A	BWST TO DH-P-1A SUCT HDR ISOL VALVE				AUX BLDG 281 ALONG WALL 15' SE OF ENTRANCE TO "A" SPRAY VAULT	1AB281050
DH-V-5A	DH SUCTION FROM BWST VALVE OPERATOR				EL. 283-3 A COL K, 6D 15FT SE OF SPRVAULTA	
DH-V-5A-BK	1A ES VALVES MCC UNIT 3A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-5B	BWST TO DH-P-1B SUCT HDR ISOL VALVE				AUX BLDG 281 8' WEST OF ENTRANCE TO "B" SPRAY VAULT	1AB281055
DH-V-5B	DH SUCTION FROM BWST VALVE OPERATOR				EL. 283-3 AT COL K, 6D 8FT W OF SPRAY VLTB	
DH-V-5B-BK	1B ES VALVES MCC UNIT 3A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-60A	CAUSTIC TO DH-P-1A SUCT RELIEF				"A" DH VAULT 4' NORTH OF PUMP 8' OFF FLOOR	1AB261051
DH-V-60B	CAUSTIC TO DH-P-1B SUCT RELIEF				"B" DH VAULT 4' NORTH OF PUMP 20' OFF FLOOR	1AB261056
DH-V-61A	CAUSTIC TO DH-P-1A ISOLATION				AUX BLDG 281 6' WEST OF DH-V-5B 9' ABOVE FLOOR	1AB281055
DH-V-61B	CAUSTIC TO DH-P-1B ISOLATION				AUX BLDG 281 7' WEST OF DH-V-5B 10' ABOVE FLOOR	1AB281055
DH-V-62	DECAY HEAT TO PZR SPRAY ISOL				15FT N OF B CF TK BELOW AH-V-1B & 4FT ABV FLR BEHND STEEL COLUMN	1RB308100
DH-V-63	DECAY HEAT TO PZR SPRAY ISOL				15FT N OF B CF TK BELOW AH-V-1B & 1FT ABV FLR BEHND STEEL COLUMN	1RB308100
DH-V-64	CONTAINMENT ISOLATION - DECAY HEAT TO PRZ SPRAY ISOL				1FT LEFT SM LEAKOFF FUNNEL ALONG RB WALL MU-F-3 3FT HI PED OPER	1AB305130
DH-V-65	PZR SPRAY LINE RB ISOL TEST VALVE				15FT N OF B CFT TK BELOW AH-V-1B 2 ABV FLR BEHND STEEL COLUMN	1RB308100
DH-V-66	PZR SPRAY LINE RB ISOL TEST VALVE				MEZZ NEAR MU VLV ALY 15FT FRM LADDER ALNG RB WALL 1FT E CBL TRAY	1AB294054
DH-V-67	DH TO PZR SPRAY LINE RELIEF VALVE				REACTOR BLDG	1RB279000
DH-V-68A	DH-S-1A BLOWDOWN VALVE				A DH 1FT FRM S WALL, 13FT UP&BEHND 2ND VERT LINE LEFT ON SUCT HDR	1AB261051
DH-V-68B	DH-S-1B BLOWDOWN VALVE				3FT FRM S WALL 14 UP NEAR CENTER OF SUCTION HDR BELOW STRAINER	1AB261056
DH-V-69	CONTAINMENT ISOLATION - DH TO PZR SPRAY CHECK VALVE				15FT NW RB SUMP 19FT UP 1.5FT FRM OUTSIDE WALL 6FT S STL COL 102	1RB279000
DH-V-6A	RB SUMP TO DH-P-1A SUCT HDR ISOL VALVE				A DH VAULT AT E END OF VAULT 12 ABOVE FLR OVER LADDER PLATFORM	1AB261051

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-6A	CONTAINMENT ISOLATION RB SUMP RECIRC SUCT VLVOP				EL 271-9 AT PENT. 354 SW WALL DH VAULT A	
DH-V-6A-BK	1A ES VALVES MCC UNIT 3B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-6B	RB SUMP TO DH-P-1B SUCT HDR ISOL VALVE				B DH VAULT AT EEND OF VAULT 10 ABOVE FLR ABOVE LADDER PLATFORM	1AB261056
DH-V-6B	CONTAINMENT ISOLATION RB SUMP RECIRC SUCT VLVOP				EL 271-9 AT PENT. 352 SW WALL DH VAULT B	
DH-V-6B-BK	1B ES VALVES MCC UNIT 3B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DH-V-70	TEST AND DRAIN ISOLATION				18FT NW RB SUMP 18FT UP 4FT FRM OUTSIDE WALL 2FT S STL COL 102	1RB279000
DH-V-75A	DH-P-1A REMOTE CASING VENT				"A" DH VAULT N WALL 6' LEFT OF LADDER 4 1/2' ABOVE FLOOR	1AB261051
DH-V-75A-BK	1E ES DC SW #2 : DH-V-75A/76A, DH-P-1A VENT VLV.				CONTROL TWR 322: A INVERTER ROOM	1CB322200
DH-V-75A-BK1	FUSED DISCONNECT SW. FOR DH-V-75A/76A, DH-P-1A VENT VLV.,FD57/58				DECAY HEAT PUMP VENT VALVES CONT PNL. SA: RELAY ROOM EAST SIDE	1CB338300
DH-V-75B	DH-P-1B REMOTE CASING VENT				"B" DH VAULT 3' N OF PUMP ON N WALL 4 1/2' ABOVE FLOOR	1AB261056
DH-V-75B	DH-P-1B AUTOMATIC CASING VENT VALVE SOLENOID				DH-P-1B EL 265-0 VAULT B	
DH-V-75B-BK	1F ES DC SW# 13 : DH-V-75B/76B, DH-P-1B VENT VLV.				CONTROL TWR 322: B INVERTER ROOM	1CB322200
DH-V-75B-BK1	FUSED DISCONNECT SW. FOR DH-V-75B/76B, DH-P-1B VENT VLV.,FD59/60				DECAY HEAT PUMP VENT VALVES CONT PNL. SB: RELAY ROOM EAST SIDE	1CB338300
DH-V-76A	DH-P-1A REMOTE CASING VENT				"A" DH VAULT N WALL 10' LEFT OF LADDER 4 1/2' ABOVE FLOOR	1AB261051
DH-V-76B	DH-P-1B REMOTE CASING VENT				"B" DH VAULT 3' NORTH OF MOTOR ON N WALL 4 1/2' ABOVE FLOOR	1AB261056
DH-V-76B	DH-P-1B REMOTE CASING VENT VALVE SOLENOID				DH-P-1B EL 265-0 DH VAULT B	
DH-V-77A	DH-P-1A CASING VENT				"A" DH VAULT NORTH WALL 6' LEFT OF LADDER 4' ABOVE FLOOR	1AB261051
DH-V-77B	DH-P-1B CASING VENT				"B" DH VAULT 3' N OF PUMP ON NORTH WALL 4' ABOVE FLOOR	1AB261056
DH-V-78A	DH-P-1A CASING VENT				"A" DH VAULT NORTH WALL 6' LEFT OF LADDER 3' ABOVE FLOOR	1AB261051
DH-V-78B	DH-P-1B CASING VENT				"B" DH VAULT 3' NORTH OF PUMP ON N WALL 3' ABOVE FLOOR	1AB261056
DH-V-79	ISOL VALVE - TEMP CONNECT BWST HEADER				NEAR DH-V-5B	1AB281055
DH-V-7A	DH-C-1A OUT TO MU-P SUCTION VALVE				W OF ENT TO MU VALVE ALLEY ALONG WALL @ W END OF HDR 2FT ABV FLR	1AB281055
DH-V-7A	DH-P-1A DISCHARGE VALVE OPERATOR				EL 283-10 AT VALVE MANIFOLD	
DH-V-7A-BK	1A ES VALVES MCC UNIT 3C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DH-V-7B	DH-C-1B OUT TO MU-P SUCTION VALVE				W OF ENT TO MU VALVE ALLEY ALONG WALL @ E END OF HDR 2FT ABV FLR	1AB281055
DH-V-7B	DH-P-1B DISCHARGE VALVE OPERATOR				EL. 283-10 AT VALVE MANIFOLD	
DH-V-7B-BK	1B ES VALVES MCC UNIT 3C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
DR-P-1A-BK	1R 480V ES SWGR UNIT 2C				1R 480 V UNIT 2C	1RWPH 100
DR-P-1B-BK	1T 480V ES SWGR UNIT 2C				1T 480 V BUS UNIT 2C SCREEN HOUSE	1RWPH 100
DR-S-1A	DECAY RIVER STRAINER				UNIT ONE SCREEN HOUSE, BETWEEN DR-P-1A & DR-V-1A	1RWPH 100
DR-S-1A	DR-S-1A CONTROL PANEL					
DR-S-1A-BK1	1A ES SCREEN HOUSE MCC UNIT 1BR				1A SH ES MCC SCREEN HOUSE	1RWPH 100
DR-S-1B	DECAY RIVER STRAINER				UNIT ONE SCREEN HOUSE BETWEEN DR-P-1B AND DR-V-1B	1RWPH 100
DR-S-1B	DR-S-1A CONTROL PANEL					
DR-S-1B-BK1	1B ES SCREEN HOUSE MCC UNIT 1EL				1B SH ES MCC UNIT 1EL SCREEN HOUSE	1RWPH 100
DR-V-015A	HEAT EXCHANGER VAULT DC-C-2A					
DR-V-1000	DR-PI-118 ISOLATION				HEAT EXCH VAULT NW CORNER OF DC-C-2A 6' OFF FLOOR	1AB271080
DR-V-1001	DR-PI-119 ISOLATION				HEAT EXCH VAULT NE CORNER OF DC-C-2A 6' OFF FLOOR	1AB271080
DR-V-1002	DR-PI-120 ISOLATION				HEAT EXCH VAULT ON SE END OF DC-C-2B 5' OFF FLOOR	1AB271080
DR-V-1003	DR-PI-121 ISOLATION				HEAT EXCH VAULT ON SW END OF DC-C-2B 5' OFF FLOOR	1AB271080
DR-V-1004	DR-DPIS-143 HIGH SIDE ISOLATION				SCREEN HOUSE 1' NORTH OF DR-S-1A	1RWPH 100
DR-V-1005	DR-DPIS-143 LOW SIDE ISOLATION				SCREEN HOUSE 1' NORTH OF DR-S-1A	1RWPH 100
DR-V-1006	DR-DPIS-144 HIGH SIDE ISOLATION				SCREEN HOUSE 1' NORTH OF DR-S-1B	1RWPH 100
DR-V-1007	DR-DPIS-144 LOW SIDE ISOLATION				SCREEN HOUSE 1' NORTH OF DR-S-1B	1RWPH 100
DR-V-1008	DR-DPIS-143 EQUALIZING VALVE				SCREEN HOUSE 1' NORTH OF DR-S-1A	1RWPH 100
DR-V-1009	DR-DPIS-144 EQUALIZING VALVE				SCREEN HOUSE 1' NORTH OF DR-S-1B	1RWPH 100
DR-V-1010	DR-DPIS-143 HIGH SIDE DRAIN				SCREEN HOUSE 1' NORTH OF DR-S-1A	1RWPH 100
DR-V-1011	DR-DPIS-143 LOW SIDE DRAIN				SCREEN HOUSE 1' NORTH OF DR-S-1A	1RWPH 100
DR-V-1012	DR-DPIS-144 HIGH SIDE DRAIN				SCREEN HOUSE 1' NORTH OF DR-P-1B	1RWPH 100
DR-V-1013	DR-DPIS-144 LOW SIDE DRAIN				SCREEN HOUSE 1' NORTH OF DR-P-1B	1RWPH 100
DR-V-1015	CLOSED AND CAPPED				SCREEN HOUSE 6IN WEST OF DR-P-1A DISCHARGE VACUUM BKR	1RWPH 100
DR-V-1017	CLOSED AND CAPPED				SCREEN HOUSE 6IN WEST PF DR-P-1B VACUUM BREAKER	1RWPH 100
DR-V-1024	DR-PI-1220A ISOLATION				SCREEN HOUSE BETWEEN DR-P-1A AND DR-S-1A	1RWPH 100
DR-V-1025	DR-PI-1220B ISOLATION				SCREEN HOUSE BETWEEN DR-P-1B AND DR-S-1B	1RWPH 100
DR-V-10A	RW VENT VALVE DC-C-2A				HEAT EXCH VAULT TOP OF NORTH END OF DC-C-2A	1AB271080
DR-V-10B	RW VENT VALVE DC-C-2B				HEAT EXCH VAULT ON TOP OF SOUTH END OF DC-C-2B	1AB271080

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DR-V-11A	RW VENT VALVE DC-C-2A				HEAT EXCH VAULT TOP OF SOUTH END OF DC-C-2A	1AB271080
DR-V-11B	RW VENT VALVE DC-C-2B				HEAT EXCH VAULT TOP OF NORTH END OF DC-C-2B	1AB271080
DR-V-12A	RW DRAIN VALVE DC-C-2A				HEAT EXCH VAULT BOTTOM NE CORNER OF DC-C-2A	1AB271080
DR-V-12B	RW DRAIN VALVE DC-C-2B				HEAT EXCH VAULT SW CORNER DC-C- 2B 10" OFF FLOOR	1AB271080
DR-V-13A	RW DRAIN VALVE DC-C-2A				HEAT EXCH VAULT NW CORNER OF DC- C-2A 12" OFF FLOOR	1AB271080
DR-V-13B	RW DRAIN VALVE DC-C-2B				HEAT EXCH VAULT SE CORNER OF DC- C-2B 12" OFF FLOOR	1AB271080
DR-V-14A	RW DRAIN VALVE DC-C-2A				HEAT EXCH VAULT BOTTOM SOUTH END OF DC-C-2A	1AB271080
DR-V-14B	RW DRAIN VALVE DC-C-2B				HEAT EXCH VAULT BOTTOM OF NORTH END OF DC-C-2B	1AB271080
DR-V-16A	SIPHON BREAKER ISOLATION DC-C-2A				HEAT EXCH VAULT ON SE CORNER 5' OFF FLOOR	1AB271080
DR-V-16B	SIPHON BREAKER ISOLATION DC-C-2B				HEAT EXCH VAULT ON NW CORNER 4' OFF FLOOR	1AB271080
DR-V-17A	DC-C-2A RW INLET VENT VALVE				HEAT EXCH VAULT EAST WALL NEAR DC-C-2A	1AB271080
DR-V-17B	DC-C-2B RW INLET VENT VALVE				HEAT EXCH VAULT NW CORNER 4' OFF FLOOR	1AB271080
DR-V-18A	DR-P-1A DISCHARGE DRAIN VALVE				SCREEN HOUSE BASEMENT SOUTH END 4FT FROM LADDER	1RWPH 100
DR-V-18B	DR-P-1B DISCHARGE DRAIN VALVE				SCREEN HOUSE BASEMENT NORTH END 8FT FROM LADDER	1RWPH 100
DR-V-1A-BK	1A ES SCREEN HOUSE MCC UNIT 12A				1A ES SH MCC UNIT 12A SCREEN HOUSE	1RWPH 100
DR-V-1B-BK	1B ES SCREEN HOUSE MCC UNIT 10A				SCREEN HOUSE: 1B SH ES MCC UNIT 10A	1RWPH 100
DR-V-24A	DR-S-1A AUTO BACKWASH VALVE OPERATOR				1' SOUTH OF DR-S-1A	
DR-V-24A	DR-S-1A BACKWASH VALVE				SCREEN HOUSE 1FT SOUTH OF DR-S- 1A 1FT OFF FLOOR	1RWPH 100
DR-V-24B	DR-S-1B AUTO BACKWASH VALVE OPERATOR				1' SOUTH OF DR-S-1B	
DR-V-24B	DR-S-1B BACKWASH VALVE				SCREEN HOUSE 1FT SOUTH OF DR-S- 1B 1FT OFF FLOOR	1RWPH 100
DR-V-2A	DC-C-2A RW INLET VALVE				HEAT EXCH VAULT ON NW CORNER OF DC-C-2A 12' OFF FLOOR	1AB271080
DR-V-2B	DC-C-2B RW INLET VALVE				HEAT EXCH VAULT ON SE CORNER OF DC-C-2B 12' OFF FLOOR	1AB271080
DR-V-30A	DR-S-1A AUTO VENT ISOL				SCREEN HOUSE WEST TOP OF DR-S- 1A	1RWPH 100
DR-V-30B	DR-S-1B AUTO VENT ISOL				SCREEN HOUSE WEST TOP OF DR-S- 1B	1RWPH 100
DR-V-31A	DR-P-1A DISCH VENT				SCREEN HOUSE 3IN EAST OF DR-V-1A	1RWPH 100
DR-V-31B	DR-P-1B DISCH VENT				SCREEN HOUSE 3IN EAST OF DR-V-1B	1RWPH 100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
DR-V-3A	DC-C-2A RW OUTLET VALVE				HEAT EXCH VAULT ON NE CORNER OF DC-C-2A 12' OFF FLOOR	1A8271080
DR-V-3B	DC-C-2B RW OUTLET VALVE				HEAT EXCH VAULT ON SW CORNER OF DC-C-2B 12' OFF FLOOR	1A8271080
DR-V-40A	DR-S-1A AUTO VENT VALVE				SCREEN HOUSE ON DR-S-1A	1RWPH 100
DR-V-40B	DR-S-1B AUTO VENT VALVE				SCREEN HOUSE ON DR-S-1B	1RWPH 100
DR-V-44A	CL-P-3A CHEM INJ TO DR-P-1A DISCH LINE CHECK VALVE				RIVER WATER PUMP AND SCREEN HOUSE	1RWPH 100
DR-V-44B	CL-P-3B CHEM INJ TO DR-P-1B DISCH LINE CHECK VALVE				RIVER WATER PUMP AND SCREEN HOUSE	1RWPH 100
DR-V-4A	DC-C-2A RW BACKWASH INLET VALVE				HEAT EXCH VAULT ON NE CORNER OF DC-C-2A 12' OFF FLOOR	1A8271080
DR-V-4B	DC-C-2B RW BACKWASH INLET VALVE				HEAT EXCH VAULT ON SW CORNER OF DC-C-2B 12' OFF FLOOR	1A8271080
DR-V-5A	DC-C-2A RW BACKWASH OUTLET VALVE				HEAT EXCH VAULT ON NW CORNER OF DC-C-2A 12' OFF FLOOR	1A8271080
DR-V-5B	DC-C-2B RW BACKWASH OUTLET VALVE				HEAT EXCH VAULT ON SE CORNER OF DC-C-2B 12' OFF FLOOR	1A8271080
DR-V-6A	DR-P-1A DISCHARGE C/V (NO INTERNALS)				DISCHARGE LINE OFF DR-P-1A	1RWPH 100
DR-V-6B	DR-P-1B DISCHARGE C/V (NO INTERNALS)				DISCHARGE LINE OFF DR-P-1B	1RWPH 100
DR-V-7A	DR-P-1A VACUUM BKR				DISCHARGE OF DR-P-1A	1RWPH 100
DR-V-7B	DR-P-1B VACUUM BKR				DISCHARGE OF DR-P-1B	1RWPH 100
DR-V-8A	DC-C-2A TUBE SIDE RELIEF VALVE				HEAT EXCHANGER VAULT END BELL OF DC-C-1A	1A8271080
DR-V-8B	DC-C-2B TUBE SIDE RELIEF VALVE				HEAT EXCHANGER VAULT END BELL OF DC-C-1B	1A8271080
DR-V-9A	RW VENT VALVE DC-C-2A				HEAT EXCH VAULT TOP OF NORTH END OF DC-C-2A	1A8271080
DR-V-9B	RW VENT VALVE DC-C-2B				HEAT EXCH VAULT TOP OF SOUTH END OF DC-C-2B	1A8271080
EE-1P-02-BK	1P 480V ES SWGR UNIT 1B FROM 1D 4160V				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
EE-1P-12-BK	1P 480V ES SWGR UNIT 4A FROM 1S 480V				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
EE-1R-02-BK	1R 480V ES SWGR UNIT 1B FROM 1D 4160V				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-1R-12-BK	1R 480V ES SWGR UNIT 4A FROM 1T 480V				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-1S-02-BK	1S 480V ES SWGR UNIT 1B FROM 1E 4160V				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
EE-1S-12-BK	1S 480V ES SWGR UNIT 4A FROM 1P 480V				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
EE-1SA-D2-BK	1D 4160V SWGR UNIT 15:1A AUX XFM(1SA-D2)				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-1SA-E2-BK	1E 4160V SWGR UNIT 14:1A AUX XFM(1SA-E2)				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-1SB-D2-BK	1D 4160V SWGR UNIT 1:1B AUX XFM(1SB-D2)				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-1SB-E2-BK	1E 4160V SWGR UNIT 1:1B AUX XFM(1SB-E2)				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-1T-02-BK	1T 480V ES SWGR UNIT 1B: FROM 1E 4160V				SCREEN HOUSE: NORTH AREA	1RWPH 100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-1T-12-BK	1T 480V ES SWGR UNIT 4A FROM 1R 480V				SCREEN HOUSE: NORTH AREA	1RWPH 100
EE-BK-150	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-1SB-D2-BK	
EE-BK-151	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-G1-02-BK	
EE-BK-152	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EF-P-2A	
EE-BK-153	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY 1D-4160V-ES4 (SPARE 1D4)	
EE-BK-154	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-P1-02-BK	
EE-BK-155	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY DH-P-1A-BK1	
EE-BK-156	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY MU-P-1A-BK	
EE-BK-157	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY MU-P-1B-BKD	
EE-BK-158	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY BS-P-1A-BK	
EE-BK-159	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY RR-P-1A-BK	
EE-BK-160	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-R1-02-BK	
EE-BK-161	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-N1-02-BK	
EE-BK-162	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY 1D-4160V-ES13	
EE-BK-163	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-T1-D2-BK1	
EE-BK-164	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-1SA-D2-BK	
EE-BK-165	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-1SB-E2-BK	
EE-BK-166	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-T1-E2-BK	
EE-BK-167	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-G11-02-BK	
EE-BK-168	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EF-P-2B-BK	
EE-BK-169	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-S1-02-BK	
EE-BK-170	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY DH-P-1B-BK	
EE-BK-171	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY MU-P-1C-BK	
EE-BK-172	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY MU-P-1B-BKE	
EE-BK-173	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY BS-P-1B-BK	
EE-BK-174	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY RR-P-1B-BK	
EE-BK-175	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-T1-02-BK	
EE-BK-176	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY 1E-4160V-ES13 (SPARE 1E13)	
EE-BK-177	4160V 1200A DH-P CIRCUIT BREAKER				FORMERLY EE-1SA-E2-BK	
EE-BK-200	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-201	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-202	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-204	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-205	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-206	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-207	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-208	4160V VACUUM BEAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-209	4160V VACUUM BEAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-BK-250	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-251	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-252	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-253	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-254	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-255	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-256	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-257	4160V VACUUM BEAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-258	4160V VACUUM BREAKER				REPLACEMENT FOR WESTINGHOUSE 50 DHP 350	
EE-BK-300	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-301	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-302	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-303	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-304	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-305	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-306	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-307	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-308	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-309	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-310	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-311	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-312	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-313	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-314	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-BK-315	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-316	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-317	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-318	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-319	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-320	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-321	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-322	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-323	480 VAC DB-50 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-351	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-352	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-353	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-354	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-355	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-356	480 VAC DB-50 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-400	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-401	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-402	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-403	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-404	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-405	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-406	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-407	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-408	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-BK-409	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-410	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-411	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-412	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-413	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-414	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-415	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-416	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-417	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-418	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-419	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-420	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-421	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-422	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-425	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-426	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-429	480 VAC DB-25 ELECTRICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-461	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-462	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-463	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-464	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-465	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-466	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-467	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-BK-468	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-469	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-470	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-471	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EE-BK-472	480 VAC DB-25 MECHANICALLY OPERATED BREAKER				GENERIC CLASSIFICATION FOR USE IN ANY "Q" OR "A" APPLICATION	
EED-B-1A	1A STATION BATTERY				CONTROL TWR 322: A BATTERY ROOM	1CB322200
EED-B-1A-BK	MAIN DISCONNECT A STATION BATTERY				CONTROL TWR 322: A BATTERY ROOM	1CB322200
EED-B-1B	1B STATION BATTERY				CONTROL TWR 322: B BATTERY ROOM	1CB322200
EED-B-1B-BK	MAIN DISCONNECT B STATION BATTERY				CONTROL TWR 322: B BATTERY ROOM	1CB322200
EED-BC-1A	BATTERY CHARGER 1A				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1A-BK1	1A ES MCC UNIT 1AR : BATTERY CHARGER 1A				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EED-BC-1A-BK2	AC INPUT BREAKER ON 1A BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1B	BATTERY CHARGER 1B				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-BC-1B-BK1	1B ES MCC UNIT 1AR : BATTERY CHARGER 1B				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EED-BC-1B-BK2	AC INPUT BREAKER ON 1B BATTERY CHARGER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-BC-1C	BATTERY CHARGER 1C				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1C-BK1	1A ES MCC UNIT 1BR : BATTERY CHARGER 1C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EED-BC-1C-BK2	AC INPUT BREAKER ON 1C BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1D	BATTERY CHARGER 1D				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-BC-1D-BK1	1B ES MCC UNIT 1BR : BATTERY CHARGER 1D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EED-BC-1D-BK2	AC INPUT BREAKER ON 1D BATTERY CHARGER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-BC-1E	BATTERY CHARGER 1E				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1E-BK1	1A ES MCC UNIT 1CL : BATTERY CHARGER 1E				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EED-BC-1E-BK2	AC INPUT BREAKER ON 1E BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-BC-1F	BATTERY CHARGER 1F				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-BC-1F-BK1	1B ES MCC UNIT 1CL : BATTERY CHARGER 1F				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EED-BC-1F-BK2	AC INPUT BREAKER ON 1F BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EED-PNL-1A	1A DC DISTRIBUTION PNL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK1	1A DC DIST PNL SW 3 : FROM 1A BATT CHGR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK2	DC OUTPUT BREAKER ON 1A BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK3	1A DC DIST PNL SW 10 : FROM 1C BATT CHGR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK4	DC OUTPUT BREAKER ON 1C BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK5	1A DC DIST PNL SW 1 : FROM 1E BATT CHGR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK6	1A DC DIST PNL SW 2 : FROM 1E BATT CHGR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK7	DC OUTPUT BREAKER ON 1E BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1A-BK8	1A DC DIST PNL SW 16:CROSS-TIE TO 1B DC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1B	1B DC DISTRIBUTION PNL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK1	1B DC DIST PNL SW 3 : FROM 1B BATT CHGR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK2	DC OUTPUT BREAKER ON 1B BATTERY CHARGER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK3	1B DC DIST PNL SW 12 : FROM 1D BATT CHGR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK4	DC OUTPUT BREAKER ON 1D BATTERY CHARGER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK5	1B DC DIST PNL SW 1 : FROM 1F BATT CHGR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK6	1B DC DIST PNL SW 2 : FROM 1F BATT CHGR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1B-BK7	DC OUTPUT BREAKER ON 1F BATTERY CHARGER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1B-BK8	1B DC DIST PNL SW 16:CROSS-TIE TO 1A DC				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1C	1C DC DIST PNL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1C-BK	1A DC DIST PNL SW 13 : FEED TO 1C DC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1D-BK	1B DC DIST PNL SW 8 : FEED TO 1D DC				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1E	1E ES DC DIST PNL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1E-BK	1A DC DIST PNL SW 8 : FEED TO 1E ES DC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1F	1F ES DC DIST PNL				CONTROL TWR 322: B INVERTER ROOM	1CB322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EED-PNL-1F-BK	1B DC DIST PNL SW 9 : FEED TO 1F ES DC				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1H-BK	1C DC SW# 22 : FEED TO 1H DC DIST PNL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1M	1M ES DC DIST PNL				CONTROL TWR 322: REMOTE SHUTDOWN AREA	1CB322200
EED-PNL-1M-BKA	1A DC DIST PNL SW 6 : FEED TO 1M DC ABT				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1M-BKB	1B DC DIST PNL SW 6 : FEED TO 1M DC ABT				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-1P	1P ES EG-Y-1A DC PNL				DIESEL GEN BLDG: EG-Y-1A FRONT ROOM	1DG305100A
EED-PNL-1P-BK	1E ES DC SW #21 : 1P DC DIST PNL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-1Q	1Q ES EG-Y-1B DC PNL				DIESEL GEN BLDG: EG-Y-1B FRONT ROOM	1DG305100B
EED-PNL-1Q-BK	1F ES DC SW# 21 : 1Q DC DIST PNL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EED-PNL-DCA-BK1	1E ES DC SW #23 : SUBSTATION PNL DCA				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EED-PNL-DCB-BK1	1F ES DC SW# 23 : SUBSTATION PNL DCB				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-EBM-DCOMP	1BES-8AR: ATC FOR MODCOMP SEE ATC CKTBRK					
EE-EB-S1,S2	1BSH-7AL: S1, S2 RECEIPT SEE WELD-S-0001 CKTBRK					
EE-G1-02-BK	1D 4160V ES SWGR UNIT 02 FROM EG-Y-1A				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-G11-02-BK	1E 4160V ES SWGR UNIT 3 FROM EG-Y-1B				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-INV-1A	1A INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1A-BK1	1A ES MCC UNIT 1AL : INVERTER 1A				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-INV-1A-BK3	1A DC DIST PNL SW 4 : TO 1A INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1A-CB1	"DC INPUT" BREAKER ON 1A INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1A-CB3	"AC INPUT" BREAKER ON 1A INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1A-CB4	"MANUAL BYPASS SWITCH" BREAKER ON 1A INVERTER				CONTROL TWR 322: ON 1A INVERTER	1CB322200
EE-INV-1A-CB5	FROM VBA BREAKER 22 TO INPUT TO 1A STATIC SWITCH				CONTROL TWR 322: ON 1A INVERTER	1CB322200
EE-INV-1A-CB6	"BYPASS SOURCE AC INPUT" BREAKER FROM TRA BKR 16				CONTROL TWR 322: ON 1A INVERTER	1CB322200
EE-INV-1A-IL2/6-BK	1A INVERTER FEED TO VBA (KEY #2/6) (XREF SCI TAG IL1)				CONTROL TWR 322: ON 1A INVERTER	1CB322200
EE-INV-1A-IL6-BK	1E INVERTER FEED TO VBA (KEY SW# 6) (XREF TO SCI TAG IL2)				CONTROL TWR 322: ON 1A INVERTER	1CB322200
EE-INV-1B	1B INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1B-BK1	1B ES MCC UNIT 1AL : INVERTER 1B				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-INV-1B-BK3	1B DC DIST PNL SW 7 : TO 1B INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1B-CB1	"DC INPUT" BREAKER ON 1B INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-INV-1B-CB2	1B "INVERTER OUTPUT" TO VBB				CONTROL TWR 322: ON 1B INVERTER	1CB322200
EE-INV-1B-CB3	"AC INPUT" BREAKER ON 1B INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1B-IL4/B-BK	1B INVERTER FEED TO VBB (KEY #4/B) (XREF TO SCI TAG IL3)				CONTROL TWR 322: ON 1B INVERTER	1CB322200
EE-INV-1B-IL4-BK	1F INVERTER FEED TO VBB (KEY SW# 4) (XREF SCI TAG IL4)				CONTROL TWR 322: ON 1B INVERTER	1CB322200
EE-INV-1B-SYNC	CT-E SW# 26 : 1B/1D INVERTER SYNC VOLT				CONTROL TWR 322: 1S SWGR ROOM ON 1B ES	1CB322200
EE-INV-1C	1C INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1C-BK1	1A ES MCC UNIT 1BL : INVERTER 1C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-INV-1C-BK3	1A DC DIST PNL SW 12 : TO 1C INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1C-CB1	"DC INPUT" BREAKER ON 1C INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1C-CB2	1C "INVERTER OUTPUT" TO VBC				CONTROL TWR 322: ON 1C INVERTER	1CB322200
EE-INV-1C-CB3	"AC INPUT" BREAKER ON 1C INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1C-IL5/2-BK	1C INVERTER FEED TO VBC (KEY #5/2) (XREF SCI TAG IL6)				CONTROL TWR 322: ON 1C INVERTER	1CB322200
EE-INV-1C-IL5-BK	1E INVERTER FEED TO VBC (KEY SW# 5) (XREF SCI TAG IL6)				CONTROL TWR 322: ON 1C INVERTER	1CB322200
EE-INV-1C-SYNC	CT-5 SW# 24 : 1C INVERTER SYNC VOLT				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
EE-INV-1D	1D INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1D-BK1	1B ES MCC UNIT 1BL : INVERTER 1D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-INV-1D-BK3	1B DC DIST PNL SW 10 : TO 1D INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1D-CB1	"DC INPUT" BREAKER ON 1D INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1D-CB2	1D "INVERTER OUTPUT" TO VBD				CONTROL TWR 322: ON 1D INVERTER	1CB322200
EE-INV-1D-CB3	"AC INPUT" BREAKER ON 1D INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1D-IL3/B-BK	1D INVERTER FEED TO VBD (KEY #3/B) (XREF TO SCI TAG IL7)				CONTROL TWR 322: ON 1D INVERTER	1CB322200
EE-INV-1D-IL3-BK	1F INVERTER FEED TO VBD (KEY SW# 3) (XREF SCI TAG IL8)				CONTROL TWR 322: ON 1D INVERTER	1CB322200
EE-INV-1E	1E INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1E-BK1	1A ES MCC UNIT 1CR : INVERTER 1E				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-INV-1E-BK3	1A DC DIST PNL SW 11 : TO 1E INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1E-CB1	"DC INPUT" BREAKER ON 1E INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1E-CB2	1E "INVERTER OUTPUT" TO VBA/VBC/ATB				CONTROL TWR 322: ON 1E INVERTER	1CB322200
EE-INV-1E-CB3	"AC INPUT" BREAKER ON 1E INVERTER				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-INV-1E-CB4	"MANUAL BYPASS SWITCH" BREAKER ON 1E INVERTER				CONTROL TWR 322: ON 1E INVERTER	1CB322200
EE-INV-1E-CB6	"BYPASS SOURCE AC INPUT" BREAKER FROM TRB BKR 16				CONTROL TWR 322: ON 1E INVERTER	1CB322200
EE-INV-1E-IL2/1-BK	1E INVERTER FEED TO ATB (KEYS 2 & 1) (XREF TO SCI TAG IL9)				CONTROL TWR 322: ON 1E INVERTER	1CB322200
EE-INV-1F	1F INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1F-BK1	1B ES MCC UNIT 15A : INVERTER 1F				CONTROL TWR 322: 1S SWGR ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-INV-1F-BK3	1B DC DIST PNL SW 11: TO 1F INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1F-CB1	"DC INPUT" BREAKER ON 1F INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1F-CB2	1F "INVERTER OUTPUT" TO VBB OR VBD				CONTROL TWR 322: ON 1F INVERTER	1CB322200
EE-INV-1F-CB3	"AC INPUT" BREAKER ON 1F INVERTER				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1F-CB4	STATIC SWTCH OUTPUT ON INVERTER 1F "AC OUTPUT"				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-INV-1F-CB6	"BYPASS SOURCE AC INPUT" BREAKER FROM TRB BKR 11				CONTROL TWR 322: ON 1F INVERTER	1CB322200
EE-INV-1F-JL8/7-BK	1F INVERTER TO STATIC SWITCH (KEYS 8&7) (XREF TO SCI TAG IL11)				CONTROL TWR 322: ON 1F INVERTER	1CB322200
EE-MCC-ES-1A	1A ES MCC				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-MCC-ES-1A-BK	1P 480V ES SWGR UNIT 1C TO 1A ES MCC				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
EE-MCC-ES-1B	1B ES MCC				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-MCC-ES-1B-BK	1S 480V ES SWGR UNIT 1C TO 1B ES MCC				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
EE-MCC-ESF-1A	1A ESF VENT MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESF-1A-BK	1A ES VALVES MCC UNIT 7A : 1A ESF MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESF-1B	1B ESF VENT MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESF-1B-BK	1B ES VALVES MCC UNIT 7A : 1B ESF MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESV-1A	1A ES VALVES MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESV-1A-BK	1P 480V ES SWGR UNIT 4C TO 1A ES VALVES				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
EE-MCC-ESV-1B	1B ES VALVES MCC				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-MCC-ESV-1B-BK	1S 480V ES SWGR UNIT 4C TO 1B ES VALVES				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
EE-MCC-ESV-1C	1C ES VALVES MCC				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
EE-MCC-ESV-1C-BKP	1P 480V ES SWGR UNIT 4B TO 1C ES VALVES				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
EE-MCC-ESV-1C-BKS	1S 480V ES SWGR UNIT 4B TO 1C ES VALVES				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
EE-MCC-ESV-1C-S13B	1C ESV SPARE BREAKER UNIT 13B				1C ESV MCC IN FHB 281'	
EE-MCC-SH-1A	1A ES SCREEN HOUSE MCC				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-MCC-SH-1A-BK	1R 480V ES SWGR UNIT 4C TO 1A ES SH MCC				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-MCC-SH-1B	1B ES SCREEN HOUSE MCC				SCREEN HOUSE: NORTH AREA	1RWPH 100
EE-MCC-SH-1B-BK	1T 480V ES SWGR UNIT 4C TO 1B ES SH MCC				SCREEN HOUSE: NORTH AREA	1RWPH 100
EE-N1-02-BK	1D 4160V ES SWGR UNIT 12 TO 1N 480V SWGR				SURGE SUPPRESSION REQUIRED	1CB338300
EE-P1-02-BK	1D 4160V ES SWGR UNIT 5 TO 1P 480V SWGR				SURGE SUPPRESSION REQUIRED	1CB338300
EE-PNL-AB-E-BK	1C ES VALVES MCC UNIT 9BL /AB-E FEEDER				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-PNL-AB-EMR1-BK	1A ES VALVES MCC UNIT 6AL: AB-1 EMER FEEDER				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-PNL-AB-EMR2-BK	1B ES VALVES MCC UNIT 8DL: AB-2 FEEDER				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-PNL-ATC-BK	1B ES MCC UNIT 8AR /ATC FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-CT-1-BK	1A ES MCC UNIT 12BR: CT-1 FEEDER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-PNL-CT-2-BK	1B ES MCC UNIT 13FL: CT-2 FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-CT-5-BK	1A ES MCC UNIT 7ER /CT-5 FEEDER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-PNL-CT-E-BK	1B ES MCC UNIT 8CL /CT-E FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-CT-EMR1-BK	1B ES MCC UNIT 04FL /CT-1 EMER FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-CT-EMR2-BK	1A ES MCC UNIT 5AR /CT-2 EMER FEEDER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-PNL-CV-E-BK	1C ES VALVES MCC UNIT 9AL /CV-E FEEDER				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
EE-PNL-D-17-BK	1C ES VALVES MCC UNIT 9CR: D-17 FEEDER				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
EE-PNL-D-20-BK1	1B ES VALVES UNIT 8DR : D-20 NORMAL FDR				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-PNL-D-26-BK2	1B ES MCC UNIT 7AL: D-26 BACKUP FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-EG-AUX-1A	EG-Y-1A 480V AUX PANEL				DIESEL GEN BLDG: ON EG-Y-1A	1DG305100A
EE-PNL-EG-AUX-1A-BK	1A ES MCC UNIT 7EL /EGY1A AUX FEEDER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-PNL-EG-AUX-1B	EG-Y-1B 480V AUX PANEL				DIESEL GEN BLDG: ON EG-Y-1B	1DG305100B
EE-PNL-EG-AUX-1B-BK	1B ES MCC UNIT 7BR /EGY1B AUX FEEDER				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-PNL-FH-EMR1-BK	1B ESF VENT MCC UNIT 1DL: FH-1 EMER FEED				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
EE-PNL-PM-1/2-BK2	1B ES MCC UNIT 2D:PM1.2 VIA NATS & ATS				CONTROL TWR 322: 1S SWGR ROOM	
EE-PNL-RWC-1-BK	1A ES SCREEN HOUSE MCC UNIT 10BL				INSIDE EE-MCC-SH-1A	1RWPH 100
EE-PNL-SH-1-BK	1A ES SCREEN HOUSE MCC UNIT 8BR TO SH-1				SCREEN HOUSE: SOUTH AREA:1A ES SCREEN HOUSE MCC UNIT 8B	1RWPH 100
EE-PNL-SH-2-BK	1B ES SCREEN HOUSE MCC UNIT 7FL TO SH-2				SCREEN HOUSE: NORTH AREA:1B ES SCREEN HOUSE MCC UNIT 7F	1RWPH 100
EE-PNL-TBEMR-BK	1A ES MCC UNIT 5AL TO TB-1&2&3 EMERGENCY				CONTROL TWR 322: 1P SWGR ROOM:1A ES MCC	
EE-PNL-TRA-BK1	1A ES MCC UNIT 1DR : TRA				CONTROL TWR 322: 1P SWGR ROOM:1A ES MCC UNIT 1D	1CB322200
EE-PNL-TRB-BK1	1B ES MCC UNIT 1CR : TRB				CONTROL TWR 322: 1S SWGR ROOM:1B ES MCC UNIT 1C	1CB322200
EE-PNL-VBA	VBA 120 VAC PANEL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-PNL-VBB	VBB 120 VAC PANEL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-PNL-VBB-BK5	VBB SW# 30: ALTERNATE FEED FROM TRA				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-PNL-VBC	VBC 120 VAC PANEL				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-PNL-VBC-BK5	VBC SW# 22: ALTERNATE FEED FROM TRB				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-PNL-VBC-BK7	VBC SW# 7 : SPARE				CONTROL TWR 322: A INVERTER ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-PNL-VBD	VBD 120 VAC PANEL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-PNL-VBD-BK5	VBD SW# 30: ALTERNATE FEED FROM TRA				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-R1-02-BK	1D 4160V ES SWGR UNIT 11 TO 1R 480V SWGR				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-S1-02-BK	1E 4160V ES SWGR UNIT 6 TO 1S 480V SWGR				SURGE SUPPRESSION REQUIRED	1CB338300
EE-SWG-4160V-1D	1D 4160V ES SWGR				CONTROL TWR 338: 1D ES SWGR ROOM	1CB338300
EE-SWG-4160V-1D-BK1	1E ES DC SW#9: 1D 4160V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-4160V-1E	1E 4160V ES SWGR				CONTROL TWR 338: 1E ES SWGR ROOM	1CB338300
EE-SWG-4160V-1E-BK1	1F ES DC SW# 9: 1E 4160V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1E-BK1	1E ES DC SW #4: 1E 480V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-480V-1F-BK1	1F ES DC SW# 4: 1F 480V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1G-BK1	1E ES DC SW #5: 1G 480V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-480V-1H-BK1	1E ES DC SW #6: 1H 480V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-480V-1L-BK1	1F ES DC SW# 5: 1L 480V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1M-BK1	1F ES DC SW# 6: 1M 480V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1P	1P 480V ES SWGR				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-SWG-480V-1P-BK1	1E ES DC SW#7: 1P 480V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-480V-1P-S2C	1P 480V ES SWGR UNIT 2C: SPARE BKR				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EE-SWG-480V-1R	1R 480V ES SWGR				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-SWG-480V-1R-BK1	1E ES DC SW #8: 1R 480V BUS CONTROL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-480V-1R-S2A	1R 480V ES SWGR UNIT 2A: SPARE BKR				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-SWG-480V-1R-S3C	1R 480V ES SWGR UNIT 3C: SPARE BKR				SCREEN HOUSE: SOUTH AREA	1RWPH 100
EE-SWG-480V-1S	1S 480V ES SWGR				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EE-SWG-480V-1S-BK1	1F ES DC SW# 7: 1S 480V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1S-S2C	1S SWGR UNIT 2C (SPARE)				CONTROL TOWER SECOND FLOOR	1CB322200
EE-SWG-480V-1T	1T 480V ES SWGR				SCREEN HOUSE: NORTH AREA	1RWPH 100
EE-SWG-480V-1T-BK1	1F ES DC SW# 8: 1T 480V BUS CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200
EE-SWG-480V-1T-S2A	1T 480V SHES SWGR UNIT 2A: SPARE BKR				SCREEN HOUSE: NORTH AREA	1RWPH 100
EE-SWG-6900V-1AB-BK1	1E ES DC SW #10: 1A&B 6900V CNTRL PWR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EE-SWG-6900V-1AB-BK2	1F ES DC SW# 10: RCP1A/B/C/D CONTROL PWR				CONTROL TWR 322: B INVERTER ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EE-T1-02-BK	1E 4160V ES SWGR UNIT 12 TO 1T 480V SWGR				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-T1-D2-BK1	1D 4160V ES SWGR UNIT 14 FROM EG-Y-4				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EE-T1-E2-BK	1E 4160V ES SWGR UNIT 2 FROM EG-Y-4				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EF-FT-0779	EFW TO A OTSG FLOW TRANSMITTER	IB	295	E WALL BY EF-P-2A		
EF-FT-0782	EFW TO B OTSG FLOW TRANSMITTER	IB	295	E WALL BEHIND AE-42		
EF-FT-0788	EFW TO A OTSG FLOW TRANSMITTER	IB	295	E WALL BY EF-P-2A		
EF-FT-0791	EFW TO B OTSG FLOW TRANSMITTER	IB	295	E WALL BEHIND AE-42		
EF-FY-0849A	I/P FOR EF-V-0030A	IB	295	ON WALL BY VALVE		
EF-FY-0850A	I/P FOR EF-V-0030B	IB	295	ON WALL BY VALVE		
EF-FY-0851A	I/P FOR EF-V-0030C	IB	295	ON WALL BY VALVE		
EF-FY-0852A	I/P FOR EF-V-0030D	IB	295	ON WALL BY VALVE		
EF-LC-V0030A-1	EF-V-30A LEVEL CONTROL CARD(A1-4-4-10)				HSPS CAB A1 RACK 4 NEST 4 SLOT 10	1CB338300
EF-LC-V0030B-1	EF-V-30B LEVEL CONTROL CARD(A2-4-6-9)				HSPS CAB A2 RACK 4 NEST 6 SLOT 9	1CB338300
EF-LC-V0030C-1	EF-V-30C LEVEL CONTROL CARD(A1-4-4-9)				HSPS CAB A1 RACK 4 NEST 4 SLOT 9	1CB338300
EF-LC-V0030D-1	EF-V-30D LEVEL CONTROL CARD(A2-4-6-10)				HSPS CAB A2 RACK 4 NEST 6 SLOT 10	1CB338300
EF-P-0001	STEAM DRIVEN EMERGENCY FEED PUMP	IB	295	EF-P-1 CUBICLE		
EF-P-0002A	EMERGENCY FEED PUMP A	IB	295	EF-P-1 CUBICLE		
EF-P-0002B	EMERGENCY FEED PUMP B	IB	295	EF-P-1B CUBICLE		
EF-P-1	EMERGENCY FEEDWATER PUMP				IB BASEMENT EF-P-1 ROOM	1B295000
EF-P-2A	EMERGENCY FEEDWATER PUMP A				INT. BLDG BASEMENT, SECOND CUBICLE FROM ENTRANCE	1B295000
EF-P-2A-BK	1D 4160V ES SWGR UNIT 3				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EF-P-2A-MH	CT-5 SW# 4 : EF-P-2A MOTOR HEATER				CONTROL TWR 322: 1A ES MCC	1CB322200
EF-P-2B	EMERGENCY FEEDWATER PUMP B				IB BASEMENT EF-P-2B CUBICLE	1B295000
EF-P-2B-BK	1E 4160V ES SWGR UNIT 5				SURGE SUPPRESSION NOT REQUIRED	1CB338300
EF-P-2B-MH	CT-E SW# 10: EF-P-2B MOTOR HEATER				CONTROL TWR 322: 1A ES MCC	1CB322200
EF-PT-65	EF-P-1 DISCHARGE PRESSURE XMTR				IB BASEMENT EF-P-1 ROOM 1/2 WAY BACK WEST WALL 5' HIGH	1B295000
EF-PT-71	EF-P-2A DISCHARGE PRESSURE XMTR				IB BASEMENT EF-P-2A CUBICLE ON W WALL BEHIND PUMP CASING	1B295000
EF-PT-72	EF-P-2B DISCHARGE PRESSURE XMTR				IB BASEMENT EF-P-2B CUBICLE ON W WALL BEHIND PUMP CASING	1B295000
EF-ST-8-BK	VBA SW# 10 : EF-ST-8 & BATTERY DISCH ALM				CONTROL TWR 322: A INVERTER ROOM	1CB322200
EF-U-1	EMERGENCY FEEDWATER PUMP TURBINE				IB 281' SOUTH END OF EF-P-1	1B295000
EF-V-0001A	EFW PUMPS SUCTION CROSS CONNECT VALVE	IB	295	NE OF EF-P-2A I		
EF-V-0001B	EFW PUMPS SUCTION CROSS CONNECT VALVE	IB	295	NE OF EF-P-1 UNDER PLATFORM		
EF-V-0002A	EFW DISCH X-CONNECT DISCH HEADER VALVE	IB	295	5 FT E OF EF-P-		
EF-V-0002B	EFW DISCH X-CONNECT DISCH HEADER VALVE	IB	295	5 FT E OF EF-P-2B 3' UP		
EF-V-0004	EMERG RIVER WATER TO EFW	IB	295	E OF EF-P-2B		
EF-V-0005	EMERG RW TO EFW	IB	295	BASEMENT HALL		
EF-V-0015A	EF-P-1 BEARING COOLING - REG VALVE	IB	295	EF-P CUBICLE		
EF-V-0015B	EF-P-1 BEARING COOLING - REG VALVE	IB	295	EF-P CUBICLE		
EF-V-0030A	EFW TO OTSG A FLOW CTRL VALVE	IB	295	E OF EF-P-2A AT		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-0030B	EFW TO OTSG B FLOW CTRL VALVE	1B	295	E OF EF-P-2B AT		
EF-V-0030C	EFW TO OTSG A FLOW CTRL VALVE	1B	295	E OF EF-P-2A		
EF-V-0030D	EFW TO OTSG A FLOW CTRL VALVE	1B	295	E OF EF-P-2B		
EF-V-1000	EF-FE-77 HI SIDE ROOT VALVE				INT BLD BASEMENT EAST OF IA-P-1B 8' OFF FLOOR	11B295000
EF-V-1001	EF-FE-77 LO SIDE ROOT VALVE				INT BLD BASEMENT EAST OF IA-P-1B 8' OFF FLOOR	11B295000
EF-V-1002A	EF-FI-77 HI SIDE ISOL VALVE				INT BLD BASEMENT ON WEST WALL AT EF-P-2A	11B295000
EF-V-1002B	EF-FI-77 LO SIDE ISOL VALVE				INT BLD BASEMENT ON WEST WALL AT EF-P-2A	11B295000
EF-V-1002C	EF-FI-77 EQUALIZING VALVE				INT BLD BASEMENT ON WEST WALL AT EF-P-2A	11B295000
EF-V-1002D	EF-FI-77 HI/LO TEST CONN VALVE				INT BLDG BASEMENT ON WEST WALL AT EF-P-2 A	11B295000
EF-V-1003	EF-FI-77 HI SIDE DRAIN				INT BLD BASEMENT ON WEST WALL AT EF-P-2A MOTOR	11B295000
EF-V-1004	EF-FI-77 LO SIDE DRAIN				INT BLD BASEMENT ON WEST WALL AT EF-P-2A MOTOR	11B295000
EF-V-1005	EF-FE-78 HI SIDE ROOT				INT BLDG BASEMENT ON SUCTION LINE OF EF-P-1, 8' UP	11B295000
EF-V-1006	EF-FE-78 LO SIDE ROOT				INT BLDG BASEMENT ON SUCTION LINE OF EF-P-1, 8' UP	11B295000
EF-V-1007A	EF-FI-78 HI SIDE ISOL VALVE				INT BLDG BASEMENT NW WALL BY EF-V-1B	11B295000
EF-V-1007B	EF-FI-78 LO SIDE ISOL VALVE				INT BLDG BASEMENT NW WALL BY EF-V-1B	11B295000
EF-V-1007C	EF-FI-78 EQUALIZING VALVE				INT BLDG BASEMENT NW WALL BY EF-V-1B	11B295000
EF-V-1007D	EF-FI-78 HI/LO TEST CONN VALVE				INT BLDG BASEMENT NW WALL BY EF-V-1B	11B295000
EF-V-1008	EF-FI-78 HI SIDE DRAIN VALVE				INT BLDG BASEMENT NW WALL, 2' WEST OF EF-V-1B, 1' HIGH	11B295000
EF-V-1009	EF-FI-78 LO SIDE DRAIN VALVE				INT BLDG BASEMENT NW WALL 2' WEST OF EF-V-1B	11B295000
EF-V-1010	EF-FE-79 HI SIDE ROOT				INT BLDG BASEMENT ABOVE EF-P-2B MOTOR WEST SIDE SUCTION LINE	11B295000
EF-V-1011	EF-FE-79 LOW SIDE ROOT				INT BLDG BASEMENT ABOVE EF-P-2B MOTOR WEST SIDE SUCTION LINE	11B295000
EF-V-1012A	EF-FI-79 HI SIDE ISOL VALVE				INT BLD BASEMENT ON WEST WALL BY EF-P-2B	11B295000
EF-V-1012B	EF-FI-79 LO SIDE ISOL VALVE				INT BLD BASEMENT ON WEST WALL BY EF-P-2B	11B295000
EF-V-1012C	EF-FI-79 EQUALIZING VALVE				INT BLD BASEMENT ON WEST WALL BY EF-P-2B	11B295000
EF-V-1012D	EF-FI-79 HI/LO TEST CONN VALVE				INT BLD BASEMENT ON WEST WALL BY EF-P-2B	11B295000
EF-V-1013	EF-FI-79 HI SIDE DRAIN				INT BLD BASEMENT ON WEST WALL BY EF-P-2B 8' OFF FLOOR	11B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-1014	EF-FI-79 LO SIDE DRAIN				INT BLD BASEMENT ON WEST WALL BY EF-P-2B 8' OFF FLOOR	11B295000
EF-V-1015	ROOT VALVE FOR EF-PT-65 & EF-PI-1278				INT BLDG BASEMENT AT PUMP CASING FOR EF-P-1 3' HIGH	11B295000
EF-V-1016	ROOT ISOL EF-PT-65 & EF-PI-1278				INT BLDG BASEMENT ON WALL WEST OF EF-P-1 5' HIGH	11B295000
EF-V-1017	EF-PT-65 & PI-1278 DRAIN VALVE				INT BLD BASEMENT ON WALL WEST OF EF-P-1 NEAR FLOOR	11B295000
EF-V-1018	EF-PI-67 ISOLATION				INT BLD BASEMENT ON WEST WALL BY EF-P-2A 5FT UP BEHIND SUCTION	11B295000
EF-V-1019	EF-PI-68 ISOLATION				INT BLD BASEMENT ON WEST WALL BY EF-P-2B 5FT UP BEHIND SUCTION	11B295000
EF-V-1020	EF-PI-69,PI-1222A ISOLATION				INT BLDG BASEMENT NE CORNER BY EF-V-1B	11B295000
EF-V-1021	EF-PI-70,PI-1222B ISOLATION				INT BLD BASEMENT IN CORNER ABOVE EF-V-1A 8FT BEHIND SUCTION	11B295000
EF-V-1022	EF-PI-67,PT-71 ROOT VALVE				INT BLDG BASEMENT ABOVE EF-P-2A PUMP CASING	11B295000
EF-V-1023	EF-PI-67,PT-71 ISOLATION				INT BLD BASEMENT ON WEST WALL BY EF-P-2A 5FT UP BEHIND SUCTION	11B295000
EF-V-1024	EF-PI-67,PT-71 DRAIN VALVE				INT BLD BASEMENT ON WEST WALL BY EF-P-2A 1' OFF FLOOR	11B295000
EF-V-1025	EF-PI-68, EF-PT-72 ROOT VALVE				INT BLDG BASEMENT 1' ABOVE EF-P-2B PUMP CASING SOUTH END	11B295000
EF-V-1026	EF-PI-68,PT-72 ISOLATION				INT BLD BASEMENT ON WEST WALL AT EF-P-2B 5FT UP BEHIND SUCTION	11B295000
EF-V-1027	EF-PI-68, EF-PT-72 DRAIN VALVE				IB BASEMENT ON W WALL AT EF-P-2B 1FT FROM FLOOR BEHIND SUCTION	11B295000
EF-V-1028	EF-PI-476 ISOLATION				INT BLDG BASEMENT 1' OFF FLOOR UNDER EF-V-30A	11B295000
EF-V-1029	EF-PI-477 ISOLATION				INT BLDG BASEMENT 1' OFF FLOOR UNDER EF-V-30B	11B295000
EF-V-1033	EF-FT-779 LO SIDE ISOLATION				IB BASEMENT 7' HIGH, 2' EAST OF EF-V-1A	11B295000
EF-V-1034	EF-FT-779 HI SIDE ISOLATION				IB BASEMENT 7' HIGH, 2' EAST OF EF-V-1A	11B295000
EF-V-1035	EF-FT-779 EQUALIZING VALVE				IB BASEMENT 7' HIGH, 2' EAST OF EF-V-1A	11B295000
EF-V-1036	EF-FT-779 LO SIDE DRAIN VALVE				IB BASEMENT 4' HIGH, 2' EAST OF EF-V-1A	11B295000
EF-V-1037	EF-FT-779 HI SIDE DRAIN VALVE				IB BASEMENT 4' HIGH, 2' EST OF EF-V-1A	11B295000
EF-V-1038	EF-FT-788 LO SIDE ISOLATION				IB BASEMENT 5' HIGH, 2' SE OF EF-V-2B	11B295000
EF-V-1039	EF-FT-788 HI SIDE ISOLATION				IB BASEMENT 5' HIGH, 2' SE OF EF-V-2B	11B295000
EF-V-1040	EF-FT-788 EQUALIZING VALVE				IB BASEMENT 5' HIGH, 2' SE OF EF-V-2B	11B295000
EF-V-1041	EF-FT-788 LO SIDE DRAIN VALVE				IB BASEMENT 2' HIGH 2' SE OF EF-V-2B	11B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-1042	EF-FT-788 HI SIDE DRAIN VALVE				1B BASEMENT 2' HIGH, 2' SE OF EF-V-2B	11B295000
EF-V-1048	EF-FT-788, 779 LO SIDE TEST CONNECTION				1B BASEMENT 6.5' HIGH, 3' SE OF EF-V-2B	11B295000
EF-V-1049	EF-FT-782 LO SIDE ISOLATION				1B BASEMENT 5' HIGH BEHIND B H2 ANA	11B295000
EF-V-1050	EF-FT-782 HI SIDE ISOLATION				1B BASEMENT 5' HIGH, BEHIND B H2 ANA	11B295000
EF-V-1051	EF-FT-782 EQUALIZING VALVE				1B BASEMENT 5' HIGH BEHIND B H2 ANA	11B295000
EF-V-1052	EF-FT-782 LO SIDE DRAIN VALVE				1B BASEMENT 2.5' HIGH BEHIND B H2 ANA	11B295000
EF-V-1053	EF-FT-782 HI SIDE DRAIN VALVE				1B BASEMENT 2.5' HIGH BEHIND B H2 ANA	11B295000
EF-V-1059	EF-FT-791 LO SIDE ISOLATION				1B BASEMENT 5' SE OF B H2 ANA. 6' HIGH	11B295000
EF-V-1060	EF-FT-791 HI SIDE ISOLATION				1B BASEMENT 5' SE OF B H2 ANA. 6' HIGH	11B295000
EF-V-1061	EF-FT-791 EQUALIZING VALVE				1B BASEMENT 5' SE OF B H2 ANA. 6' HIGH	11B295000
EF-V-1062	EF-FT-791 LO SIDE DRAIN VALVE				1B BASEMENT 5' SE OF B H2 ANA. 4' HIGH	11B295000
EF-V-1063	EF-FT-791 HI SIDE DRAIN VALVE				1B BASEMENT 5' SE OF B H2 ANA. 4' HIGH	11B295000
EF-V-1064	EF-FT-782, 791 LO SIDE TEST CONNECTION				1B BASEMENT 5' SE OF B H2 ANA. 8' HIGH	11B295000
EF-V-1073	EF-PI-1222A ISOLATION				1B BASEMENT 2' HI, 3' NORTH, OF EF-V-1B	11B295000
EF-V-1074	EF-PI-1222B ISOLATION				1B BASEMENT 8' HIGH 2' EAST OF EF-V-52A	11B295000
EF-V-1075	EF-PI-1221 ISOLATION				1B BASEMENT 2' HIGH 2' SE OF EF-V-2B	11B295000
EF-V-1077	EF-FT-779 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 10 FT ABOVE EF-V-2B	11B295000
EF-V-1078	EF-FT-779 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 10 FT ABOVE EF-V-2B	11B295000
EF-V-1079	EF-FT-788 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 10 FT ABOVE EF-V-2B	11B295000
EF-V-1080	EF-FT-788 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 10 FT ABOVE EF-V-2B	11B295000
EF-V-1081	EF-FT-782 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 15 FT ABOVE "B" H2 MONITOR	11B295000
EF-V-1082	EF-FT-782 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 15 FT ABOVE "B" H2 MONITOR	11B295000
EF-V-1083	EF-FT-791 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 15 FT ABOVE "B" H2 MONITOR	11B295000
EF-V-1084	EF-FT-791 ROOT VALVE				INTERMEDIATE BUILDING 281 EL 15 FT ABOVE "B" H2 MONITOR	11B295000
EF-V-1085	EF-PI-J500 ISO VALVE				BELOW EF-PI-J500, EAST SIDE OF EF-U-1	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-1086	EF-PI-J501 ISO VALVE				BELOW EF-PI-J501, EAST SIDE OF EF-U-1	
EF-V-10A	EF-P-2A DISCHARGE ISOL VALVE				INT BLDG BASEMENT EAST OF EF-P-2A PUMP CASING	11B295000
EF-V-10B	EF-P-2B DISCHARGE ISOL VALVE				INT BLDG BASEMENT EAST OF EF-P-2B PUMP CASING	11B295000
EF-V-11A	EF-P-2A DISCHARGE CHECK VALVE				INT BLDG BASEMENT EAST OF EF-P-2A PUMP CASING	11B295000
EF-V-11B	EF-P-2B DISCHARGE CHECK VALVE				INT BLDG BASEMENT EAST OF EF-P-2B PUMP CASING	11B295000
EF-V-12A	CONTAINMENT ISOLATION - EFW TO OTSG CHECK VALVE				INT BLDG EF-P-2B CUBICLE SW CORNER IN OVERHEAD BEHIND H2 MONITOR	11B295000
EF-V-12B	CONTAINMENT ISOLATION - EFW TO OTSG CHECK VALVE				INT BLDG EF-P-2B CUBICLE SW CORNER IN OVERHEAD BEHIND H2 MONITOR	11B295000
EF-V-13	EF-P-1 DISCHARGE CHECK VALVE				INT BLDG EF-P-1 DISCHARGE LINE	11B295000
EF-V-14	FLUSH/SAMPLE RR TO EFW VALVE				INT BLDG BASEMENT EAST OF EF-V-4&5	11B295000
EF-V-15A	EF-P-1 BRG CLG & SEAL WTR PRESS CONTROL				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	11B295000
EF-V-15A	EF-P-1 BRG COOL & SEAL WTR PRESS CONTROL A VLVOP				W OF EF-P-1	11B295000
EF-V-15B	EF-P-1 BRG CLG & SEAL WTR PRESS CONTROL				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	11B295000
EF-V-15B	EF-P-1 BRG COOL & SEAL WTR PRESS CONTROL B VLVOP				W OF EF-P-1	11B295000
EF-V-16A	EF-P-2A SUCTION ISOLVE				INT BLDG BASEMENT WEST OF EF-P-2A ON PUMP SUCTION	11B295000
EF-V-16B	EF-P-2B SUCTION ISOL VALVE				INT BLDG BASEMENT WEST OF EF-P-2B ON PUMP SUCTION	11B295000
EF-V-17	EFW PUMP RECIRC DRAIN VALVE				INT BLDG BASEMENT 8' ABOVE IA-P-2B	11B295000
EF-V-18	EFW PUMP RECIRC VENT VALVE				INT BLDG BASEMENT NW CORNER OF IA-P-1B 20' OFF FLOOR	11B295000
EF-V-19A	EF-P-2A RECIRC CHECK VALVE				INT BLDG BASEMENT SE CORNER OF PUMP OFF DISCHARGE LINE	11B295000
EF-V-19B	EF-P-2B RECIRC CHECK VALVE				INT BLDG BASEMENT SE CORNER OF PUMP OFF DISCHARGE LINE	11B295000
EF-V-1A	EFW PUMPS SUCTION X-CONN VALVE OPERATOR				NORTHEAST OF EF-P-2A IN CORNER EL. 297.9	
EF-V-1A	EFW SUCTION X-CONNECT				INT BLD BASEMENT NE OF EF-P-2A IN CORNER	11B295000
EF-V-1A-BK	1A ES MCC UNIT 2B				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EF-V-1B	EFW PUMPS SUCTION X-CONN VALVE OPERATOR				NE OF EF-P-1 UNDER PLATFORM EL. 297.9	
EF-V-1B	EF-V-1B, EFW SUCTION X-CONNECT VALVE				INT BLDG BASEMENT NE OF EF-P-1 UNDER PLATFORM	11B295000
EF-V-1B-BK	1B ES MCC UNIT 15D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EF-V-20A	EF-P-2A RECIRC ISOL VALVE				INT BLDG BASEMENT SOUTH OF EF-P-2A 6' ABOVE FLOOR	11B295000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-20B	EF-P-2B RECIRC ISOL VALVE				INT BLDG BASEMENT SOUTH OF EF-P-2B 8' ABOVE FLOOR	1B295000
EF-V-21	EF-P-1 RECIRC CHECK VALVE				INT BLDG BASEMENT SOUTH OF EF-V-8A, EF-P-1 PUMP CUBICLE	1B295000
EF-V-22	EF-P-1 RECIRC ISOL VALVE				INT BLDG BASEMENT NORTH OF EF-P-1 ON PUMP RECIRC LINE	1B295000
EF-V-23	EFW SUCTION HDR DRAIN VALVE				INT BLDG BASEMENT EAST OF EF-V-1B 1' OFF FLOOR UNDER PLATFORM	1B295000
EF-V-24	EFW SUCT HDR DRAIN VALVE				INT BLDG BASEMENT WEST OF EF-V-1B 1' OFF FLOOR	1B295000
EF-V-25	EFW SUCT HDR DRAIN VALVE				INT BLDG BASEMENT NE CORNER BY EF-P-2A 1' OFF FLOOR	1B295000
EF-V-26A	EF-P-2A DISCHARGE VENT VALVE				INT BLDG BASEMENT ABOVE EF-P-2A, 8' ABOVE EF-V-10A	1B295000
EF-V-26B	EF-P-2B DISCHARGE VENT VALVE				INT BLDG BASEMENT ABOVE EF-P-2B, 15' ABOVE FLOOR NORTH END	1B295000
EF-V-27A	EFW DISCHARGE HDR DRAIN VALVE				INT BLD BASEMENT ON FLOOR UNDER EF-V-30A	1B295000
EF-V-27B	EFW DISCHARGE HDR DRAIN VALVE				INT BLD BASEMENT ON FLOOR UNDER EF-V-30B	1B295000
EF-V-28A	EF-P-1 SUCTION VENT VALVE				INT BLDG BASEMENT EAST OF EF-P-1 ON TOP OF SUCTION LINE	1B295000
EF-V-28B	EF-P-1 DISCHARGE VENT VALVE				INT BLDG BASEMENT WEST OF EF-P-1 ON DISCHARGE LINE	1B295000
EF-V-29	PI-1221 ROOT ISOLATION VALVE				INT BLDG BASEMENT ON FLOOR UNDER EF-V-2B	1B295000
EF-V-2A	EFW PUMPS DISCH HDR A VALVE OPERATOR				5FT EAST OF EF-P-2A EL 298.2	1B295000
EF-V-2A	EFW DISCHARGE X-CONNECT				INT BLDG BASEMENT 5' EAST OF EF-P-2A	1B295000
EF-V-2A-BK	1A ES MCC UNIT 2D				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EF-V-2B	EFW PUMPS DISCH HDR B VALVE OPERATOR				5FT EAST OF EF-P-2B EL 298.2	1B295000
EF-V-2B	EF-V-2B, EFW DISCHARGE X-CONNECT VALVE				INT BLDG BASEMENT 5' EAST OF EF-P-2A	1B295000
EF-V-2B-BK	1B ES MCC UNIT 15E				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
EF-V-3	RR TO EFW CHECK VALVE				N/A CHECK VALVE	1B295000
EF-V-30A	EFW CONTROL TO OTSG A VALVE POSITIONER				E OF EF-P-2A AT WALL	1B295000
EF-V-30A	EFW TO OTSG A CONTROL VALVE ACTUATOR				E OF EF-P-2A AT WALL	1B295000
EF-V-30A	EFW CONTROL VALVE TO 'A' OTSG				INT BLD BASEMENT EAST OF EF-P-2A AT WALL	1B295000
EF-V-30A-EX1	EF-V-30A H/A STATION (AUTO/0%/100%)				CONTROL ROOM CONSOLE CR	1CB355401
EF-V-30B	EFW CONTROL TO OTSG B VALVE POSITIONER				E OF EF-P-2B AT WALL	1B295000
EF-V-30B	EFW CONTROL VALVE TO 'B' OTSG				INT BLD BASEMENT EAST OF EF-P-2B AT WALL	1B295000
EF-V-30B	EFW TO OTSG B CONTROL VALVE ACTUATOR				E OF EF-P-2B AT WALL	1B295000
EF-V-30B-EX1	EF-V-30B H/A STATION (AUTO/0%/100%)				CONTROL ROOM PANEL CC	1CB355401
EF-V-30C	EFW CONTROL TO OTSG B VALVE POSITIONER				E OF EF-P-2B AT WALL	1B295000
EF-V-30C	EFW CONTROL VALVE TO 'B' OTSG				INT BLDG BASEMENT NORTH OF EF-P-2B	1B295000
EF-V-30C	EFW TO OTSG B CONTROL VALVE ACTUATOR				E OF EF-P-2A	1B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-30C-EX1	EF-V-30C H/A STATION (AUTO/0%/100%)				CONTROL ROOM PANEL CC	1CB355401
EF-V-30D	EFW CONTROL TO OTSG A VALVE POSITIONER				E OF EF-P-2B AT WALL	1B295000
EF-V-30D	EFW CONTROL VALVE TO 'A' OTSG				INT BLDG BASEMENT NORTH WALL OF EF-P-2A CUBICLE	1B295000
EF-V-30D	EFW TO OTSG A CONTROL VALVE ACTUATOR				E OF EF-P-2B	1B295000
EF-V-30D-EX1	EF-V-30D H/A STATION (AUTO/0%/100%)				CONTROL ROOM CONSOLE CL	1CB355401
EF-V-31	EF-P-1 CLG WTR RETURN TO COT-1A/B				INT BLDG BASEMENT NORTH OF EF-P-1 PUMP CASING	1B295000
EF-V-35	EF-P-1 BRG CLG & PUMP SEAL WTR RELIEF VL				INT BLDG BASEMENT SW OF EF-P-1 PUMP CASING	1B295000
EF-V-36A	EF-P-2A CLG WTR RETURN TO COT-1A/B				INT BLDG BASEMENT SW OF EF-P-2A PUMP CASING	1B295000
EF-V-36B	EF-P-2B CLG WTR RETURN TO COT-1A/B				INT BLDG BASEMENT SW OF EF-P-2B PUMP CASING	1B295000
EF-V-38A	EF-P-2A BRG CLG & PUMP SEAL ISOL				INT BLDG BASEMENT EAST OF EF-P-2A PUMP CASING	1B295000
EF-V-38B	EF-P-2B BRG CLG & PUMP SEAL ISOL				INT BLDG BASEMENT EAST OF EF-P-2B PUMP CASING	1B295000
EF-V-39A	EF-P-2A BRG CLG & PUMP SEAL RELIEF VLV				INT BLD BASEMENT EAST OF EF-P-2A 1' OFF FLOOR	1B295000
EF-V-39B	EF-P-2B BRG CLG & PUMP SEAL RELIEF VLV				INT BLD BASEMENT EAST OF EF-P-2B 1' OFF FLOOR	1B295000
EF-V-4	RR SYSTEM TO EFW				INT BLD BASEMENT HALLWAY SOUTH WALL OUT SIDE EF-P-1 ROOM	1B295000
EF-V-4	EMERG RVR WTR TO EFW PMPS VALVE OPERATOR				E OF EF-P-2B 1FT OFF FLR	1B295000
EF-V-40	EFW PUMP CLG WTR TO COT-1A/B VENT				INT BLDG BASEMENT IN HALLWAY ABOVE DOORWAY TO IA-P-1B	1B295000
EF-V-41	EFW PUMP CLG WTR TO COT-1A/B VENT				INT BLD BASEMENT NW CORNER FROM EF-P-2A 10' ABOVE FLOOR	1B295000
EF-V-42A	EF-P-2A SUCTION VENT				INT BLD BASEMENT WEST OF EF-P-2A ON TOP OF SUCTION LINE	1B295000
EF-V-42B	EF-P-2B SUCTION VENT				INT BLDG BASEMENT AT EF-P-2B ON TOP OF SUCTION LINE	1B295000
EF-V-43A	EFW TO "A" OTSG DRAIN VALVE				RX BLD A D-RING 50 OFF FLOOR EAST OF A OTSG, ABOVE MFW HEADER	1RBDR 515
EF-V-43B	EFW TO "B" OTSG DRAIN VALVE				RX BLD B D-RING 50 OFF FLOOR WEST OF B OTSG, ABOVE MFW HEADER	1RBDR 520
EF-V-44	EFW PUMP DISCHARGE X-CONNECT VENT				INT BLDG BASEMENT NE OF EF-P-2B 10' OFF FLOOR	1B295000
EF-V-45A	EF-PI-1279 ISOL				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	1B295000
EF-V-45B	EF-PI-1280 ISOL				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	1B295000
EF-V-46A	EF-P-1 INB PUMP SEAL WATER THROTTLE VLV				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	1B295000
EF-V-46B	EF-P-1 OUTB PUMP SEAL WTR THROTTLE VLV				INT BLDG BASEMENT WEST OF EF-P-1 PUMP CASING	1B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-47	EF-P-1 PUMP SEAL WTR ISOLATION				INT BLD BASEMENT WEST OF EF-P-1 BEARING CASING	11B295000
EF-V-48A	EF-P-2A INB SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2A PUMP CASING	11B295000
EF-V-48B	EF-P-2A OUTB SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2A PUMP CASING	11B295000
EF-V-49	EF-P-2A PUMP SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2A PUMP CASING	11B295000
EF-V-4-BK	1C ES VALVES MCC UNIT 7A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
EF-V-5	RR SYSTEM TO EFW				INT BLD BASEMENT HALLWAY SOUTH WALL OUT SIDE EF-P-1 ROOM	11B295000
EF-V-5	EMERG RVR WTR TO EFW PMPS VALVE OPERATOR				HLLWY SO. WALL OUT EF-P-1 RM	11B295000
EF-V-50A	EF-P-2B INBD SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2B PUMP 1FT OFF CASING	11B295000
EF-V-50B	EF-P-2B OUTB SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2B PUMP 1FT OFF CASING	11B295000
EF-V-51	EF-P-2B PUMP SEAL WATER ISOLATION				INT BLD BASEMENT ON EF-P-2B PUMP 1FT OFF CASING	11B295000
EF-V-52A	EF-V-30A BLOCK VALVE (A OTSG)				IB BASEMENT 2' NORTH OF EF-V-30A 5' OFF FLOOR	11B295000
EF-V-52B	EF-V-30B BLOCK VALVE (B OTSG)				IB BASEMENT ABOVE B H2 ANAL 8' HIGH OF FLOOR	11B295000
EF-V-52C	EF-V-30C BLOCK VALVE (B OTSG)				IB BASEMENT NW OF EF-P-2B 1/2' OF FLOOR	11B295000
EF-V-52D	EF-V-30D BLOCK VALVE (A OTSG)				IB BASEMENT NORTH OF EF-P-2A 1/2' OF FLR	11B295000
EF-V-56	EF-V-30A TO 'A' OTSG DRAIN VALVE				IB BASEMENT EAST OF B H2 ANA. 12' OFF FLOOR	11B295000
EF-V-57	EF-V-30B TO 'B' OTSG DRAIN VALVE				IB BASEMENT NORTH OF B H2 ANA.	11B295000
EF-V-58	EF-V-30C TO 'B' OTSG DRAIN VALVE				IB BASEMENT NORTH OF EF-P-2B	11B295000
EF-V-59	EF-V-30D TO 'A' OTSG DRAIN VALVE				IB BASEMENT UNDER EF-V-30D 3' OFF FLOOR	11B295000
EF-V-5-BK	1C ES VALVES MCC UNIT 7B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
EF-V-6	EF-P-1 SUCTION ISOLATION VALVE				INT BLDG BASEMENT ON EF-P-1 SUCTION LINE	11B295000
EF-V-60	EF-PI-1221 DRAIN VALVE				IB BASEMENT ON FLOOR BEHIND EF-V-2B	11B295000
EF-V-61	EF-U-1 TURBINE GOVENOR VALVE				SOUTH END OF EF-U-1	
EF-V-62	EF-U-1 TURBINE EMERGENCY STOP VALVE				BETWEEN EF-V-61 AND EF-U-1 TURBINE	
EF-V-63	EF-U-1 NOZZLE HAND VALVE #1 (LO) CM-11				INSIDE TURBINE CASING SHROUD, INACCESSIBLE	
EF-V-64	EF-U-1 NOZZLE HAND VALVE #2 (LO) CM-11				INSIDE TURBINE CASING SHROUD, INACCESSIBLE	
EF-V-65	EF-U-1 NOZZLE HAND VALVE #3 (LO) CM-11				INSIDE TURBINE CASING SHROUD, INACCESSIBLE	
EF-V-66	HIGH POINT VENT BETWEEN EF-V-1A & EF-V-1B				-EFV-66	11B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EF-V-8A	EF-P-2A RECIRC VALVE				SE OF EF-P-2A 5' OFF FLOOR INT BLDG BASEMENT	11B295000
EF-V-8B	EF-P-1 RECIRC VALVE				INT BLD BASEMENT 1 FOOT NORTH OF EF-P-1	11B295000
EF-V-8C	EF-P-2B RECIRC VALVE				INT BLDG BASEMENT SOUTH OF EF-P-2B	11B295000
EG-C-1A	EG-Y-1A LUBE OIL COOLER				A DG RADIATOR HOUSING	1DG305100A
EG-C-1B	EG-Y-1B LUBE OIL COOLER				B DG RADIATOR HOUSING	1DG305100B
EG-C-2A	EDG A AIR COOLER A RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1A	
EG-C-2B	EDG B AIR COOLER A RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1B	
EG-C-2C	EDG A AIR COOLER B RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1A	
EG-C-2D	EDG B AIR COOLER B RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1B	
EG-C-3A	EDG A JACKET COOLANT A RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1A	
EG-C-3B	EDG B JACKET COOLANT A RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1B	
EG-C-3C	EDG A JACKET COOLANT B RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1A	
EG-C-3D	EDG B JACKET COOLANT B RADIATOR				RADIATOR ENCLOSURE AREA EG-Y-1B	
EG-C-4A	STANDBY HX LUBE OIL HEATER				A DG RADIATOR HOUSING ON EAST WALL	1DG305100A
EG-C-4B	STANDBY HX LUBE OIL HEATER				B DG RADIATOR HOUSING ON EAST WALL	1DG305100B
EG-C-8A	FAN DRIVE GEAR BOX LUBE OIL COOLER				RADIATOR ENCLOSURE, ADJ. GEAR BOX	
EG-C-8B	FAN DRIVE GEAR BOX LUBE OIL COOLER				RADIATOR ENCLOSURE, ADJ. GEAR BOX	
EG-F-1A	EG-Y-1A LUBE OIL FILTER				A DG RADIATOR HOUSING	1DG305100A
EG-F-1B	EG-Y-1B LUBE OIL FILTER				B DG RADIATOR HOUSING	1DG305100B
EG-F-2A	EMERG DIESEL A DUPLX FUEL FILTER				ON DIESEL GENERATOR A	
EG-F-2B	EMERG DIESEL B DUPLX FUEL FILTER				ON DIESEL GENERATOR B	
EG-F-6A	DG COMBUSTIBLE AIR INLET FILTER				OVERHEAD VENTILATION PIPING ABOVE DG	
EG-F-6B	DG COMBUSTIBLE AIR INLET FILTER				OVERHEAD VENTILATION PIPING ABOVE DG	
EG-H-1A	EG-Y-1A STANDBY JACKET COOLANT HEATER				A DG RADIATOR HOUSING, SOUTH EAST CORNER	1DG305100A
EG-H-1A-BK	EGY1A AUX PNL SW# 5: JACKET COOLANT HTR				DIESEL GEN BLDG: ON EG-Y-1A	1DG305100A
EG-H-1B	EG-Y-1B STANDBY JACKET COOLANT HEATER				B DG RADIATOR HOUSING, SOUTH EAST CORNER	1DG305100B
EG-H-1B-BK	EGY1B AUX PNL SW# 5: JACKET COOLANT HTR				DIESEL GEN BLDG: ON EG-Y-1B	1DG305100B
EG-H-2A-BK	EGY1A AUX PNL SW# 2: FAN DR GEAR BOX HTR				EG-Y-1A AUX DIST PANEL: GENERATOR END: S	
EG-H-2B-BK	EGY1B AUX PNL SW# 2: FAN DR GEAR BOX HTR				EG-Y-1B SKID: GENERATOR END: IN ENGINE M	1DG305100B
EG-LS-0243A	EDG FUEL OIL/DF-T-2A HI/LO LEVEL SWITCH	DG	305	"A" DG BLDG ABOVE DF-T-2A		
EG-LS-0243B	EDG/FUEL OIL/DF-T-2B HI/LO LEVEL SWITCH	DG	305	"B" DG BLDG ABOVE DF-T-2A		
EG-LS-0244A	EDG FUEL OIL/DF-T-2A TRANSFER PUMPS START/STOP LEVEL SW	DG	305	"A" DG BLDG NR DF-T-2A		
EG-LS-0244B	EDG/FUEL OIL/DF-T-2B TRANSFER PUMPS START/STOP LEVEL SW	DG	305	"B" DG BLDG NR DF-T-2B		
EG-P-0001A	EDG LUBE OIL & STARTING AIR/AIR COMPRESSOR	DG	305	"A" DG BLDG		
EG-P-0001B	EDG LUBE OIL & STARTING AIR/AIR COMPRESSOR	DG	305	"B" DG BLDG		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-P-10A	EG-Y-1A DC FUEL OIL PUMP				A DG ROOM SOUTH SIDE ENGINE ON WALK	1DG305100A
EG-P-10A-BK	1P DC SW# 10:				DIESEL GEN BLDG: EG-Y-1A FRONT ROOM	1DG305100A
EG-P-10A-BK1	LOCAL "DC" CIRCUIT BKR				EG-Y-1A RM SOUTH SIDE OF ENGINE BELOW PUMP UNDER DECK PLATE	1DG305100A
EG-P-10B	EG-Y-1B DC FUEL OIL PUMP				B DG ROOM SOUTH SIDE ENGINE ON WALK WAY	1DG305100B
EG-P-10B-BK	1Q DC SW# 10:				DIESEL GEN BLDG: EG-Y-1B FRONT ROOM	1DG305100B
EG-P-10B-BK1	LOCAL "DC" CIRCUIT BKR				EG-Y-1B RM SOUTH SIDE OF ENGINE BELOW PUMP UNDER DECK PLATE	1DG305100B
EG-P-18A	GEAR BOX LUBE OIL PUMP GEAR DRIVEN				RADIATOR ENCLOSURE, TOP OF GEAR BOX	
EG-P-18B	GEAR BOX LUBE OIL PUMP GEAR DRIVEN				RADIATOR ENCLOSURE, TOP OF GEAR BOX	
EG-P-1A	EDG A AIR START AIR COMPRESSOR				NEAR DIESEL EG-Y-1A	1DG305100A
EG-P-1A-BK1	1A ES MCC UNIT 1DL				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
EG-P-1B	EDG B AIR START AIR COMPRESSOR				NEAR DIESEL EG-Y-1B	1DG305100B
EG-P-1B-BK1	1B ES MCC UNIT 8CR				CONTROL TOWER, 322' ELEV., CENTER ROOM	1CB322200
EG-P-2A	EG-Y-1A AIR COOLER COOLANT PUMP				A DG ROOM WEST OF ENGINE SOUTH OF SHAFT	1DG305100A
EG-P-2B	EG-Y-1B AIR COOLER COOLANT PUMP				B DG ROOM WEST OF ENGINE SOUTH OF SHAFT	1DG305100B
EG-P-3A	EG-Y-1A STANDBY LUBE OIL PUMP				DIESEL GEN BLDG: ON EG-Y-1A	1DG305100A
EG-P-3A-BK	EGY1A AUX PNL SW# 3: LUBE OIL PUMP				DIESEL GEN BLDG: ON EG-Y-1A OP OF STAIRS	1DG305100A
EG-P-3B	EG-Y-1B STANDBY LUBE OIL PUMP				B DG ROOM SOUTH SIDE OF ENGINE BELOW WAL K TOP OF STAIRS	1DG305100B
EG-P-3B-BK	EGY1B AUX PNL SW# 3: LUBE OIL PUMP				DIESEL GEN BLDG: ON EG-Y-1B	1DG305100B
EG-P-4A	EG-Y-1A MAIN LUBE OIL PUMP				A DG ROOM WEST OF ENGINE ABOVE SHAFT	1DG305100A
EG-P-4B	EG-Y-1B MAIN LUBE OIL PUMP				B DG ROOM WEST OF ENGINE ABOVE SHAFT	1DG305100B
EG-P-5A	EG-Y-1A PRE-LUBE PUMP				A DG ROOM WEST OF ENGINE NORTH SIDE BY E G-S-1A	1DG305100A
EG-P-5A-BK	EGY1A AUX PNL SW# 4: PRE LUBE OIL PUMP				DIESEL GEN BLDG: ON EG-Y-1A	1DG305100A
EG-P-5B	EG-Y-1B PRE-LUBE PUMP				B DG ROOM WEST OF ENGINE ABOVE SHAFT	1DG305100B
EG-P-5B-BK	EGY1B AUX PNL SW# 4: PRE LUBE OIL PUMP				DIESEL GEN BLDG: ON EG-Y-1B	1DG305100B
EG-P-6A	EG-Y-1A PRE-LUBE PUMP				A DG ROOM WEST OF ENGINE ABOVE SHAFT	1DG305100A
EG-P-6B	EG-Y-1B PRE-LUBE PUMP				B DG ROOM WEST OF ENGINE ABOVE SHAFT	1DG305100B
EG-P-7A	EG-Y-1A JACKET COOLANT PUMP				A DG ROOM WEST OF ENGINE NORTH OF CENTER LINE OF SHAFT	1DG305100A
EG-P-7B	EG-Y-1B JACKET COOLANT PUMP				B DG ROOM WEST OF ENGINE NORTH OF CENTER LINE OF SHAFT	1DG305100B

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-P-8A	EG-Y-1A STANDBY COOLANT PUMP				INSIDE "A" DG RADIATOR HOUSING SOUTH SIDE CENTER ON FLOOR	1DG305100A
EG-P-8A-BK	EGY1A AUX PNL SW# 6: JACKET COOLANT PUMP				DIESEL GEN BLDG: ON EG-Y-1A OOR	1DG305100A
EG-P-8B	EG-Y-1B STANDBY COOLANT PUMP				B DG RADIATOR HOUSING SOUTH CENTER ON FL OOR	1DG305100B
EG-P-8B-BK	EGY1B AUX PNL SW# 6: JACKET COOLANT PUMP				DIESEL GEN BLDG: ON EG-Y-1B	1DG305100B
EG-P-9A	EG-Y-1A ENGINE DRIVEN FUEL OIL PUMP				A DG ROOM SOUTH SIDE OF ENGINE BOTTOM OF GOVERNOR	1DG305100A
EG-P-9B	EG-Y-1B ENGINE DRIVEN FUEL OIL PUMP				B DG ROOM SOUTH SIDE OF ENGINE BOTTOM OF GOVERNOR	1DG305100B
EG-S-10A	FAN DRIVE GEAR BOX LUBE OIL PUMP SUCTION STRAINER				RADIATOR ENCL ADJ. TO FAN DRIVE GEAR BOX	
EG-S-10B	FAN DRIVE GEAR BOX LUBE OIL PUMP SUCTION STRAINER				RADIATOR ENCL ADJ. TO FAN DRIVE GEAR BOX	
EG-S-1A	EG-Y-1A LUBE OIL STRAINER				A DG ROOM NORTH SIDE ON WALK WAY	1DG305100A
EG-S-1B	EG-Y-1B LUBE OIL STRAINER				B DG ROOM NORTH SIDE ON WALK WAY	1DG305100B
EG-S-7A	EG-Y-1A STARTING AIR SUPPLY STRAINER				EG-Y-1A RM NORTH SIDE OF ENGINE 2FT FR OM EG-V-15A 2FT ABOVE FLR	1DG305100A
EG-S-7B	EG-Y-1B STARTING AIR SUPPLY STRAINER				EG-Y-1B RM NORTH SIDE OF ENGINE 2FT FR OM EG-V-15B 2FT ABOVE FLR	1DG305100B
EG-S-8A	STANDBY CIRC PMP SUCTN A STRAINER (LUBE OIL PUMP)				STANBY CIRC PUMP A SUCTION	
EG-S-8B	STANDBY CIRC PMP SUCTN B STRAINER (LUBE OIL PUMP)				STANDBY CIRC PUMP B SUCTION	
EG-S-9A	PRE-LUBE PUMP A SUCTION STRAINER				PRE-LUBE PUMP A SUCTION	
EG-S-9B	PRE-LUBE PUMP B SUCTION STRAINER				PRE-LUBE PUMP B SUCTION	
EG-T-0001A-1	EDG 1A AIR START 1/RESERVOIR TANK	DG	305	"A" DG BLDG NR DIESEL EG-Y-1A		
EG-T-0001A-2	EDG 1A AIR START 2 RESERVOIR TANK 1A	DG	305	"A" DG BLDG NR DIESEL EG-Y-1A		
EG-T-0001B-1	EDG 1B AIR START 1 RESERVOIR	DG	305	"B" DG BLDG NR DIESEL EG-Y-1B		
EG-T-0001B-2	EDG 1B AIR START 2 RESERVOIR TANK	DG	305	"B" DG BLDG NR DIESEL EG-Y-1B		
EG-T-1A/1	EG-Y-1A AIR START RECEIVER #1				A DG ROOM NORTH WALL EAST RECEIVER	
EG-T-1A/2	EG-Y-1A AIR START RECEIVER #2				A DG ROOM NORTH WALL WEST RECEIVER	
EG-T-1B/1	EG-Y-1B AIR START RECEIVER #1				B DG ROOM NORTH WALL EAST RECEIVER	
EG-T-1B/2	EG-Y-1B AIR START RECEIVER #2				B DG ROOM NORTH WALL WEST RECEIVER	
EG-T-2A	EG-Y-1A COOLANT DRAIN TANK				A DG BELOW WEST END OF RADIATOR HOUSING	1DG305100A
EG-T-2B	EG-Y-1B COOLANT DRAIN TANK				B DG BELOW WEST END OF RADIATOR HOUSING	1DG305100B
EG-T-3A	EG-Y-1A JACKET COOLANT EXPANSION TANK				A DG ROOM ABOVE RAD HOUSE	1DG305100A
EG-T-3B	EG-Y-1B JACKET COOLANT EXPANSION TANK				B DG ROOM ABOVE RAD HOUSE	1DG305100B
EG-TE-656A	LUBE OIL TEMPERATURE INTO EG-C-1A				A DG ROOM WEST OF ENGINE AT DAMPER TO RA DIATOR	1DG305100A
EG-TE-656B	LUBE OIL TEMPERATURE INTO EG-C-1B				B DG ROOM WEST OF ENGINE AT DAMPER TO RA DIATOR HOUSING	1DG305100B

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-TE-657A	JACKET COOLANT TEMP INTO RADIATOR				A DG ROOM N SIDE OF ENGINE ABOVE TURBO 1 0' ABOVE FLOOR	1DG305100A
EG-TE-657B	JACKET COOLANT TEMP INTO RADIATOR				B DG ROOM N SIDE OF ENGINE ABOVE TURBO 1 0' ABOVE FLOOR	1DG305100B
EG-TV-J501A	COMBUSTION AIR CONTROL VALVE				A DG BETWEEN WEST WALL AND TURBOS	1DG305100A
EG-TV-J501B	COMBUSTION AIR CONTROL VALVE				B DG BETWEEN WEST WALL AND TURBOS	1DG305100B
EG-V-0001A	EDG/DIESEL AIR COMP. A DISCHARGE, RELIEF VALVE	DG	305	"A" DG BLDG NR A/C EG-P-1A		
EG-V-0001B	EDG/DIESEL AIR COMP. B DISCHARGE, RELIEF VALVE	DG	305	"B" DG BLDG NR AIR COMP EG-P-1B		
EG-V-0002A	EDG/A AIR RECEIVER RELIEF VALVE	DG	305	"A" DG BLDG ON A/R EG-T-1A-1		
EG-V-0002B	EDG B AIR RECEIVER RELIEF VALVE	DG	305	"B" DG B. AIR RECV EG-T-1B-1		
EG-V-0003A	EDG/A AIR RECEIVER RELIEF VALVE	DG	305	"A" DG BLDG ON A/R EG-T-1A-2		
EG-V-0003B	EDG B AIR RECEIVER RELIEF VALVE	DG	305	"B" DG B. AIR RECV EG-T-1B-2		
EG-V-1000	GAGE ISOLATION FOR EG-PI-529A				A DG ROOM, north wall, ON EAST AIR RECEIVER	1DG305100A
EG-V-1001	GAGE ISOLATION FOR EG-PI-529B				A DG ROOM, north wall, ON WEST AIR RECEIVER	1DG305100A
EG-V-1002	GAGE ISOLATION FOR EG-PI-530A				BDG ROOM, north wall, ON EAST AIR RECEIVER	1DG305100B
EG-V-1003	GAGE ISOLATION FOR EG-PI-530B				B DG ROOM, north wall, ON WEST AIR RECEIVER	1DG305100B
EG-V-1004A	EG-PI-737A 3-WAY ISOLATION VALVE IN/OUT				A DG BLDG NORTH SIDE OF ENGINE WEST END ON LO STAINER EG-S-1A	1DG305100A
EG-V-1004B	EG-PI-737B 3-WAY ISOLATION VALVE IN/OUT				B DG BLDG NORTH SIDE OF ENGINE WEST END ON LO STAINER EG-S-1B	1DG305100B
EG-V-1005A	EG-PS-CCP1/A, CCP2/A, CCP3/A ISOL VALVE				A DG NORTH SIDE OF ENGINE 2FT FROM EAST END 10FT FROM FLR	1DG305100A
EG-V-1005B	EG-PS-CCP1/B, CCP2/B, CCP3/B ISOL VALVE				B DG NORTH SIDE OF ENGINE 2FT FROM EAST END 10FT FROM FLR	1DG305100B
EG-V-1006	A DG ROOM WALL NEAR AIR START COMPRESSOR SKID				A DG ROOM AIR START COMPRESSOR SKID	1DG305100A
EG-V-1007	ISOLATION FOR LOADLESS START LINE				B DG ROOM AIR START COMPRESSOR SKID	1DG305100B
EG-V-10A	EG-T-1A-1 AIR START SYS. RECEIVER INLET CHECK VLV				NEAR EG-T-1A-1	
EG-V-10B	EG-T-1B-1 AIR START SYS. RECEIVER INLET CHECK VLV				NEAR EG-T-1B-1	
EG-V-10C	EG-T-1A-2 AIR START SYS. RECEIVER INLET CHECK VLV				NEAR EG-T-1A-2	
EG-V-10D	EG-T-1B-2 AIR START SYS. RECEIVER INLET CHECK VLV				NEAR EG-T-1B-2	
EG-V-11A	AIR RECEIVER EG-T-1A-1 INLET ISOLATION VALVE				NEAR EG-T-1A-1	
EG-V-11B	AIR RECEIVER EG-T-1B-1 INLET ISOLATION VALVE				NEAR EG-T-1B-1	
EG-V-11C	AIR RECEIVER EG-T-1A-2 INLET ISOLATION VALVE				NEAR EG-T-1A-2	
EG-V-11D	AIR RECEIVER EG-T-1B-2 INLET ISOLATION VALVE				NEAR EG-T-1B-2	
EG-V-12A	AIR RECEIVER EG-T-1A-1 OUTLET ISOLATION VALVE				NEAR EG-T-1A-1	
EG-V-12B	AIR RECEIVER EG-T-1B-1 OUTLET ISOLATION VALVE				NEAR EG-T-1B-1	
EG-V-12C	AIR RECEIVER EG-T-1A-2 OUTLET ISOLATION VALVE				NEAR EG-T-1A-2	
EG-V-12D	AIR RECEIVER EG-T-1B-2 OUTLET ISOLATION VALVE				NEAR EG-T-1B-2	
EG-V-14A	AIR RECEIVER EG-T-1A-1 DRAIN ISOLATION VALVE				NEAR EG-T-1A-1	
EG-V-14B	AIR RECEIVER EG-T-1B-1 DRAIN ISOLATION VALVE				NEAR EG-T-1B-1	
EG-V-14C	AIR RECEIVER EG-T-1A-2 DRAIN ISOLATION VALVE				NEAR EG-T-1A-2	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-14D	AIR RECEIVER EG-T-1B-2 DRAIN ISOLATION VALVE				NEAR EG-T-1B-2	
EG-V-15A	AIR START HEADER ISOL VALVE TO EG-Y-1A				'A' DIESEL ROOM NORTH SIDE 1' WEST OF ST FPS 1' ABOVE FLOOR	1DG305100A
EG-V-15B	AIR START HEADER ISOL VALVE TO EG-Y-1B				B DG ROOM NORTH SIDE 1' WEST OF STEPS 1' ABOVE FLOOR	1DG305100B
EG-V-16A	EG-Y-1A AIR START VALVE				N. SIDE NEAR STAIRS	
EG-V-16A	EG-V-16A AIR START VALVE SOLENOID VALVE OPERATOR				N. SIDE NEAR STAIRS	
EG-V-16B	EG-Y-1B AIR START VALVE				N. SIDE NEAR STAIRS	
EG-V-16B	EG-V-16B AIR START VALVE SOLENOID VALVE OPERATOR				N. SIDE NEAR STAIRS	
EG-V-16C	EG-Y-1A AIR START VALVE				N. SIDE NEAR STAIRS	
EG-V-16C	EG-V-16C AIR START VALVE SOLENOID VALVE OPERATOR				N. SIDE NEAR STAIRS	
EG-V-16D	EG-Y-1B AIR START VALVE				N. SIDE NEAR STAIRS	
EG-V-16D	EG-V-16D AIR START VALVE SOLENOID VALVE OPERATOR				N. SIDE NEAR STAIRS	
EG-V-172A	EG-Y-1A FAN DRIVE GEAR OIL SAMPLE VALVE				DG 305: EG-Y-1A RADIATOR HOUSING ON GEAR BOX	1DG305100A
EG-V-172B	EG-Y-1B FAN DRIVE GEAR OIL SAMPLE VALVE				DG 305: EG-Y-1B RADIATOR HOUSING ON GEAR BOX	1DG305100B
EG-V-173A	EG-Y-1A MAIN BRG OIL BOOSTER AIR ISOL				DIESEL GEN BLDG: ON EAST SIDE ON EG-Y-1A	1DG305100A
EG-V-173B	EG-Y-1B MAIN BRG OIL BOOSTER AIR ISOL				DIESEL GEN BLDG: ON EAST SIDE ON EG-Y-1B	1DG305100B
EG-V-175A	EG-Y-1A GENERATOR BEARING OIL SAMPLE VLV				EAST END OF EG-Y-1A, AT OUTBOARD GENERATOR BEARING	1DG305100A
EG-V-175B	EG-Y-1B GENERATOR BEARING OIL SAMPLE VLV				EAST END OF EG-Y-1B, AT OUTBOARD GENERATOR BEARING	1DG305100B
EG-V-17A	EG-Y-1A AIR START HEADER VENT VALVE				A DG ROOM NORTH SIDE OF ENGINE BELOW WALK	1DG305100A
EG-V-17B	EG-Y-1B AIR START HEADER VENT VALVE				B DG ROOM NORTH SIDE OF ENGINE BELOW WALK	1DG305100B
EG-V-188	EG-P-10A DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP (EDG AUX FUEL OIL PUMP)	
EG-V-189	EG-P-10B DISCHARGE RELIEF VALVE				RELIEF VALVE MOUNTED DIRECTLY ON PUMP (EDG AUX FUEL OIL PUMP)	
EG-V-18A	EG-C-1A INLET PRESSURE CONTROL VLV (LUBE OIL COOLER)				A DG RADIATOR HOUSING 1' SOUTH OF NORTH RADIATOR	1DG305100A
EG-V-18B	EG-C-1B INLET PRESSURE CONTROL VLV (LUBE OIL COOLER)				B DG RADIATOR HOUSING 1' SOUTH OF NORTH RADIATOR	1DG305100B
EG-V-190A	DG AIR START CNTRL VALVE				OCS ADJACENT TO #1 FUEL COMPARTMENT	
EG-V-190B	DG AIR START CNTRL VALVE				OCS ADJACENT TO #1 FUEL COMPARTMENT	
EG-V-191A	FUEL RETURN CHECK VALVE				OCS INSIDE #1 FUEL COMPARTMENT	
EG-V-191B	FUEL RETURN CHECK VALVE				OCS INSIDE #1 FUEL COMPARTMENT	
EG-V-192A	DUAL 3-WAY VALVE TO SWAP FUEL FILTERS				CS, MOUNTED ON VERTICAL DRIVE COVER	
EG-V-192B	DUAL 3-WAY VALVE TO SWAP FUEL FILTERS				CS, MOUNTED ON VERTICAL DRIVE COVER	
EG-V-195	ISOLATION VALVE TO EXPANSION TANK EG-T-3A				EG-Y-1A DIESEL GENERATOR ROOM, 10' FROM FLOOR	1DG305100A

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-196	ISOLATION VALVE TO EXPANSION TANK EG-T-3B				EG-Y-1B DIESEL GENERATOR ROOM, 10' FROM FLOOR	1DG305100B
EG-V-197A	VENT VALVE, VACUUM/RELIEF FOR EG-Y-1A COOLANT EXP. TK EG-T-3A				DIESEL GENERATOR BLDG.: EL. 305'-0"	1DG305100A
EG-V-197B	VENT VALVE, VACUUM/RELIEF FOR EG-Y-1B COOLANT EXP. TK EG-T-3B				DIESEL GENERATOR BLDG.: EL. 305'-0"	1DG305100B
EG-V-19A	LUBE OIL FILL AND EG-P-3A SUCTION VLV				'A' DIESEL ROOM SOUTH SIDE 6" UNDER DECK 1' EAST OF DIPSTICK	1DG305100A
EG-V-19B	LUBE OIL FILL AND EG-P-3B SUCTION VLV				'B' DIESEL ROOM SOUTH SIDE 6" UNDER DECK 2' EAST OF DIPSTICK	1DG305100B
EG-V-1A	EG-P-1A RELIEF VALVE				A DG ROOM EAST OF EG-T-1A-1	1DG305100A
EG-V-1B	EG-P-1B RELIEF VALVE				B DG ROOM EAST OF EG-T-1B-1	1DG305100B
EG-V-20A	EG-P-6A DISCHARGE CHECK VALVE				A DG ROOM WEST OF TURBO'S ABOVE EG-V-42A	1DG305100A
EG-V-20B	EG-P-6B DISCHARGE CHECK VALVE				B DG ROOM WEST OF TURBO'S ABOVE EG-V-42B	1DG305100B
EG-V-21A	EG-P-5A DISCHARGE CHECK VALVE				A DG ROOM ABOVE EG-P-5A	1DG305100A
EG-V-21B	EG-P-5B DISCHARGE CHECK VALVE				B DG ROOM ABOVE EG-P-5B	1DG305100B
EG-V-22A	EG-P-6A DISCHARGE PRESS CONTROL VALVE				A DG ROOM WEST OF ENGINE 1' ABOVE SHAFT	1DG305100A
EG-V-22B	EG-P-6B DISCHARGE PRESS CONTROL VALVE				B DG ROOM WEST OF ENGINE 1' ABOVE SHAFT	1DG305100B
EG-V-23A	OPLS ISOL LOW LUBE OIL PRESS GAUGE & PS				A DG ROOM JUST LEFT OF VLV BOARD BY EMIP	1DG305100A
EG-V-23B	OPLS ISOL LOW LUBE OIL PRESS GAUGE & PS				B DG ROOM JUST LEFT OF VLV BOARD BY EMIP	1DG305100B
EG-V-24A	OPL1,OPL2, & OPL3 ISOL				A DG VALVE BOARD NORTH OF EMIP, MIDDLE ROW LEFT VALVE	1DG305100A
EG-V-24A-TEMP	EG-Y-1A LUBE OIL PRESSURE MONITORING ISOLATION VALVE				A DG ROOM INSIDE EMIP	
EG-V-24B	OPL1,OPL2, & OPL3 ISOL				B DG VALVE BOARD NORTH OF EMIP, MIDDLE ROW LEFT VALVE	1DG305100B
EG-V-25A	EG-Y-1A LUBE OIL SUMP DRAIN VALVE				A DIESEL RM SOUTH SIDE OF ENGINE 4FT EAST OF WEST WALL 1FT HIGH	1DG305100A
EG-V-25B	EG-Y-1B LUBE OIL SUMP DRAIN VALVE				B DIESEL RM SOUTH SIDE OF ENGINE 4FT EAST OF WEST WALL 1FT HIGH	1DG305100B
EG-V-26A	LUBE OIL STRAINER DRAIN TO SUMP				A DIESEL RM NORTH SIDE WEST END SOUTH SIDE OF LUBE OIL STRAINER	1DG305100A
EG-V-26B	LUBE OIL STRAINER DRAIN TO SUMP				B DIESEL ROOM NORTH SIDE SOUTH OF LUBE OIL STRAINER	1DG305100B
EG-V-27A	LUBE OIL STRAINER DRAIN				'A' DIESEL ROOM NORTH SIDE 1' EAST OF LUBE OIL STRAINER	1DG305100A
EG-V-27B	LUBE OIL STRAINER DRAIN				B DIESEL ROOM 1' EAST OF LUBE OIL STRAINER	1DG305100B
EG-V-29A	LUBE OIL COOLER DRAIN TO SUMP				RAD HOUSE 1A EAST END 2' SOUTH OF RADIATOR 6" OFF FLOOR	1DG305100A
EG-V-29B	LUBE OIL COOLER DRAIN TO SUMP				B DIESEL RADIATOR HOUSING EAST END 2' S 6" UP	1DG305100B
EG-V-2A	EG-T-1A-1 RELIEF VALVE				A DG ROOM ON TOP OF EG-T-1A-1	1DG305100A
EG-V-2B	EG-T-1B-1 RELIEF VALVE				B DG ROOM ON TOP OF EG-T-1B-1	1DG305100B

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-30A	LUBE OIL FILTER DRAIN TO SUMP				RAD HOUSING 1A AT LUBE OIL FILTER EAST SIDE 6" ABOVE FLOOR	1DG305100A
EG-V-30B	LUBE OIL FILTER DRAIN TO SUMP				B DIESEL RADIATOR HOUSING AT OIL FILTER 6" UP	1DG305100B
EG-V-31A	JACKET COOLANT TEMP CONTROL VALVE				RAD HOUSING 1A EAST WALL 8' IN AIR	1DG305100A
EG-V-31B	JACKET COOLANT TEMP CONTROL VALVE				B DG RADIATOR HOUSING EAST WALL 8' IN AIR	1DG305100B
EG-V-32A	EG-C-3A COOL RADIATOR OUTLET CHECK VALVE				RADIATOR ENCLOSURE AREA	
EG-V-32B	EG-C-3B COOL RADIATOR OUTLET CHECK VALVE				RADIATOR ENCLOSURE AREA	
EG-V-32C	EG-C-3C COOL RADIATOR OUTLET CHECK VALVE				RADIATOR ENCLOSURE AREA	
EG-V-32D	EG-C-3D COOL RADIATOR OUTLET CHECK VALVE				RADIATOR ENCLOSURE AREA	
EG-V-33A	EG-C-3A DRAIN & FILL VALVE				RADIATOR ENCLOSURE AREA	
EG-V-33B	EG-C-3B DRAIN & FILL VALVE				RADIATOR ENCLOSURE AREA	
EG-V-33C	EG-C-3C DRAIN & FILL VALVE				RADIATOR ENCLOSURE AREA	
EG-V-33D	EG-C-3D DRAIN & FILL VALVE				RADIATOR ENCLOSURE AREA	
EG-V-34A	RADIATOR BYPASS CHECK VALVE				A DG RADIATOR HOUSING CENTER EAST 6' UP BELOW EG-V-31A	1DG305100A
EG-V-34B	RADIATOR BYPASS CHECK VALVE				B DG RADIATOR HOUSING CENTER EAST 6' UP BELOW EG-V-31B	1DG305100B
EG-V-35A	JACKET COOLNT RADIATOR DRAIN VALVE				RAD HOUSING 1A 1' NORTH OF DOOR 6" ABOVE FLOOR	1DG305100A
EG-V-35B	JACKET COOLNT RADIATOR DRAIN VALVE				B DG RADIATOR HOUSING 1' N OF DOOR 6' UP	1DG305100B
EG-V-37A	STANDBY COOLANT PUMP SUCTION CHECK VALVE				A DG RADIATOR HOUSING WEST OF EG-H-1A	1DG305100A
EG-V-37B	STANDBY COOLANT PUMP SUCTION CHECK VALVE				B DG RADIATOR HOUSING 1' WEST OF EG-H-1B	1DG305100B
EG-V-38A	EG-P-8A SUCTION ISOLATION VALVE				RAD HOUSING 1A SOUTH SIDE BY STAND BY PUMP 2' OFF FLOOR	1DG305100A
EG-V-38B	EG-P-8B SUCTION ISOLATION VALVE				B DG RADIATOR HOUSING SOUTH SIDE BY STAND 2' UP	1DG305100B
EG-V-39A	EG-P-8A DISCHARGE ISOLATION VALVE				RAD HOUSING 1A SOUTH SIDE BY STAND BY PUMP 2' OFF FLOOR	1DG305100A
EG-V-39B	EG-P-8B DISCHARGE ISOLATION VALVE				B DG RADIATOR HOUSING SOUTH SIDE BY STAND 2' UP	1DG305100B
EG-V-3A	EG-T-1A-2 RELIEF VALVE				A DG ROOM ON TOP OF EG-T-1A-2	1DG305100A
EG-V-3B	EG-T-1B-2 RELIEF VALVE				B DG ROOM ON TOP OF EG-T-1B-2	1DG305100B
EG-V-40A	EG-P-8A DRAIN VALVE				RAD HOUSING 1A SOUTH SIDE BY STAND BY PUMP 6" OFF FLOOR	1DG305100A
EG-V-40B	EG-P-8B DRAIN VALVE				B DG RADIATOR HOUSING SOUTH SIDE BY PUMP	1DG305100B
EG-V-41A	STBY HEATER SYSTEM SUCTION CHECK VALVE				A DG ROOM WEST OF ENGINE SOUTH OF EG-P-6A	1DG305100A
EG-V-41B	STBY HEATER SYSTEM SUCTION CHECK VALVE				B DG ROOM WEST OF ENGINE S OF EG-P-6B	1DG305100B
EG-V-42A	AIR COOLER COOLANT TO EXPANSION TANK				'A' DIESEL ROOM WEST END 1' SOUTH OF EG-P-5A	1DG305100A
EG-V-42B	AIR COOLER COOLANT TO EXPANSION TANK				B DG ROOM WEST END 1' SOUTH OF EG-P-5B	1DG305100B

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-43A	STANDBY HEATER SYS RETURN ISOL VALVE				A DG RADIATOR HOUSING 2' NORTH OF EG-H-1A	1DG305100A
EG-V-43B	STANDBY HEATER SYS RETURN ISOL VALVE				B DG RADIATOR HOUSING 2' NORTH OF EG-H-1B	1DG305100B
EG-V-44A	STANDBY HEATER SYS SUPPLY ISOL VALVE				'A' DIESEL ROOM SOUTH SIDE WEST END 6" ABOVE DRIVE SHAFT	1DG305100A
EG-V-44B	STANDBY HEATER SYS SUPPLY ISOL VALVE				B DG ROOM SOUTH SIDE WEST END 6" ABOVE DRIVE SHAFT	1DG305100B
EG-V-45A	JACKET COOLANT TO EXPANSION TANK				'A' DIESEL ROOM WEST END 1' WEST & NORTH	1DG305100A
EG-V-45B	JACKET COOLANT TO EXPANSION TANK				B DG ROOM WEST END 1' WEST & NORTH	1DG305100B
EG-V-46A	EG-H-1A RELIEF VALVE				A DG RADIATOR HOUSING WEST AND ABOVE EG-H-1A STANDBY ELEC HTR.	1DG305100A
EG-V-46B	EG-H-1B RELIEF VALVE				B DG RADIATOR HOUSING WEST AND ABOVE EG-H-1B	1DG305100B
EG-V-47A	EG-Y-1A AIR COOLER COOLANT TEMP CTRL VLV				A DG ROOM NEAR WEST WALL SW CORNER OF EG-Y-1A SKID	1DG305100A
EG-V-47B	TEMP. CONTROL VALVE FROM PUMP EG-P-2B				NEAR PUMP EG-P-2B	
EG-V-48A	AIR COOLER COOLANT SUPPLY CHECK VALVE				A DG ROOM N SIDE ENGINE FLANGED INTO PIP E OVER TURBO	1DG305100A
EG-V-48B	AIR COOLER COOLANT SUPPLY CHECK VALVE				B DG ROOM N SIDE ENGINE FLANGED INTO PIP E OVER TURBO	1DG305100B
EG-V-49A	RADIATOR SUPPLY DRAIN VALVE				A DG ROOM SOUTH SIDE OF ENGINE BELOW EG-V-47A	1DG305100A
EG-V-49B	RADIATOR SUPPLY DRAIN VALVE				B DG ROOM SOUTH SIDE OF ENGINE BELOW EG-V-47B	1DG305100B
EG-V-4A	EG-P-9A/10A DISCHARGE CHECK VALVE				A DG ROOM SOUTH OF ENGINE NORTH OF EG-P- 9A	1DG305100A
EG-V-4B	EG-P-9B/10B DISCHARGE CHECK VALVE				B DG SOUTH SIDE OF ENGINE NORTH OF EG-P- 9B	1DG305100B
EG-V-50A	RADIATOR BYPASS DRAIN VALVE				A DG ROOM S SIDE ENGINE BELOW EG-V-47A W MOST VLV	1DG305100A
EG-V-50B	RADIATOR BYPASS DRAIN VALVE				B DG ROOM S SIDE ENGINE BELOW EG-V-47B W MOST VLV	1DG305100B
EG-V-51A	EG-P-2A SUCTION DRAIN VALVE				A DG ROOM S SIDE ENGINE BELOW EG-V-47A E MOST VLV	1DG305100A
EG-V-51B	EG-P-2B SUCTION DRAIN VALVE				B DG ROOM S SIDE ENGINE BELOW EG-V-47B E MOST VLV	1DG305100B
EG-V-55A	AIR START HEADER DRAIN				'A' DIESEL ROOM NORTH SIDE 6" UNDER FLOOR 4' WEST OF STEPS	1DG305100A
EG-V-55B	AIR START HEADER DRAIN				'B' DIESEL ROOM NORTH SIDE 6" UNDER FLOOR 4' WEST OF STEPS	1DG305100B
EG-V-56A	AIR COOLANT DRAIN TO EG-T-2A				A DG ROOM S SIDE ENGINE BELOW EG-P-8A	1DG305100A
EG-V-56B	AIR COOLANT DRAIN TO EG-T-2B				B DG ROOM S SIDE ENGINE BELOW EG-P-8B	1DG305100B
EG-V-58A	JACKET COOLNT DRAIN VLV FROM EG-P-7A				A DG ROOM S SIDE ENGINE BELOW EG-V-47A 3FT FROM WEST WALL	1DG305100A

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-58B	JACKET COOLNT DRAIN VLV FROM EG-P-7B				B DG ROOM S SIDE ENGINE BELOW EG-V-47B 3FT FROM WEST WALL	1DG305100B
EG-V-59A	EG-P-8A ISOL VLV FROM EG-T-2A				A DG RADIATOR HOUSING SOUTH END CENTER L LINE 18" UP	1DG305100A
EG-V-59B	EG-P-8B ISOL VLV FROM EG-T-2B				B DG RADIATOR HOUSING SOUTH END CENTER L LINE 18" UP	1DG305100B
EG-V-5A	EG-P-10A DISCHARGE CHECK VALVE				A DG SOUTH SIDE OF ENGINE SOUTH OF EG-P- 9A	1DG305100A
EG-V-5B	EG-P-10B DISCHARGE CHECK VALVE				B DG SOUTH SIDE OF ENGINE SOUTH OF EG-P- 9B	1DG305100B
EG-V-60A	EG-C-1A COOLANT DRAIN TO EG-T-2A				A DG RADIATOR HOUSING NW FLOOR 18" FROM N WALL	1DG305100A
EG-V-60B	EG-C-1B COOLANT DRAIN TO EG-T-2B				B DG RADIATOR HOUSING NW FLOOR 18" FROM N WALL	1DG305100B
EG-V-61A	EG-C-1A COOLANT DRAIN TO OVERBOARD				A DG RADIATOR HOUSING NW FLOOR 6" FROM NORTH WALL	1DG305100A
EG-V-61B	EG-C-1B COOLANT DRAIN TO OVERBOARD				B DG RADIATOR HOUSING NW FLOOR 6" FROM NORTH WALL	1DG305100B
EG-V-62A	COOLANT DRAIN TANK OUTLET FOOT VALVE				IN COOLANT DRAIN TANK	
EG-V-62B	COOLANT DRAIN TANK OUTLET FOOT VALVE				IN COOLANT DRAIN TANK	
EG-V-63A	EG-C-1A COOLANT SAMPLE DRAIN				A DG OUTSIDE RADIATOR HOUSING NORTH SIDE	1DG305100A
EG-V-63B	EG-C-1B COOLANT SAMPLE DRAIN				B DG OUTSIDE RADIATOR HOUSING NORTH SIDE	1DG305100B
EG-V-70A	COOLANT SYS AND EG-T-2A EXT DRAIN VLV				A DG ROOM S SIDE ENGINE BELOW EG-V-47A	1DG305100A
EG-V-70B	COOLANT SYS AND EG-T-2B EXT DRAIN VLV				B DG ROOM S SIDE ENGINE BELOW EG-V-47B	1DG305100B
EG-V-75A	LUBE OIL FILTER CLEAN OIL DRAIN VLV				RAD HOUSE 1A AT LUBE OIL FILTER EAST SIDE	1DG305100A
EG-V-75B	LUBE OIL FILTER CLEAN OIL DRAIN VLV				B DG RADIATOR HOUSING AT LUBE OIL FILTER EAST SIDE	1DG305100B
EG-V-76A	LUBE OIL PRESS CONT VLV TO T-CHARGER				A DG N SIDE OF ENGINE WEST OF AIR START DISTRIBUTOR	1DG305100A
EG-V-76B	LUBE OIL PRESS CONT VLV TO T-CHARGER				B DG N SIDE OF ENGINE WEST OF AIR START DISTRIBUTOR	1DG305100B
EG-V-77A	TURBOCHARGER OIL SUPPLY CHECK VALVE				A DIESEL GEN NORTH SIDE OF ENGINE WEST OF AIR START DISTRIBUTOR	1DG305100A
EG-V-77B	TURBOCHARGER OIL SUPPLY CHECK VALVE				B DIESEL GEN NORTH SIDE OF ENGINE WEST OF AIR START DISTRIBUTOR	1DG305100B
EG-V-78A	AIR PRESS REG TO BRG LUBE OIL BOOSTER				A DG N SIDE ENGINE EAST END SOUTH OF EG- PS-CCP-2A	1DG305100A
EG-V-78B	AIR PRESS REG TO BRG LUBE OIL BOOSTER				B DG N SIDE OF ENGINE EAST END SOUTH OF EG-PS-CCP-2B	1DG305100B
EG-V-79A	JACKET CLG TO EXP TK RECIRC LINE CHK VLV				INSIDE "A" DIESEL RAD HOUSING 1FT FROM E-G-H-1A 4FT FROM FLR	1DG305100A

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EG-V-79B	JACKET CLG TO EXP TK RECIRC LINE CHK VLV				INSIDE "B" DIESEL RAD HOUSING 1FT FROM E G-H-1B 4FT FROM FLR	1DG305100B
EG-V-7A	EG-P-9A DISCHARGE RELIEF				A DG ROOM WEST OF EG-P-9A (GOVERNOR)	1DG305100A
EG-V-7B	EG-P-9B DISCHARGE RELIEF				B DG ROOM WEST OF EG-P-9B (GOVERNOR)	1DG305100B
EG-V-80A	TURBOCHARGE COOLANT SUPPLY ISOLATION VALVE				ON DIESEL EG-Y-1A	
EG-V-80B	TURBOCHARGE COOLANT SUPPLY ISOLATION VALVE				ON DIESEL EG-Y-1B	
EG-V-80C	TURBOCHARGE COOLANT SUPPLY ISOLATION VALVE				ON DIESEL EG-Y-1A	
EG-V-80D	TURBOCHARGE COOLANT SUPPLY ISOLATION VALVE				ON DIESEL EG-Y-1B	
EG-V-81A	HYDRO TEST ISOLATION VALVE				ON DIESEL EG-Y-1A	
EG-V-81B	HYDRO TEST ISOLATION VALVE				ON DIESEL EG-Y-1B	
EG-V-83A	EDG A GEAR BOX LUBE OIL CHECK VALVE				N LUBE OIL GEAR BOX	
EG-V-83B	EDG B GEAR BOX LUBE OIL CHECK VALVE				ON LUBE OIL GEAR BOX	
EG-Y-0001A	EMERGENCY DIESEL GENERATOR 1A	DG	305	NORTH ROOM N CUB(S)		
EG-Y-0001B	EMERGENCY DIESEL GENERATOR 1B	DG	305	SOUTH ROOM		
EG-Y-001A-GR	NEUTRAL GROUNDING RESISTOR	DGB	305	EMERGENCY DIESEL GEN A		
EG-Y-001B-GR	NEUTRAL GROUNDING RESISTOR	DGB	305	EMERGENCY DIESEL GEN B		
EG-Y-1A	EG-Y-1A TEST CONTROL PANEL				MOUNTED ON SIDE OF ENG MOUNTED REL CAB	
EG-Y-1A	EMERGENCY DIESEL GENERATOR A				DIESEL GEN BLDG A (ENGINE BLOWER)	1DG305100A
EG-Y-1A	EMERG DIESEL GENERATOR 1A ENGINE				NORTH SIDE OF DG BUILDING	1DG305100A
EG-Y-1A	EMERG DIESEL GENERATOR 1A TURBOCHARGER (2 PER ENG.)				EMERG DIESEL GEN A	
EG-Y-1A	EMERG DIESEL 1A GENERATOR				NORTH SIDE OF DG BUILDING	
EG-Y-1A	EMERG DIESEL GENERATOR 1A VOLTAGE REGULATOR				NORTH SIDE OF DG BUILDING	
EG-Y-1AANN	(UNIT 6)EY-1A ANNUNCIATOR PANEL				EG-Y-1A FRT RM: 1P ES 125VDC DP 6	
EG-Y-1ACRANK	(UNIT 1) EDG A CRANKING				ROOM A	
EG-Y-1AMH	(SW# 1)EDG A AUX PNL GEN SPACE HEATER				BREAKER BOX E END OF EG-Y-1A GENERATOR	
EG-Y-1A-BK2	1P DC SW# 2: GOV/SHUTDOWN/ALARM CKT.				SOUTH END OF EG-Y-1A METERING CABINET	1DG305100A
EG-Y-1A-BK3	1P DC SW# 3: FUEL PMP AUX RELAY CONTROL/PROTECTIVE DG RELAY CKT.				SOUTH END OF EG-Y-1A METERING CABINET	
EG-Y-1B	EG-Y-1A TEST CONTROL PANEL				MOUNTED ON SIDE OF ENG MOUNTED REL CAB	
EG-Y-1B	EMERGENCY DIESEL GENERATOR B				DIESEL GEN BLDG B	1DG305100B
EG-Y-1B	EMERG DIESEL GENERATOR 1B ENGINE				SOUTH SIDE OF DG BUILDING	1DG305100B
EG-Y-1B	EMERG DIESEL GENERATOR 1B TURBOCHARGER (2 PER ENG.)				EMERG DIESEL GEN B	
EG-Y-1B	EMERG DIESEL 1B GENERATOR				SOUTH SIDE OF DG BUILDING	
EG-Y-1B	EMERG DIESEL GENERATOR 1B VOLTAGE REGULATOR				SOUTH SIDE OF DG BUILDING	
EG-Y-1BCRANK	(UNIT 1) EDG B CRANKING				ROOM B	
EG-Y-1BWH	(SW# 1)EDG B AUX PNL GEN SPACE HEATER				IN BKR BOX E END OF EG-Y-1B GENERATOR	
EG-Y-1B-BK3	1Q DC SW# 3: FUEL PMP AUX RELAY CONT/PROTECTIVE DG RELAY CKT.				SOUTH END OF EG-Y-1B METERING CABINET	1DG305100B
EG-Y-1B-BK4	1Q DC SW# 4: D/G B ELEC EQUIP CAB (ANN)				ES DIESEL GEN B 1Q DC PANEL	1DG305100B
EHC-CABINET	ELECTRO-HYDRAULIC CONTROL CABINET	CB	338-6	RELAY ROOM		
EHC-FLT-AC1	(UNIT 1) DTC CONTROL CAB				A' INVERTER ROOM VBC 120V DP1	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
EHC-MTS(MTSV)	TURBINE MECHANICAL TRIP SOLENOID VALVE	TB	355	TURB. FRONT STANDARD		
EHC-PNL-1-BK1	EE-PNL-VBC SWITCH # 1 DTCS PRIMARY POWER SUPPLY BREAKER				CB322', A INVERTER ROOM INSIDE PANEL VBC	1CB322200
EHC-V-0017(MTV)	TURBINE EHC MECHANICAL TRIP VALVE	TB	355	FORWARD OF HP TURB.		
EHC-V-0019	TURBINE EHC ELECTRICAL TRIP VALVE	TB	355	FORWARD OF HP TURB.		
EHC-V-0021A	TURBINE MASTER TRIP SOLENOID VALVE	TB	355	TURB. FRONT STANDARD		
EHC-V-0021B	TURBINE MASTER TRIP SOLENOID VALVE	TB	355	TURB. FRONT STANDARD		
ES ACT CAB A	ESAS ACTUATION CABINET				W OF COL. 10B/G3	
ES ACT CAB B	ESAS ACTUATION CABINET				W OF COL. 10B/G3	
ESAS-CAB-1A-BK1	VBA SW#3 FOR ES RELAY CAB 1A					1CB322200
ESAS-CAB-1A-BK2	BRKR FOR RELAY CAB 1A LIGHTS/RECEPT/FAN				CT-5 SW 18 AT 1A ESMCC	1CB322200
ESAS-CAB-1B-BK1	VBA SW# 4 : ES RELAY CAB 1B				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 4	1CB322200
ESAS-CAB-1B-BK2	BRKR FOR RELAY CAB 1B LIGHTS/RECEPT/FAN				CT-E SW 18 AT 1B ESMCC	1CB322200
ESAS-CAB-1-BK1	BREAKER FOR ESAS BISTABLE CAB 1				VBA SW#5	1CB322200
ESAS-CAB-1-BK4	SYSTEM DC (120VAC BKR FROM SYSTEM AC)				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 1 UNIT A-1-3 SW 3	1CB338300
ESAS-CAB-1-BK5	B/S CAB1 +15 VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 1 UNIT A-1-4	1CB338300
ESAS-CAB-1-BK6	B/S CAB1 -15 VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 1 UNIT A-1-6	1CB338300
ESAS-CAB-2A-BK1	VBB SW #3 FOR ESAS RELAY CAB 2A					1CB322200
ESAS-CAB-2A-BK2	BRKR FOR RELAY CAB 2A LIGHTS/RECEPT/FAN				CT-5 SW 19 AT 1A ESMCC	1CB322200
ESAS-CAB-2B-BK1	VBB SW#4 FOR ESAS RELAY CAB 2B					1CB322200
ESAS-CAB-2B-BK2	BRKR FOR RELAY CAB 2B LIGHTS/RECEPT/FAN				CT-E SW 19 AT 1B ESMCC	1CB322200
ESAS-CAB-2-BK1	BREAKER FOR ESAS BISTABLE CAB 2				VBB SW 5	1CB322200
ESAS-CAB-2-BK4	SYSTEM DC (120VAC BKR FROM SYSTEM AC)				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 2 UNIT B-2-3 SW 3	1CB338300
ESAS-CAB-2-BK5	B/S CAB2 +15VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 2 UNIT B-2-4	1CB338300
ESAS-CAB-2-BK6	B/S CAB2 -15VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 2 UNIT B-2-5	1CB338300
ESAS-CAB-3A-BK1	VBC SW#3 FOR ESAS RELAY CAB 3A					1CB322200
ESAS-CAB-3A-BK2	BRKR FOR RELAY CAB 3A LIGHTS/RECEPT/FAN				CT-5 SW 20 ON 1A ESMCC	1CB322200
ESAS-CAB-3B-BK1	VBD SW 11				BREAKER FOR ESAS RELAY CAB 3B	1CB322200
ESAS-CAB-3B-BK2	BRKR FOR RELAY CAB 3B LIGHTS/RECEPT/FAN				CT-E SW 20 AT 1B ESMCC	1CB322200
ESAS-CAB-3-BK1	BREAKER FOR ESAS BISTABLE CAB 3				VBC SW 5	1CB322200
ESAS-CAB-3-BK4	SYSTEM DC (120VAC BKR FROM SYSTEM AC)				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 3 UNIT C-3-3 SW 3	1CB338300
ESAS-CAB-3-BK5	B/S CAB3 +15VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 3 UNIT C-3-4	1CB338300

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
ESAS-CAB-3-BK6	B/S CAB3 -15VDC POWER SUPPLY BREAKER				CONTROL TWR 338: ESAS ROOM:ESAS BISTABLE CAB 3 UNIT C-3-5	1CB338300
ESAS-CAB-4A-BK1	BRKR FOR A ACTUATION CAB LIGHTS/RECP/FAN				CT-5 SW 5 ON 1A ESMCC	1CB322200
ESAS-CAB-4D-BK1	1E ES DC SW 1				BREAKER FOR "A" ES MANUAL ACTUATION	1CB322200
ESAS-CAB-5A-BK1	BRKR FOR B ACTUATION CAB LIGHTS/RECP/FAN				CT-E SW 11 ON 1B ESMCC	1CB322200
ESAS-CAB-5D-BK1	1F ES DC SW 1				BREAKER FOR "B" ES MANUAL ACTUATION	1CB322200
ESAS-IND-BK1	BREAKER FOR ESAS STATUS LIGHTS PCR				VBA SW 6	1CB322200
ESAS-IND-BK2	BREAKER FOR ES STATUS LIGHTS PCR				VBB SW 23	1CB322200
ESAS-R-1B-BK1	CT-E SW 28 ON 1B ESMCC				BREAKER FOR ES LOAD SHED RELAY R1B	1CB322200
ESFV-2-BKR1B	FEEDER BKR TO CP AH-CP-1B BREAKER #1				AUX BLDG BASEMENT	
FANS-PORTABLE	PORTABLE VENTILATION FANS (AND FLEXIBLE DUCTING)	TB	305	EQUIPMENT STORAGE AREA		
FS-P-2-BKR	1R 480V ES SWGR UNIT 1C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
FS-P-2-BKT	1T 480V ES SWGR UNIT 1C				SCREEN HOUSE: NORTH AREA	1RWPH 100
FS-P-4-BK	1C ES VALVES MCC UNIT 9AR				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
FS-PNL-AIT-1	(UNIT 6) AIR INTAKE HALON PANEL 1 A/D CKTBRK				'A' INVERTER ROOM VBC 120V DP 6	
FS-PNL-ESF-A-BK	ESFV-1 SW# 2 :ESF FILTER A FIRE PANEL				AUX BLDG 305: ON 1A ESF VENT MCC	1AB305130
FS-PNL-ESF-B-BK	ESFV-2 SW# 2 :ESF FILTER B FIRE PANEL				AUX BLDG 305: ON 1B ESF VENT MCC	1AB305130
FS-PNLMDCT-1	1H DC SW# 10 MDCT DELUGE ACTUATION PNL				A INVERTER ROOM	
FS-PNL-NDCT-B-BK	1J DC SW# 9 : B NDCT DELUGE ACT PNL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
FS-PNL-TB-1-BK	1H DC SW# 7: TURB BLDG DELUGE PANELS				CONTROL TWR 322: A INVERTER ROOM	1CB322200
FS-V-401	CONTAINMENT ISOLATION - RX BLDG FIRE SERVICE ISOL VLV				308' RX BLDG SOUTH OF ELEVATOR 8.5' ABOVE THE FLOOR	1RB279000
FS-V-405	R B ISOLATION TEST/ DRAIN VALVE				TB305 2FT W OF COND BOOSTER PMP DISCH HDR 13FT ABOVE FLR	1TB305100
FW-C-0001A	OTSG A HOT DRAIN COOLER	RB	281	N WALL OUTSIDE RCDT CUBICLE		
FW-C-0001B	OTSG B HOT DRAIN COOLER	RB	281	N OUTSIDE WALL RCDT CUBICLE		
FW-LT-1040	A OTSG OPERATING RANGE LEVEL				ACROSS FROM SE STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1041	A OTSG OPERATING RANGE LEVEL				ACROSS FROM SE STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1042	A OTSG START UP RANGE LEVEL				ACROSS FROM SE STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1043	A OTSG START UP RANGE LEVEL				ACROSS FROM SE STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1044	A OTSG OPERATING RANGE LEVEL				NEAR ELEVATOR 281 ELEV RB	1RB279000
FW-LT-1045	A OTSG OPERATING RANGE LEVEL				NEAR ELEVATOR 281 ELEV RB	1RB279000
FW-LT-1046	A OTSG START UP RANGE LEVEL				NEAR ELEVATOR 281 ELEV RB	1RB279000
FW-LT-1047	A OTSG START UP RANGE LEVEL				NEAR ELEVATOR 281 ELEV RB	1RB279000
FW-LT-1048	B OTSG OPERATING RANGE LEVEL				NEAR RB SUMP 281 ELEV RB	1RB279000
FW-LT-1049	B OTSG OPERATING RANGE LEVEL				NEAR RB SUMP 281 ELEV RB	1RB279000
FW-LT-1050	B OTSG START UP RANGE LEVEL				NEAR RB SUMP 281 ELEV RB	1RB279000
FW-LT-1051	B OTSG START UP RANGE LEVEL				NEAR RB SUMP 281 ELEV RB	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-LT-1052	B OTSG OPERATING RANGE LEVEL				NEAR W STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1053	B OTSG OPERATING RANGE LEVEL				NEAR W STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1054	B OTSG START UP RANGE LEVEL				NEAR W STAIRWELL 281 ELEV RB	1RB279000
FW-LT-1055	B OTSG START UP RANGE LEVEL				NEAR W STAIRWELL 281 ELEV RB	1RB279000
FW-P-1A-BK1	1C DC SW# 3: FW-P-1A SPD CHANGER MOTOR				CONTROL TWR 322: A INVERTER ROOM	1CB322200
FW-TE-1044	A OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE A D-RING EAST WALL	1RBDR 515
FW-TE-1045	A OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE A D-RING EAST WALL	1RBDR 515
FW-TE-1046	A OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE A D-RING EAST WALL	1RBDR 515
FW-TE-1047	A OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE A D-RING EAST WALL	1RBDR 515
FW-TE-1048	B OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE B D-RING WEST WALL	1RBDR 520
FW-TE-1049	B OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE B D-RING WEST WALL	1RBDR 520
FW-TE-1050	B OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE B D-RING WEST WALL	1RBDR 520
FW-TE-1051	B OTSG FULL RANGE LEVEL REF LEG TEMP				309 ELEV RB INSIDE B D-RING WEST WALL	1RBDR 520
FW-V-0005A	A MAIN FW BLOCK VALVE	IB	322	AT COL G-5		
FW-V-0005B	B MAIN FW BLOCK VALVE	IB	322	C CUBICLE, E WALL		
FW-V-0016A	A FW STARTUP CONT. VALVE	IB	322	IB/TB SW OF FW-P-1B		
FW-V-0016A-RACK	INSTR RACK FOR FW-V-0016A SOLENOID VALVE	IB	322	IB/TB EAST OF VALVE		
FW-V-0016B	B FW STARTUP CONT. VALVE	IB	322	C CUBICLE, E WALL		
FW-V-0016B-RACK	INSTR RACK FOR FW-V-0016B SOLENOID VALVE-	IB	322	MS CUBICLE "B" ON EAST WALL		
FW-V-0017A	A MAIN FW CONTROL VALVE	IB	322	IB/TB SW OF FW-P-1B		
FW-V-0017A-RACK	INSTR RACK FOR FW-V-0017A SOLENOID VALVE	IB	322	IB/TB ON GRATING WEST OF VALVE		
FW-V-0017B	B MAIN FW CONTROL VALVE	IB	322	C CUBICLE, E WALL		
FW-V-0017B-RACK	INSTR RACK FOR FW-V-0017B SOLENOID VALVE	IB	322	MS CUBICLE "B" ON EAST WALL		
FW-V-0092A	A OTSG STARTUP FW BLOCK VALVE	IB	322	SW OF FW-P-1B		
FW-V-0092B	B OTSG STARTUP FW BLOCK VALVE	IB	322	C CUBICLE, SOUTH		
FW-V-1085	PRI ROOT FOR FW-LT-789/775				RB INSIDE D-RING BY MSV23A ON TOP OF "A" OTSG AT RECIRC VLV	1RBDR 515
FW-V-1086	SEC ROOT FOR FW-LT-789/775				RB INSIDE D-RING BY MSV23A ON TOP OF "A" OTSG AT RECIRC VLV	1RBDR 515
FW-V-1087	PRI ROOT FOR FW-LT-789/1042 /1043				RB BASEMENT WEST SIDE "A" OTSG 6' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1088	SEC ROOT FOR FW-LT-789/1042 /1043				RB BASEMENT WEST SIDE "A" OTSG 6' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1089	PRI ROOT FW- LT-1040/1041/ 1042/1043				RB 5' S RCP1A SEAL PACKAGE AREA	1RBDR 506A
FW-V-1090	SEC ROOT FW- LT-1040/1041/ 1042/1043				RB 5' S RCP1A SEAL PACKAGE AREA	1RBDR 506A
FW-V-1091	PRI ROOT FOR FW-LT-1044/ 1045				RB 302 ELEV IN A D-RING: ON EAST SIDE OF "A" OTSG	1RBDR 515
FW-V-1092	SEC ROOT FOR FW-LT-1044/ 1045				RB 302 IN A D-RING: ON EAST SIDE OF "A" OTSG	1RBDR 515

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1093	PRI ROOT FW- LT-1044/1045/ 1046/1047				RB E SIDE A OTSG 10' FROM EFW ANNULUS: A T RCP COUPLING ELEV	1RBDR 515
FW-V-1094	SEC ROOT FW- LT-1044/1045/ 1046/1047				RB E SIDE A OTSG 10' FROM EFW ANNULUS: A T RCP COUPLING ELEV	1RBDR 515
FW-V-1095	PRI ROOT FOR FW-LT-1040/ 1041				RB A D RING :OTSG NW 12' ABOVE SKIRT WALKWAY NEAR STAIRWAY	1RBDR 515
FW-V-1096	SEC ROOT FOR FW-LT-1040/ 1041				RB A D RING :OTSG NW 12' ABOVE SKIRT WALKWAY NEAR STAIRWAY	1RBDR 515
FW-V-1097	PRI ROOT FOR FW-LT -775/1046				RB BASEMENT EAST SIDE 'A' OTSG 11' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1098	SEC ROOT FOR FW-LT -775/1046				RB BASEMENT EAST SIDE 'A' OTSG 11' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1099	PRI ROOT FOR FW-LT-776/788				RB INSIDE D-RING BY MSV23B ON TOP OF "B" OTSG	1RBDR 520
FW-V-1100	SEC ROOT FOR FW-LT-776/788				RB INSIDE D-RING BY MSV23B ON TOP OF "B" OTSG	1RBDR 520
FW-V-1101	PRI ROOT FOR FW-LT-776/1050 /1051				RB 'B' OTSG EAST SIDE BASEMENT 5' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1102	SEC ROOT FOR FW-LT-776/1050 /1051				RB 'B' OTSG EAST SIDE BASEMENT 5' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1103	PRI ROOT FW- LT-1048/1049/ 1050/1051				RB 'B' OTSG AREA 15' ABOVE DH-V-1: AT RC -P-1D COUPLING	1RBDR 520
FW-V-1104	SEC ROOT FW- LT-1048/1049/ 1050/1051				RB 'B' OTSG AREA 15' ABOVE DH-V-1: AT R C-P-1D COUPLING	1RBDR 520
FW-V-1105	PRI ROOT FOR FW-LT-1052/ 1053				RB WEST SIDE B OTSG 20' ABOVE FLOOR : 8' ABOVE FW-V-1111	1RBDR 520
FW-V-1106	SEC ROOT FOR FW-LT-1052/ 1053				RB WEST SIDE B OTSG 20' ABOVE FLOOR : 8' ABOVE FW-V-1111	1RBDR 520
FW-V-1107	PRI ROOT FW- LT-1052/1053/ 1054/1055				RB 'B' OTSG NW SIDE BY MS-V-60B AT RCP COUPLING ELEV	1RBDR 520
FW-V-1108	SEC ROOT FW- LT-1052/1053/ 1054/1055				RB 'B' OTSG NW SIDE BY MS-V-60B AT RCP COUPLING ELEV	1RBDR 520
FW-V-1109	PRI ROOT FOR FW-LT-1048/ 1049				RB B OTSG EAST SIDE BETWEEN OTSG AND DH- V-1	1RBDR 520
FW-V-1110	SEC ROOT FOR FW-LT-1048/ 1049				RB B OTSG EAST SIDE BETWEEN OTSG AND DH- V-1	1RBDR 520
FW-V-1111	PRI ROOT SP1B -LT1/ FW-LT- 788/1054/10				RB WEST SIDE B OTSG 12' UP & 5.5' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-1112	SEC ROOT SP1B -LT1/ FW-LT- 788/1054/10				RB WEST SIDE B OTSG 12' UP & 5.5' ABOVE SKIRT WALKWAY	1RBDR 520
FW-V-126A	PENETRATION 213 ISOLATION TEST VALVE.				PENETRATION 213 TURBINE BUILDING, RB WALL, APPR. 8' ABOVE 305'	1TB305106
FW-V-126B	PENETRATION 214 ISOLATION TEST VALVE..				PENETRATION 214 TURBINE BUILDING, RB WALL, APPR. 8' ABOVE 305'	1TB305106
FW-V-12A	CONTAINMENT ISOLATION - A OTSG INLET CHECK VALVE				NEAR FW-V-16A	1TB322200
FW-V-12B	CONTAINMENT ISOLATION - B OTSG INLET CHECK VALVE				NEAR FW-V-16B	1TB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1310A	FW-LT-775 HIGH SIDE ISOLATION VALVE				RB BASEMENT OUTSIDE D-RING SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1310B	FW-LT-775 LOW SIDE ISOLATION				RB BASEMENT OUTSIDE D-RING SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1310C	FW-LT-775 EQUALIZING ISOLATION				RB BASEMENT OUTSIDE D-RING SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1310D	FW-LT-775 HI SIDE TEST CONN ISOLATION				RB BASEMENT OUTSIDE D-RING SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1310E	FW-LT-775 LO SIDE TEST CONN ISOLATION				RB BASEMENT OUTSIDE D-RING SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1311	FW-LT-775 LO SIDE ISOL				RB BASEMENT 5' SOUTH ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1312	FW-LT-775 HI SIDE ISOL				RB BASEMENT 5' SOUTH ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1313	FW-LT-775 LO SIDE DRAIN				RB BASEMENT 5' SOUTH ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1314	FW-LT-775 HI SIDE DRAIN				RB BASEMENT 5' SOUTH ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1325A	FW-LT-776 HI SIDE ISOLATION				RB BASEMENT OUTSIDE D-RING NEAR RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1325B	FW-LT-776 LO SIDE ISOLATION				RB BASEMENT OUTSIDE D-RING NEAR RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1325C	FW-LT-776 EQUALIZING ISOLATION				RB BASEMENT OUTSIDE D-RING NEAR RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1325D	FW-LT-776 HI SIDE TEST CONN ISOLATION				RB BASEMENT OUTSIDE D-RING NEAR RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1325E	FW-LT-776 LO SIDE TEST CONN ISOLATION				RB BASEMENT OUTSIDE D-RING NEAR RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1326	FW-LT-776 HI SIDE ISOL				RB BASEMENT 7' FROM RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1327	FW-LT-776 LO SIDE ISOL				RB BASEMENT 7' FROM RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1328	FW-LT-776 HI SIDE DRAIN				RB BASEMENT 7' FROM RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1329	FW-LT-776 LO SIDE DRAIN				RB BASEMENT 7' FROM RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1352	FW-LT-775 LO SIDE DRAIN				RB BASEMENT 6' SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1353	FW-LT-775 HI SIDE DRAIN				RB BASEMENT 6' SOUTH OF ELEVATOR ON INSTRUMENT RACK	1RB279000
FW-V-1356	FW-LT-776 HI SIDE DRAIN				RB BASEMENT 5' NORTH OF RB SUMP ON INSTRUMENT RACK	1RB279000
FW-V-1357	FW-LT-776 LO SIDE DRAIN				RB BASEMENT 5' NORTH OF RB SUMP ON INSTRUMENT RACK	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1358	FW-LT-1046 LO SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1359	FW-LT-1046 HI SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1360	FW-LT-1046 LO SIDE TEST				AT FW-LT-1046	1RB279000
FW-V-1361	FW-LT-1046 HI SIDE TEST				AT FW-LT-1046	1RB279000
FW-V-1362	FW-LT-1046 EQUALIZING VALVE				AT FW-LT-1046	1RB279000
FW-V-1363	FW-LT-1046 LO SIDE DRAIN				AT FW-LT-1046	1RB279000
FW-V-1364	FW-LT-1046 HI SIDE DRAIN				AT FW-LT-1046	1RB279000
FW-V-1365	FW-LT-1044 HI & FW-LT-1046 LO SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1366	FW-LT-1046 HI SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1367	FW-LT-1044 LO SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1368	FW-LT-1044 HI SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1369	FW-LT-1044 LO SIDE TEST				AT FW-LT-1044	1RB279000
FW-V-1370	FW-LT-1044 HI SIDE TEST				AT FW-LT-1044	1RB279000
FW-V-1371	FW-LT-1044 EQUALIZING VALVE				AT FW-LT-1044	1RB279000
FW-V-1372	FW-LT-1044 LO SIDE DRAIN				AT FW-LT-1044	1RB279000
FW-V-1373	FW-LT-1044 HI SIDE DRAIN				AT FW-LT-1044	1RB279000
FW-V-1374	FW-LT-1044 LO SIDE ISOL				AT FW-LT-1044	1RB279000
FW-V-1375	FW-LT-789 LO SIDE ISOL				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1376	FW-LT-789 HI SIDE ISOL				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1377	FW-LT-789 LO SIDE TEST				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1378	FW-LT-789 HI SIDE TEST				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1379	FW-LT-789 EQUALIZING VALVE				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1380	FW-LT-789 HI SIDE DRAIN				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1381	FW-LT-789 LO SIDE DRAIN				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1382	FW-LT-789 HI SIDE ISOL				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1383	FW-LT-789 LO SIDE ISOL				RB BASEMENT BY EAST STAIRCASE ON INSTRUMENT RACK	1RB279000
FW-V-1384	FW-LT-1045 LO SIDE ISOL				AT FW-LT-1045	1RB279000
FW-V-1385	FW-LT-1045 HI SIDE ISOL				AT FW-LT-1045	1RB279000
FW-V-1386	FW-LT-1045 LO SIDE TEST				AT FW-LT-1045	1RB279000
FW-V-1387	FW-LT-1045 HI SIDE TEST				AT FW-LT-1045	1RB279000
FW-V-1388	FW-LT-1045 EQUALIZING VALVE				AT FW-LT-1045	1RB279000
FW-V-1389	FW-LT-1045 LO SIDE DRAIN				AT FW-LT-1045	1RB279000
FW-V-1390	FW-LT-1045 HI & FW-LT-1047 LO SIDE DRAIN				AT FW-LT-1045	1RB279000
FW-V-1391	FW-LT-1047 LO SIDE ISOL				AT FW-LT-1047	1RB279000
FW-V-1392	FW-LT-1047 HI SIDE ISOL				AT FW-LT-1047	1RB279000
FW-V-1393	FW-LT-1047 LO SIDE TEST				AT FW-LT-1047	1RB279000
FW-V-1394	FW-LT-1047 HI SIDE TEST				AT FW-LT-1047	1RB279000
FW-V-1395	FW-LT-1047 EQUALIZING VALVE				AT FW-LT-1047	1RB279000
FW-V-1396	FW-LT-1047 HI SIDE DRAIN				AT FW-LT-1047	1RB279000
FW-V-1397	FW-LT-1045 LO SIDE ISOL				AT FW-LT-1045	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1398	FW-LT-1045 HI & FW-LT-1047 LO SIDE ISOL				AT FW-LT-1045	1RB279000
FW-V-1399	FW-LT-1047 HI SIDE ISOL				AT FW-LT-1047	1RB279000
FW-V-1400	FW-LT-1041 LO SIDE ISOL				AT FW-LT-1041	1RB279000
FW-V-1401	FW-LT-1041 HI SIDE ISOL				AT FW-LT-1041	1RB279000
FW-V-1402	FW-LT-1041 LO SIDE TEST				AT FW-LT-1041	1RB279000
FW-V-1403	FW-LT-1041 HI SIDE TEST				AT FW-LT-1041	1RB279000
FW-V-1404	FW-LT-1041 EQUALIZING VALVE				AT FW-LT-1041	1RB279000
FW-V-1405	FW-LT-1041 LO SIDE DRAIN				AT FW-LT-1041	1RB279000
FW-V-1406	FW-LT-1041 HI SIDE DRAIN				AT FW-LT-1041	1RB279000
FW-V-1407	FW-LT-1040 & FW-LT-1041 LO SIDE ISOL				AT FW-LT-1041	1RB279000
FW-V-1408	FW-LT-1040, 1041 HI & 1042, 1043 LO ISOL				AT FW-LT-1041	1RB279000
FW-V-1409	FW-LT-1043 LO SIDE ISOL				AT FW-LT-1043	1RB279000
FW-V-1410	FW-LT-1043 HI SIDE ISOL				AT FW-LT-1043	1RB279000
FW-V-1411	FW-LT-1043 LO SIDE TEST				AT FW-LT-1043	1RB279000
FW-V-1412	FW-LT-1043 HI SIDE TEST				AT FW-LT-1043	1RB279000
FW-V-1413	FW-LT-1043 EQUALIZING VALVE				AT FW-LT-1043	1RB279000
FW-V-1414	FW-LT-1043 LO SIDE DRAIN				AT FW-LT-1043	1RB279000
FW-V-1415	FW-LT-1043 HI SIDE DRAIN				AT FW-LT-1043	1RB279000
FW-V-1416	FW-LT-1042, 1043 HI SIDE ISOL				AT FW-LT-1043	1RB279000
FW-V-1417	FW-LT-1042 LO SIDE ISOL				AT FW-LT-1042	1RB279000
FW-V-1418	FW-LT-1042 HI SIDE ISOL				AT FW-LT-1042	1RB279000
FW-V-1419	FW-LT-1042 LO SIDE TEST				AT FW-LT-1042	1RB279000
FW-V-1420	FW-LT-1042 HI SIDE TEST				AT FW-LT-1042	1RB279000
FW-V-1421	FW-LT-1042 EQUALIZING VALVE				AT FW-LT-1042	1RB279000
FW-V-1422	FW-LT-1042 LO SIDE DRAIN				AT FW-LT-1042	1RB279000
FW-V-1423	FW-LT-1042 HI SIDE DRAIN				AT FW-LT-1042	1RB279000
FW-V-1424	FW-LT-1040 LO SIDE ISOL				AT FW-LT-1040	1RB279000
FW-V-1425	FW-LT-1040 HI SIDE ISOL				AT FW-LT-1040	1RB279000
FW-V-1426	FW-LT-1040 LO SIDE TEST				AT FW-LT-1040	1RB279000
FW-V-1427	FW-LT-1040 HI SIDE TEST				AT FW-LT-1040	1RB279000
FW-V-1428	FW-LT-1040 EQUALIZING VALVE				AT FW-LT-1040	1RB279000
FW-V-1429	FW-LT-1040 LO SIDE DRAIN				AT FW-LT-1040	1RB279000
FW-V-1430	FW-LT-1040 HI SIDE DRAIN				AT FW-LT-1040	1RB279000
FW-V-1431	FW-LT-788 LO SIDE ISOLATION				AT FW-LT-788	1RB279000
FW-V-1432	FW-LT-788 HI SIDE ISOLATION				AT FW-LT-788	1RB279000
FW-V-1433	FW-LT-788 HI SIDE DRAIN				AT FW-LT-788	1RB279000
FW-V-1434	FW-LT-788 EQUALIZING VALVE				AT FW-LT-788	1RB279000
FW-V-1435	FW-LT-788 HI SIDE DRAIN				AT FW-LT-788	1RB279000
FW-V-1436	FW-LT-788 LO SIDE DRAIN				AT FW-LT-788	1RB279000
FW-V-1437	FW-LT-788 LO SIDE ISOLATION				AT FW-LT-788	1RB279000
FW-V-1438	FW-LT-788 HI SIDE ISOLATION				AT FW-LT-788	1RB279000
FW-V-1439	FW-LT-1054 LO SIDE ISOLATION				AT FW-LT-1054	1RB279000
FW-V-1440	FW-LT-1054 HI SIDE ISOLATION				AT FW-LT-1054	1RB279000
FW-V-1441	FW-LT-1054 LO SIDE TEST				AT FW-LT-1054	1RB279000
FW-V-1442	FW-LT-1054 HI SIDE TEST				AT FW-LT-1054	1RB279000
FW-V-1443	FW-LT-1054 EQUALIZING VALVE				AT FW-LT-1054	1RB279000
FW-V-1444	FW-LT-1054 LO SIDE DRAIN				AT FW-LT-1054	1RB279000
FW-V-1445	FW-LT-1054 HI SIDE DRAIN				AT FW-LT-1054	1RB279000
FW-V-1446	FW-LT-1052 HI FW-LT-1054 LO SIDE ISOL				AT FW-LT-1054	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1447	FW-LT-1052 LO SIDE ISOLATION				AT FW-LT-1052	1RB279000
FW-V-1448	FW-LT-1052 HI SIDE ISOLATION				AT FW-LT-1052	1RB279000
FW-V-1449	FW-LT-1052 LO SIDE TEST				AT FW-LT-1052	1RB279000
FW-V-1450	FW-LT-1052 HI SIDE TEST				AT FW-LT-1052	1RB279000
FW-V-1451	FW-LT-1052 EQUALIZING VALVE				AT FW-LT-1052	1RB279000
FW-V-1452	FW-LT-1052 LO SIDE DRAIN				AT FW-LT-1052	1RB279000
FW-V-1453	FW-LT-1052 HI SIDE DRAIN				AT FW-LT-1052	1RB279000
FW-V-1454	FW-LT-1052 LO SIDE ISOLATION				AT FW-LT-1052	1RB279000
FW-V-1455	FW-LT-1053 LO SIDE ISOLATION				AT FW-LT-1053	1RB279000
FW-V-1456	FW-LT-1053 HI SIDE ISOLATION				AT FW-LT-1053	1RB279000
FW-V-1457	FW-LT-1053 LO SIDE TEST				AT FW-LT-1053	1RB279000
FW-V-1458	FW-LT-1053 HI SIDE TEST				AT FW-LT-1053	1RB279000
FW-V-1459	FW-LT-1053 EQUALIZING VALVE				AT FW-LT-1053	1RB279000
FW-V-1460	FW-LT-1053 LO SIDE DRAIN				AT FW-LT-1053	1RB279000
FW-V-1461	FW-LT-1053 HI SIDE DRAIN				AT FW-LT-1053	1RB279000
FW-V-1462	FW-LT-1053 LO SIDE ISOLATION				AT FW-LT-1053	1RB279000
FW-V-1463	FW-LT-1053 HI FW-LT-1055 LO SIDE ISOL				AT FW-LT-1053	1RB279000
FW-V-1464	FW-LT-1055 LO SIDE ISOLATION				AT FW-LT-1055	1RB279000
FW-V-1465	FW-LT-1055 HI SIDE ISOLATION				AT FW-LT-1055	1RB279000
FW-V-1466	FW-LT-1055 LO SIDE TEST				AT FW-LT-1055	1RB279000
FW-V-1467	FW-LT-1055 HI SIDE TEST				AT FW-LT-1055	1RB279000
FW-V-1468	FW-LT-1055 EQUALIZING VALVE				AT FW-LT-1055	1RB279000
FW-V-1469	FW-LT-1055 LO SIDE DRAIN				AT FW-LT-1055	1RB279000
FW-V-1470	FW-LT-1055 HI SIDE DRAIN				AT FW-LT-1055	1RB279000
FW-V-1471	FW-LT-788 LO SIDE DRAIN				AT FW-LT-788	1RB279000
FW-V-1472	FW-LT-1055 HI SIDE ISOLATION				AT FW-LT-1055	1RB279000
FW-V-1473	FW-LT-1048 LO SIDE ISOLATION				AT FW-LT-1048	1RB279000
FW-V-1474	FW-LT-1048 HI SIDE ISOLATION				AT FW-LT-1048	1RB279000
FW-V-1475	FW-LT-1048 LO SIDE TEST				AT FW-LT-1048	1RB279000
FW-V-1476	FW-LT-1048 HI SIDE TEST				AT FW-LT-1048	1RB279000
FW-V-1477	FW-LT-1048 EQUALIZING VALVE				AT FW-LT-1048	1RB279000
FW-V-1478	FW-LT-1048 LO SIDE DRAIN				AT FW-LT-1048	1RB279000
FW-V-1479	FW-LT-1048 HI SIDE DRAIN				AT FW-LT-1048	1RB279000
FW-V-1480	FW-LT-1048 HI FW-LT-1049 LO SIDE ISOL				AT FW-LT-1048	1RB279000
FW-V-1481	FW-LT-1048, 1049 HI, 1050, 1051 LO, ISOL				AT FW-LT-1048	1RB279000
FW-V-1482	FW-LT-1050 LO SIDE ISOLATION				AT FW-LT-1050	1RB279000
FW-V-1483	FW-LT-1050 HI SIDE ISOLATION				AT FW-LT-1050	1RB279000
FW-V-1484	FW-LT-1050 LO SIDE TEST				AT FW-LT-1050	1RB279000
FW-V-1485	FW-LT-1050 HI SIDE TEST				AT FW-LT-1050	1RB279000
FW-V-1486	FW-LT-1050 EQUALIZING VALVE				AT FW-LT-1050	1RB279000
FW-V-1487	FW-LT-1050 LO SIDE DRAIN				AT FW-LT-1050	1RB279000
FW-V-1488	FW-LT-1050 HI SIDE DRAIN				AT FW-LT-1050	1RB279000
FW-V-1489	FW-LT-1050 HI FW-LT-1051 HI SIDE ISOL				AT FW-LT-1050	1RB279000
FW-V-1490	FW-LT-1051 LO SIDE ISOLATION				AT FW-LT-1051	1RB279000
FW-V-1491	FW-LT-1051 HI SIDE ISOLATION				AT FW-LT-1051	1RB279000
FW-V-1492	FW-LT-1051 LO SIDE TEST				AT FW-LT-1051	1RB279000
FW-V-1493	FW-LT-1051 HI SIDE TEST				AT FW-LT-1051	1RB279000
FW-V-1494	FW-LT-1051 EQUALIZING VALVE				AT FW-LT-1051	1RB279000
FW-V-1495	FW-LT-1051 LO SIDE DRAIN				AT FW-LT-1051	1RB279000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1496	FW-LT-1051 HI SIDE DRAIN				AT FW-LT-1051	1RB279000
FW-V-1497	FW-LT-1049 LO SIDE ISOLATION				AT FW-LT-1049	1RB279000
FW-V-1498	FW-LT-1049 HI SIDE ISOLATION				AT FW-LT-1049	1RB279000
FW-V-1499	FW-LT-1049 LO SIDE TEST				AT FW-LT-1049	1RB279000
FW-V-1500	FW-LT-1049 HI SIDE TEST				AT FW-LT-1049	1RB279000
FW-V-1501	FW-LT-1049 EQUALIZING VALVE				AT FW-LT-1049	1RB279000
FW-V-1502	FW-LT-1049 LO SIDE DRAIN				AT FW-LT-1049	1RB279000
FW-V-1503	FW-LT-1049 HI SIDE DRAIN				AT FW-LT-1049	1RB279000
FW-V-1519	FW-LT-1045 HI SIDE ISOL				AT FW-LT-1045	1RB279000
FW-V-1520	FW-LT-1046 LO SIDE ISOL				AT FW-LT-1046	1RB279000
FW-V-1521	FW-LT-1048 HI SIDE ISOL				AT FW-LT-1048	1RB279000
FW-V-1522	FW-LT-1047 LO SIDE ISOL				AT FW-LT-1047	1RB279000
FW-V-1523	FW-LT-788 HI SIDE ISOL				AT FW-LT-788	1RB279000
FW-V-1524	FW-LT-1054 HI SIDE ISOL				AT FW-LT-1054	1RB279000
FW-V-1525	FW-LT-1054 LO SIDE ISOL				AT FW-LT-1054	1RB279000
FW-V-1526	FW-LT-1052 HI SIDE ISOL				AT FW-LT-1052	1RB279000
FW-V-1527	FW-LT-1040 HI SIDE ISOL				AT FW-LT-1040	1RB279000
FW-V-1528	FW-LT-1040 LO SIDE ISOL				AT FW-LT-1040	1RB279000
FW-V-1529	FW-LT-1041 HI SIDE ISOL				AT FW-LT-1041	1RB279000
FW-V-1530	FW-LT-1041 LO SIDE ISOL				AT FW-LT-1041	1RB279000
FW-V-1531	FW-LT-1042 HI SIDE ISOL				AT FW-LT-1042	1RB279000
FW-V-1532	FW-LT-1042 LO SIDE ISOL				AT FW-LT-1042	1RB279000
FW-V-1533	FW-LT-1043 HI SIDE ISOL				AT FW-LT-1043	1RB279000
FW-V-1534	FW-LT-1044 HI SIDE ISOL				AT FW-LT-1044	1RB279000
FW-V-1535	FW-LT-1050 HI SIDE ISOL				AT FW-LT-1050	1RB279000
FW-V-1536	FW-LT-1050 LO SIDE ISOL				AT FW-LT-1050	1RB279000
FW-V-1537	FW-LT-1048 LO SIDE ISOL				AT FW-LT-1048	1RB279000
FW-V-1538	FW-LT-1049 HI SIDE ISOL				AT FW-LT-1049	1RB279000
FW-V-1539	FW-LT-1049 LO SIDE ISOL				AT FW-LT-1049	1RB279000
FW-V-1540	FW-LT-1051 HI SIDE ISOL				AT FW-LT-1051	1RB279000
FW-V-1541	FW-LT-1051 LO SIDE ISOL				AT FW-LT-1051	1RB279000
FW-V-1542	FW-LT-1055 LO SIDE ISOL				AT FW-LT-1055	1RB279000
FW-V-1543	FW-LT-1043 LO SIDE ISOL				AT FW-LT-1043	1RB279000
FW-V-1544	FW-LT-1053 HI SIDE ISOL				AT FW-LT-1053	1RB279000
FW-V-1549	HIGH SIDE VENT VALVE FOR FW-LT-1055				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1550	LOW SIDE VENT VALVE FOR FW-LT-1055				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1551	HIGH SIDE VENT VALVE FOR FW-LT-1042				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1552	LOW SIDE VENT VALVE FOR FW-LT-1042				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1553	HIGH SIDE VENT VALVE FOR FW-LT-1043				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1554	LOW SIDE VENT VALVE FOR FW-LT-1043				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1555	HIGH SIDE VENT VALVE FOR FW-LT-1051				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1556	LOW SIDE VENT VALVE FOR FW-LT-1051				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1557	HIGH SIDE VENT VALVE FOR FW-LT-1050				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1558	LOW SIDE VENT VALVE FOR FW-LT-1050				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1559	HIGH SIDE VENT VALVE FOR FW-LT-1047				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1560	LOW SIDE VENT VALVE FOR FW-LT-1047				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1561	HIGH SIDE VENT VALVE FOR FW-LT-1046				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1562	LOW SIDE VENT VALVE FOR FW-LT-1046				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1563	HIGH SIDE VENT VALVE FOR FW-LT-1054				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1564	LOW SIDE VENT VALVE FOR FW-LT-1054				LOCATED AT TRANSMITTER IN REACTOR BLDG	1RB279000
FW-V-1566	FW-LT-1040 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 0	1RB279000
FW-V-1567	FW-LT-1040 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 0	1RB279000
FW-V-1568	FW-LT-1041 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 1	1RB279000
FW-V-1569	FW-LT-1041 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 1	1RB279000
FW-V-1570	FW-LT-1044 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 4	1RB279000
FW-V-1571	FW-LT-1044 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 4	1RB279000
FW-V-1572	FW-LT-1045 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 5	1RB279000
FW-V-1573	FW-LT-1045 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 5	1RB279000
FW-V-1574	FW-LT-1048 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 8	1RB279000
FW-V-1575	FW-LT-1048 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 8	1RB279000
FW-V-1576	FW-LT-1049 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 9	1RB279000
FW-V-1577	FW-LT-1049 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-104 9	1RB279000
FW-V-1578	FW-LT-1052 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-105 2	1RB279000
FW-V-1579	FW-LT-1052 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-105 2	1RB279000
FW-V-1580	FW-LT-1053 LOW SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-105 3	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
FW-V-1581	FW-LT-1053 HIGH SIDE VENT VALVE				RX BLDG, 281' ELEV, JUST ABOVE FW-LT-1053	1RB279000
FW-V-16A	FW-V-16A INSTRUMENTATION SUPPORT RACK				25' SW OF FW-P-1B BY FW-REG VALVE	1TB322200
FW-V-16A1	A FW START UP CONTROL VALVE ACTUATOR				25' SW OF FW-P-1B ON FW REG VLV HDR 7' UP	1TB322200
FW-V-16A-SV1	FW-V-16A HSPS CLOSURE SOLENOID VALVE				TB 322 ELEV, ON FW-V-16A VALVE STAND, EA ST OF FW-V-16A	1TB322200
FW-V-16A-SV2	FW-V-16A HSPS CLOSURE SOLENOID VALVE				TB 322 ELEV, ON FW-V-16A VALVE STAND, EA ST OF FW-V-16A	1TB322200
FW-V-16A-VB1	FW-V-16A VOLUME BOOSTER				TB 322 ELEV, ON FW-V-16A VALVE STAND, EA ST OF FW-V-16A	1TB322200
FW-V-16B	FW-V-16B CONTROL RACK				'C' CUBICLE E WALL 6'	1IB322200
FW-V-16B1	B FW START UP CONTROL VALVE ACTUATOR 1				'C' CUBICLE E WALL 6' OFF FLR	1IB322200
FW-V-16B-SV1	FW-V-16B HSPS CLOSURE SOLENOID VALVE				IB322 IN C MS CUBE, ON FW-V-16B V ALVE STAND, W OF FW-V-16B	1IB322200
FW-V-16B-SV2	FW-V-16B HSPS CLOSURE SOLENOID VALVE				IB322 IN C MS CUBE, ON FW-V-16B V ALVE STAND, W OF FW-V-16B	1IB322200
FW-V-16B-VB1	FW-V-16B VOLUME BOOSTER				IB322 IN C MS CUBE, ON FW-V-16B V ALVE STAND, W OF FW-V-16B	1IB322200
FW-V-17A	FW-V-17A CONTROL RACK				25'SW OF FW-P-1B BY FW REG VLV	1TB322200
FW-V-17A-SV1	FW-V-17A HSPS CLOSURE SOLENOID VALVE				ON FW-V-17A VALVE STAND, WE ST OF FW-V-17A, BEHIND I-BEAM	1TB322200
FW-V-17A-SV2	FW-V-17A HSPS CLOSURE SOLENOID VALVE				ON FW-V-17A VALVE STAND, WE ST OF FW-V-17A, BEHIND I-BEAM	1TB322200
FW-V-17B	FW-V-17B CONTROL RACK				E WALL CUBICLE 'C'	1IB322200
FW-V-17B-SV1	FW-V-17B HSPS CLOSURE SOLENOID VALVE				IB322 IN C MS CUBE, ON FW-V-17B V ALVE STAND, W OF FW-V-17B	1IB322200
FW-V-17B-SV2	FW-V-17B HSPS CLOSURE SOLENOID VALVE				IB322 IN C MS CUBE, ON FW-V-17B V ALVE STAND, W OF FW-V-17B	1IB322200
FW-V-51	FW TO B OTSG HEADER VENT				INT BLDG 2ND FLOOR 'C' CUBICLE E WALL S END 3' OFF FLOOR	1IB322200
FW-V-53A	FW TO A OTSG DRAIN ISOL				SOUTH END OF 'A' FW REG VALVE HDR 1' OFF FLOOR	1TB322200
FW-V-53B	FW TO B OTSG DRAIN ISOL				RB BASEMENT ABOVE AHE 4'S ON FW LINE	1RB279000
FW-V-55A	FW TO A OTSG VENT ISOL				15FT S ELEV 12FT ABV FLR WHERE FW LINE ENTERS OUTER D-RING WALL	1RB346200
FW-V-55B	FW TO B OTSG VENT ISOL				W STRS MIDWAY BTWN 1ST FLR & OPER FLRS WHERE FW LINE ENTS D-RING	1RB308100
FW-V-57A	FW TO A OTSG DRAIN ISOL				RB ON MAIN FW ANNULUS 7' FROM OTSG 'A' INSIDE D-RING	1RBDR 515
FW-V-57B	FW TO B OTSG DRAIN ISOL				RB ON MAIN FW ANNULUS 7' FROM OTSG 'B' INSIDE D-RING	1RBDR 520
GN-Y-1-BK	1A ES MCC UNIT 6D				CONTROL TWR 322- 1P SWGR ROOM	1CB322200
H-8R	DIESEL GEN CONTROL RM "B" RED HANDSET	DGB	305	DIESEL GEN CONTROL RM "B"		
H-9R	RED PAGING SYSTEM (1 CHANNEL) H-9R	IB	295	IN HALLWAY OUTSIDE IA-P-1B CUB		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
HC-V-1012A	ATC PANEL ISOLATION VALVE @ AH-E-15A				INSIDE JOHNSON CONTROL CABINET FOR AH-E-15A	1AB305130
HC-V-1012B	ATC PANEL ISOLATION VALVE @ AH-E-15B				INSIDE JOHNSON CONTROL CABINET FOR AH-E-15B	1AB305130
HM-AE-42A/P-BK	1A ES MCC UNIT 5CL:CH A H2 MONITOR PUMP				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
HM-AE-42A-BK2	H2 MON LOCAL 110V CKT BREAKER (ON/OFF)				322' INT BLDG INSIDE BACK OF A H2 MONITOR CAB	1IB322200
HM-AE-42B/P-BK	1B ES MCC UNIT 1EL : CH B H2 MONITOR PU				CONTROL TWR 322: 1S SWGR ROOM	
HM-AE-42B-BK2	H2 MON LOCAL 110V CKT BREAKER (ON/OFF)				IB BSMT INSIDE BACK OF B H2 MONITOR CAB	1IB295000
HM-V-103A-BK1	VBA SW 14: HM-V-103A/104A/105A/BS-PT-282				322' CB	
HM-V-103B-BK1	VBB SW25: HM-V-103B/104B/105B/RPS-NI-12A				CB 322' IN B DC SWGR RM	
HM-V-17A	LLRT/LRT TEST CONNECTION				IN PP-T-1A RM, SE CORNER, 10FT UP, JUST DOWNSTRM OF HM-V-1A	1IB322200
HM-V-17B	LLRT/LRT TEST CONNECTION				IB, 295 ELEV, IN EF-P-2B RM, 1 FRM S WALL, 3 FRM E WALL, 20 UP	1IB295000
HM-V-18A	LLRT/LRT TEST CONNECTION				IN PP-T-1A RM, SE CORNER, 10FT UP, JUST UPSTREAM OF HM-V-2A	1IB322200
HM-V-18B	LLRT/LRT TEST CONNECTION				IB, 295 ELEV, IN EF-P-2B RM, 1 FRM S WALL, 3 FRM E WALL, 20 UP	1IB295000
HM-V-1A	CONTAINMENT ISOLATION A H2 MONITOR OUTLET VLVOP				PENETR 420S EL 330 AT 315 DEG	
HM-V-1A	A H2 MONITOR OUTLET CONTAINMENT ISOL.				IB 322' PP-T-1A RM. SE CORNER 10' HIGH	1IB322200
HM-V-1A	(UNIT 14) HM-SV-1A/2A/3A & BS-PT-282				A INVERTER RM VBA 120V DP 14	
HM-V-1A-BK1	1E ES DC SW#14 (HM-V-1A, 2A, 3A, 4A)				322'CB IN A DC SWGR ROOM	1CB322200
HM-V-1B	CONTAINMENT ISOLATION B H2 MONITOR OUTLET VLVOP				PENETR 420S EL 330 AT 315 DEG	
HM-V-1B	B H2 MONITOR OUTLET CONTAINMENT ISOL				IB 280 EF-P-2B RM. 1 FROM SOUTH WALL, 3 FROM EAST WALL, 20 HIGH	1IB295000
HM-V-1B	(UNIT 25)HM-SV-1B/2B/3B CKTBRK				IN 'B' DC SWGR RM	
HM-V-1B-BK1	1F ES DC SW# 15: (HM-V-1B, 2B, 3B, 4B)				322' CB IN B DC SWGR ROOM	1CB322200
HM-V-2A	A H2 MONITOR INLET CONTAINMENT ISOL				IB 322' PP-T-1A RM. SE CORNER 10' HIGH	1IB322200
HM-V-2B	B H2 MONITOR INLET CONTAINMENT ISOL				IB 280 EF-P-2B RM. 2 FROM SOUTH WALL, 3 FROM EAST WALL, 20 HIGH	1IB295000
HM-V-3A	A H2 MONITOR OUTLET CONTAINMENT ISOL				RB 308', 25' ABOVE FLOOR TO RIGHT OF AH-V-1C	1RB308100
HM-V-3B	B H2 MONITOR OUTLET CONTAINMENT ISOL				RB 308' NE WALL 3' ABOVE FLOOR UNDER EFV PENE.	1RB308100
HM-V-4A	A H2 MONITOR OUTLET CONTAINMENT ISOL				RB 308', 25' ABOVE FLOOR TO RT. OF AH-V-1C	1RB308100
HM-V-4B	B H2 MONITOR OUTLET CONTAINMENT ISOL				RB 308' NE WALL 3' ABOVE FLOOR, BELOW EF V PENE.	1RB308100
HP-V-1	CONTAINMENT ISOLATION - H2 PURGE LINE ISOL VALVE				322' TB WEST AT RB WALL 30' UP LADDER	1TB322200
HP-V-10	HP-FI-284 DOWNSTREAM ISOLATION VLV				322' TB WEST AT RB WALL BEHIND 1F 480V BUS	1TB322200
HP-V-2	HP-FI-284 ROOT ISOLATION VALVE				322' TB WEST AT RB WALL 2' OFF FLOOR	1TB322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
HP-V-3	HP-FI-283 ROOT ISOLATION VALVE				322' TB WEST AT RB WALL 3' OFF FLOOR	1TB322200
HP-V-4	HP-FI-282 UPSTREAM ISOLATION VLV				322' TB WEST AT RB WALL 3' OFF FLOOR	1TB322200
HP-V-5	HP-FI-282 DOWNSTREAM ISOLATION VLV				322' TB WEST AT RB WALL 7' OFF FLOOR	1TB322200
HP-V-6	CONTAINMENT ISOLATION - H2 PURGE LINE ISOL VALVE				322' TB WEST AT RB WALL BEHIND 1F 480V BUS	1TB322200
HP-V-7	H2 PURGE LINE TEST CONNECT ISOLATION VLV				322' TB WEST AT RB WALL BEHIND 1F 480V BUS	1TB322200
HP-V-8	H2 PURGE LINE TEST CONNECT ISOLATION VLV				322' TB WEST AT RB WALL BEHIND 1F 480V BUS	1TB322200
HP-V-9	HP-FI-284 UPSTREAM ISOLATION VLV				322' TB WEST AT RB WALL BEHIND 1F 480V BUS	1TB322200
HR-R-1A	HYDROGEN RECOMBINER A PROCESS BLOWER				COLUMN(H+90)2 WEST SIDE 12' UP S DOOR	
HR-R-1A/A	HYDROGEN RECOMBINER A COOLING FAN				COLUMN(H+90)2 WEST SIDE 12' UP S DOOR	
HR-R-1A/DIS	HR-R-1A POWER CABLE DISCONNECT				AT HR-R-1A CONTROL CABINET	1B305100
HR-R-1A-BK1	1A ES MCC UNIT 5CR: HR-R-1A RECEPTACLE				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
HR-R-1B	HYDROGEN RECOMBINER B PROCESS BLOWER				COLUMN(H+90)2 WEST SIDE 12' UP N DOOR	
HR-R-1B/A	HYDROGEN RECOMBINER B COOLING FAN				COLUMN(H+90)2 WEST SIDE 12' UP N DOOR	
HR-R-1B/DIS	HR-R-1B POWER CABLE DISCONNECT				AT HR-R-1B CONTROL CABINET	1B305100
HR-R-1B-BK1	1B ES MCC UNIT 7AR: HR-R-1B RECEPTACLE				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
HR-V-1	HR-FT-1 LO SIDE ISOL VALVE				NORTH OF HR-R-1A 6' IN AIR	
HR-V-1001A	HR-FT-1A LO SIDE ISOL VALVE				N OF HR-R-1A 6' UP	
HR-V-1001B	HR-FT-1B LO SIDE ISOL VALVE				N OF HR-R-1B 6' UP	
HR-V-1002A	HR-FT-1A HI SIDE ISOL VALVE				N OF HR-R-1A 6' UP	
HR-V-1002B	HR-FT-1B HI SIDE ISOL VALVE				E OF HR-R-1B 6' UP	
HR-V-11	HR-R-1A OUTLET TEST CONNECT ISOL				1B 305', 4' NORTH OF HR-V-1A, 7' ABOVE FLOOR	1B305100
HR-V-13	HR-R-1B MAIN INLET ISOLATION				1B 305', 4' NORTHEAST OF HR-R-1B, 10' ABOVE FLOOR	1B305100
HR-V-14	HR-R-1B MAIN OUTLET ISOLATION				1B 305', 4' NORTHEAST OF HR-R-1B, 10' ABOVE FLOOR	1B305100
HR-V-15	HR-R-1B INLET TEST CONNECT ISOLATION				1B 305', NORTHEAST OF HR-R-1B 3' ABOVE FLOOR	1B305100
HR-V-17	HR-R-1B OUTLET TEST CONNECT ISOL				1B 305', EAST OF HR-R-1B 3' ABOVE FLOOR	1B305100
HR-V-20	HR-R-1A MAIN OUTLET ISOLATION				1B 305', NORTH OF HR-R-1A 4', 5' ABOVE FLOOR	1B305100
HR-V-21	HR-R-1A MAIN INLET ISOLATION				1B 305', NORTH OF HR-R-1A, 5' ABOVE FLOOR	1B305100
HR-V-22A	CONTAINMENT ISOLATION - RB EXHAUST TO H2 RECOMB ISOL				10FT FRM OUTSIDE WALL, 15FT RIGHT OF RB EQUIP HATCH, 3FT ABV FLR	1RB308100
HR-V-22A-BK	1E ES DC SW #12 (HR-V-22A/23A BREAKER)				CONTROL BLDG 322' IN A DC SWGR ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
HR-V-22B	CONTAINMENT ISOLATION - RB EXHAUST TO H2 RECOMB ISOL				10FT FRM OUTSIDE WALL,15FT RIGHT OF RB EQUIP HATCH,3FT ABV FLR	1RB308100
HR-V-22B-BK	1F ES DC SW #2: (HR-V-22B/23B BREAKER)				CONTROL BLDG 322' IN B DC SWGR ROOM	1CB322200
HR-V-23A	CONTAINMENT ISOLATION - H2 RECOMBINERS RETURN ISOL				10FT FRM OUTSIDE WALL,15FT RIGHT OF RB EQUIP HATCH,3FT ABV FLR	1RB308100
HR-V-23B	CONTAINMENT ISOLATION - H2 RECOMBINERS RETURN ISOL				10FT FRM OUTSIDE WALL,15FT RIGHT OF RB EQUIP HATCH,3FT ABV FLR	1RB308100
HR-V-2A	CONTAINMENT ISOLATION - HR-R-1A/B SUPPLY RB ISOLATION				IB 305', SW ROOM OF IB, ON EAST WALL 8' OFF FLOOR	1B305100
HR-V-2B	CONTAINMENT ISOLATION - HR-R-1A/B SUPPLY RB ISOLATION				IB 305', SW ROOM OF IB, ON EAST WALL 8' OFF FLOOR	1B305100
HR-V-4A	CONTAINMENT ISOLATION - HR-R-1A/B RETURN RB ISOLATION				IB 305', SW ROOM OF IB, ON EAST WALL 8' OFF FLOOR	1B305100
HR-V-4B	CONTAINMENT ISOLATION - HR-R-1A/B RETURN RB ISOLATION				IB 305', SW ROOM OF IB, ON EAST WALL 8' OFF FLOOR	1B305100
HR-V-5	HR-R-1A/B RETURN LINE TEST ISOL				305' IB SW ROOM ON WALL 7' OFF FLOOR	1B305100
HR-V-7	HR-R-1A/B SUPPLY LINE TEST ISOL				IB 305', SW ROOM ON EAST WALL 6' OFF FLOOR	1B305100
HR-V-9	HR-R-1A INLET TEST CONNECT ISOLATION				IB 305', NORTH OF HR-R-1A, 7' ABOVE FLOOR	1B305100
HSPS-CAB-A1	HSPS TRAIN A CHANNEL 1 CABINET (RED)	CB	338-6	PATIO AREA		
HSPS-CAB-A1-R1	HSPS TRN A CH 1 RACK 1 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R2	HSPS TRN A CH 1 RACK 2 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R3	HSPS TRN A CH 1 RACK 3 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R4	HSPS TRN A CH 1 RACK 4 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R5	HSPS TRN A CH 1 RACK 5 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R6	HSPS TRN A CH 1 RACK 6 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A1-R7	HSPS TRN A CH 1 RACK 7 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2	HSPS TRAIN B CHANNEL 2 CABINET (GREEN)	CB	338-6	PATIO AREA		
HSPS-CAB-A2-R1	HSPS TRN A CH 2 RACK 1 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2-R2	HSPS TRN A CH 2 RACK 2 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2-R3	HSPS TRN A CH 2 RACK 3 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2-R4	HSPS TRN A CH 2 RACK 4 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2-R5	HSPS TRN A CH 2 RACK 5 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A2-R6	HSPS TRN A CH 2 RACK 6 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A3	HSPS CHANNEL 3 CABINET (YELLOW)	CB	338-6	PATIO AREA		
HSPS-CAB-A3-R1	HSPS TRN A CH 3 RACK 1 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A3-R2	HSPS TRN A CH 3 RACK 2 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A3-R3	HSPS TRN A CH 3 RACK 3 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A4	HSPS CHANNEL 4 CABINET (BLUE)	CB	338-6	PATIO AREA		
HSPS-CAB-A4-R1	HSPS TRN A CH 4 RACK 1 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A4-R2	HSPS TRN A CH 4 RACK 2 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CAB-A4-R3	HSPS TRN A CH 4 RACK 3 ATWS DVSTY				SOUTH SIDE PATIO	
HSPS-CH-1	HSPS CHANNEL 1				CONTROL TWR 338: PATIO	1CB338300
HSPS-CH-1-BK1	HSPS CH 1 RK2 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 1 UNIT	1CB338300

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
HSPS-CH-1-BK2	HSPS CH 1 RK3 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 1 UNIT	1CB338300
HSPS-CH-2	HSPS CHANNEL 2				CONTROL TWR 338: PATIO	1CB338300
HSPS-CH-2-BK1	HSPS CH 2 RK2 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 2 UNIT	1CB338300
HSPS-CH-2-BK2	HSPS CH 2 RK3 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 2 UNIT	1CB338300
HSPS-CH-3	HSPS CHANNEL 3				CONTROL TWR 338: PATIO	1CB338300
HSPS-CH-3-BK1	VBC SW# 16: HSPS CHANNEL 3				CONTROL TWR 322: A INVERTER ROOM:VBC 120 VAC PANEL UNIT 16	1CB322200
HSPS-CH-3-BK2	HSPS CH 3 RK2 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 3 UNIT	1CB338300
HSPS-CH-3-BK3	HSPS CH 3 RK3 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 3 UNIT	1CB338300
HSPS-CH-4	HSPS CHANNEL 4				CONTROL TWR 338: PATIO	1CB338300
HSPS-CH-4-BK1	VBD SW# 20: HSPS CHANNEL 4				CONTROL TWR 322: B INVERTER ROOM:VBD 120 VAC PANEL UNIT 20	1CB322200
HSPS-CH-4-BK2	HSPS CH 4 RK2 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 4 UNIT	1CB338300
HSPS-CH-4-BK3	HSPS CH 4 RK3 120 VAC "LINE" BREAKER				CONTROL TWR 338: PATIO:HSPS CHANNEL 4 UNIT	1CB338300
HSPS-CH-A-BK1	VBA SW# 8 : HSPS CHAN 1 & TRAIN A				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 8	1CB322200
HSPS-CH-A-BK2	VBA SW# 11: HSPS CHAN 1 & TRAIN A				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 11	1CB322200
HSPS-CH-B-BK1	VBB SW# 20: HSPS CHAN 2 & TRAIN B				CONTROL TWR 322: B INVERTER ROOM:VBB 120 VAC PANEL UNIT 20	1CB322200
HSPS-CH-B-BK2	VBB SW# 26: HSPS CHAN 2 & TRAIN B				CONTROL TWR 322: B INVERTER ROOM:VBB 120 VAC PANEL UNIT 26	1CB322200
HSPS-TR-A/B-BK1	D-16 SW# 4: HSPS (BACKUP TRAIN PWR)				CONTROL TWR 355: I&C SHOP N WALL-D-16 120/240 VAC PANEL UNIT 4	
HSPS-TR-A-BK1	HSPS TRAIN A RK 4 120 VAC "LINE" BKR				CONTROL TWR 338: PATIO:HSPS TRAIN A UNIT	1CB338300
HSPS-TR-A-BK2	HSPS TRAIN A RK 5 120 VAC "LINE" BKR				CONTROL TWR 338: PATIO:HSPS TRAIN A UNIT	1CB338300
HSPS-TR-A-BK3	HSPS TRAIN A 24VDC BACKUP BREAKER				CONTROL TWR 338: PATIO:HSPS TRAIN A UNIT	1CB338300
HSPS-TR-A-BK4	VBA SW# 19 : EFW ACT LOGIC IN XCC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
HSPS-TR-B-BK1	HSPS TRAIN B RK 4 120 VAC "LINE" BKR				CONTROL TWR 338: PATIO:HSPS TRAIN B UNIT	1CB338300
HSPS-TR-B-BK2	HSPS TRAIN B RK 5 120 VAC "LINE" BKR				CONTROL TWR 338: PATIO:HSPS TRAIN B UNIT	1CB338300
HSPS-TR-B-BK3	HSPS TRAIN B 24VDC BACKUP BREAKER				CONTROL TWR 338: PATIO:HSPS TRAIN B UNIT	1CB338300
HSPS-TR-B-BK4	VBB SW# 24: EFW ACT LOGIC IN XCL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
HT-BS-T2A-BK	1A ESV 480V MCC UNIT 1DR: BS-T-2 HEAT TRACE				AUX BLDG 305' ROOM NORTH OF RADWASTE PNL	1AB305100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
HT-BS-T2B-BK	1B ESV MCC UNIT 10BR: BS-T-2B HEAT TRACE				AUX BLDG 305' ROOM NORTH OF RADWASTE PNL	1AB305100
HT-PNL-2A/1-BK	1A ESV MCC UNIT 10ER:HEAT TRACE PNL 2A-1				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	
HT-PNL-2A-BK	1A ESV MCC UNIT 10CL: HEAT TRACE PNL 2A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-2B/1-BK	1B ESV MCC UNIT 10AR: HEAT TRACE PNL 2B-1				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-2B-BK	1B ESV MCC UNIT 10CL:HEAT TRACE PNL 2B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-3A/1-BK	1A ESV MCC UNIT 6BL: HEAT TRACE PNL 3A-1				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305100
HT-PNL-3A/2-BK	1A ESV MCC UNIT 6BR: HEAT TRACE PNL 3A-2				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305100
HT-PNL-3A-BK	1A ESV MCC UNIT 10CR:HEAT TRACE PNL 3A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-3B/1-BK	1B ESV MCC UNIT 6BL: HEAT TRACE PNL 3B-1				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-3B/2-BK	1B ESV MCC UNIT 6BR: HEAT TRACE PNL 3B-2				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-3B-BK	1B ESV MCC UNIT 10CR:HEAT TRACE PNL 3B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-4A-BK	1A ES VALVES MCC UNIT 10AL: HT PNLS 4A,7A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
HT-PNL-4B-BK	1B ES VALVES MCC UNIT 10AL: HT PNLS 4B,7B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
I&C-CWL-C-BK1	VBC SW# 20: CONTAINMENT WTR LVL CAB C				CONTROL TWR 322: A INVERTER ROOM	1CB322200
I&C-CWL-D-BK1	VBD SW# 7: CONT WTR LVL CAB D & PORV ACC				CONTROL TWR 322: B INVERTER ROOM	1CB322200
I&C-FXB-1-BK1	VBA SW# 7 : FOXBORO PWR SUP CABINET #1				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 7	1CB322200
I&C-FXB-2-BK1	VBB SW# 7 : FOXBORO PWR SUP CABINET #2				CONTROL TWR 322: B INVERTER ROOM:VBB 120 VAC PANEL UNIT 7	1CB322200
I&C-PC-BK1	VBC SW# 4 : BACKUP INCORE RECORDERS PC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
I&C-PCL-BK3	CT-5 SW# 30 : PANEL PCL RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-PCR-BK1	CT-5 SW# 31 : PANEL PCR RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-PL-BK1	CT-5 SW# 26 : PANEL PL RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-PLF-BK1	CT-5 SW# 28 : PANEL PLF RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-PR-BK1	CT_5 SW# 25 : PANEL PR RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-PRF-BK1	CT-5 SW# 27 : PANEL PRF RECEIPT/FANS				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
I&C-PTC-BK1	CT-E SW# 27 : PATCH PANEL				CONTROL TWR 322: 1S SWGR ROOM ON 1B ES	1CB322200
I&C-SCC-A-3-BK1	VBA SW# 12: SIGNAL COND CAB A3				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 12	1CB322200
I&C-SCC-B-1/2-BK1	VBB SW# 22: SIGNAL COND CAB B1 & B2				CONTROL TWR 322: B INVERTER ROOM:VBB 120 VAC PANEL UNIT 22	
I&C-SCC-B-3-BK1	VBB SW# 27: SIGNAL COND CAB B3				CONTROL TWR 322: A INVERTER ROOM:VBC 120 VAC PANEL UNIT 27	1CB322200
I&C-XCC-BK1	1E ES DC SW#3: RELAY PANEL XCC				CONTROL TWR 322: A INVERTER ROOM	1CB322200
I&C-XCC-BK2	AB-E SW# 9 : RELAY PANEL XCC				AUX BLDG 281: 1C ES VALVES UNIT 6A	1FB281015
I&C-XCC-BK4	CT-5 SW# 17 : RELAY PANEL XCC				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
I&C-XCL-BK1	1F ES DC SW# 3: RELAY PANEL XCL				CONTROL TWR 322: B INVERTER ROOM	1CB322200
I&C-XCR-BK1	AB-E SW# 6 : RELAY PANEL XCR				AUX BLDG 281: 1C ES VALVES UNIT 6A	1FB281015
I&C-XCR-BK2	AB-E SW# 8 : RELAY PANEL XCR				AUX BLDG 281: 1C ES VALVES UNIT 6A	1FB281015
I&C-XCR-BK3	CT-E SW# 17: RELAY PANEL XCR				CONTROL TWR 322: 1S SWGR ROOM ON 1B ES	1CB322200
I&C-XCR-BK4	1M DC SW# 3: RELAY PANEL XCR				CONTROL TWR 322: REMOTE SHUTDOWN AREA	1CB322200
I&C-XPC-BK3	1M DC SW# 4: RELAY PNL XPCR				CONTROL TWR 322: REMOTE SHUTDOWN AREA	1CB322200
I&C-XPL-BK2	CT-E SW# 22 : RELAY PANELS XPL & XCL				CONTROL TWR 322: 1S SWGR ROOM ON 1B ES	1CB322200
I&C-XPL-BK4	1M DC SW# 1 : RELAY PANEL XPL				CONTROL TWR 322: REMOTE SHUTDOWN AREA	1CB322200
IA-P-0002B	BACK-UP INST AIR COMP B	IB	295	W OF IA-P-1B		
IA-P-1A-BK	1A ES MCC UNIT 4B				1A ES MCC CONTROL TOWER 2ND FLOOR IN 1P 480V BUS ROOM	1CB322200
IA-P-1B-BK	1B ES MCC UNIT 5B				CONTROL TOWER, 322' ELEV., 1S 480V BUS ROOM	1CB322200
IA-P-2A-BK	1A ES MCC UNIT 1ER				CONTROL TOWER 2nd FLOOR IN 1P 480v BUS ROOM	1CB322200
IA-P-2B CTRL PNL	IA-P-2B COMPRESSOR LOCAL CONTROLLER	IB	295	ON WALL BY IA-P		
IA-P-2B-BK	1B ES MCC UNIT 4FR				CONTROL TOWER, 322' ELEV., 1S 480v BUS ROOM	1CB322200
IA-PC-1013	PRESSURE CONTROLLER FOR IA-V1621B	DG	305	S WALL NEAR AIR BOTTLE BANKS		
IA-PC-1014	PRESSURE CONTROLLER FOR IA-V1622A	DG	305	S WALL NEAR AIR BOTTLE BANKS		
IA-PS-0966	IA-P-2B PRESSURE SWITCH	IB	295	AT IA-P-2B SKID		
IA-Q-1-BK	1C ES VALVES MCC UNIT 9BR				FH BLDG BASEMENT WEST WALL NEAR SF SUMP	1FB281015
IA-T-0002A	2 HR AIR BOTTLE TO A TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0002B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0003A	2 HR AIR BOTTLE TO "A" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0003B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0004A	2 HR AIR BOTTLE TO "A" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0004B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0005A	2 HR AIR BOTTLE TO "A" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
IA-T-0005B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0006A	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0006B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0007A	2 HR AIR BOTTLE TO "A" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0007B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG S/E WALL		
IA-T-0008A	2 HR AIR BOTTLE TO "A" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0008B	2 HR AIR BOTTLE TO "B" TRAIN	DG	305	'B' DG BLDG SOUTH EAST WALL		
IA-T-0018	AIR ACCUMULATOR FOR FW-V-16A/17A	IB	322	MTD. ON COL. G1 W. OF FW-V-17A		
IA-T-0019	AIR ACCUMULATOR FOR FW-V-16B/17B	IB	322	ON WALL EAST OF VALVE		
IA-T-18	FW-V-16A/17A VOLUME TANK				TB 322 ELEV. WEST OF FW-V-17A, ON WEST SIDE OF I-BEAM	
IA-T-19	FW-V-16B/17B VOLUME TANK				C MAIN STEAM CUBE, ON WALL E OF (BEHIND) B SIDE FW REG VALVES	
IA-T-23	N MU VLV ALLEY				AIR ACCUMULATOR TANK FOR IC-V-3	1AB281055
IA-T-24	AB305 ELEV 3 1/2 WEST OF RB WALL AGAINST N WALL				AIR ACCUMULATOR TANK FOR IC-V-4	1AB305130
IA-T-25	AT RB WALL 5FT NW OF ESAS CABINETS 5FT ABOVE FLR PENETRATION 334				AIR ACCUMULATOR TANK FOR IC-V-6	1AB305130
IA-T-38	AB 305' END OF WALL AT NORTH OF SEAL INJECTION FILTERS 5' HIGH				AIR ACCUMULATOR TANK FOR MU-V-20	1AB305135
IA-T-39	AB 305' EL CUBICLE BEHIND MU-F-4A/B STATION				AIR ACCUMULATOR TANK FOR MU-V-26	1AB305135
IA-T-40	W STAIRWELL AREA 2' W OF RR-V-5				AIR ACCUMULATOR TANK FOR RR-V-6	1IB295000
IA-T-41	AIR ACCUMULATOR TANK FOR AH-D-16A				AUX BLDG. 305 EL. SOUTH OF DC-P-1B AREA	1AB305100
IA-T-42	AIR ACCUMULATOR TANK FOR AH-D-16B				AUX BLDG 305 ELEV SOUTH OF NS-P-1B	1AB305130
IA-T-43	AIR ACCUMULATOR TANK FOR AH-D-27A				INTERMEDIATE BLDG. ABOVE AH-E-24A	1IB295000
IA-T-44	AIR ACCUMULATOR TANK FOR AH-D-27B				INTERMEDIATE BLDG. ABOVE AH-E-24B	1IB295000
IA-T-47	AIR ACCUMULATOR TANK FOR AH-D-17				DIESEL GEN ROOM A	1DG305100A
IA-T-48	AIR ACCUMULATOR TANK FOR AH-D-18				DIESEL GEN ROOM A	1DG305100A
IA-V-1141	RR-V-6 & RR-PC-7 IA ISOLATION				IB BASEMENT IN ROOM SOUTH OF RR-V-3'S	1IB295000
IA-V-1542	BACKUP IA COMPRESSOR IA-P2B DISCHARGE	IB	295	ON WALL BEHIND IA-P-2B		
IA-V-1543	"B" BACKUP IA SWITCHING VALVE	IB	295	ON WALL BEHIND IA-P-2B		
IA-V-1621A	PRESSURE REGULATING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1621B	PRESSURE REGULATING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1622A	SELF REGULATING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1622B	SELF REGULATING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1624A	PRESSURE RELIEF VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1624B	PRESSURE RELIEF VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1625A	3 WAY SWITCHING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1625B	3 WAY SWITCHING VALVE	DG	305	S WALL NEAR TANKS		
IA-V-1626A	3 WAY SWITCHING VALVE	DG	305	S WALL ABOVE AIR TANKS		
IA-V-1626B	3 WAY SWITCHING VALVE	DG	305	S WALL ABOVE AIR TANKS		
IA-V-2	NS-T-1 PRESSURE REGULATOR				FH BLDG BY NS-T-1 AT SF POOL	1FB348300
IA-V-20	RX BLDG INNER CONTAINMENT IA ISOLATION				RB 308 AT PEN 109 25' N OF ELEV 5' UP	1RB308100
IA-V-2104A	EG-Y-1B FRONT ROOM 1Q 125VDC DP 6				IA-V-26/2104A&B CKT BRKR	1DG305100B

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
IA-V-2208	RR-V-6 SUPPLY FILTER INLET VALVE				IB 281 AT RR-V-6	1IB295000
IA-V-2209	RR-V-6 SUPPLY FILTER OUTLET VALVE				IB 281 AT RR-V-6	1IB295000
IA-V-2210	RR-V-6 SUPPLY FILTER BYPASS VALVE				IB 281 AT RR-V-6	1IB295000
IA-V-2288	IA SUPPLY SOLENOID TO MU-V-20				AB 305' END OF WALL AT NORTH OF SEAL INJECTION FILTERS 5' HIGH	1AB305135
IA-V-2291	MU-V-3 VOLUME BOOSTER INLET PRESS REG VL				AB 281 ON PLATFORM BY MU-V-3	1AB294054
IA-V-2349	FW-V-16A/17A VOLUME TANK INLET CHECK VLV				TB 322 ELEV, WEST OF FW-V-17A, ON WEST SIDE OF I-BEAM	1TB322200
IA-V-2350	FW-V-16B/17B VOLUME TANK INLET CHECK VLV				IB322 C MAIN STEAM CUBE, ON WALL E OF (BEHIND) MFW REG VALVES	1IB322200
IA-V-2351	FW-V-16A/17A VOLUME TANK TO 16A/17A SV1				TURB BUILDING 322 FW-V-16A/17A AREA	1TB322200
IA-V-2353	FW-V-16/17B VOLUME TK TO FW-V-16/17B SV1				C MAIN STEAM CUBE, ON WALL E OF (BEHIND) B SIDE FW REG VALVES @ PENETR 109	1IB322200
IA-V-2367	IA FIELD ISOLATION VALVE(CAPPED)				IN ROOM S. OF RR-V-3'S	
IA-V-2815	NORMAL AIR TO RR-V-6 CHECK VALVE				AT RR-V-6	
IA-V-2825	RR-V-6 IST TEST VALVE				281 EL AB NORTH ON MEZZANINE ON SOUTH END	
IA-V-2828	RCS LETDOWN RB ISOL VALVE MU-V-3 AIR SUPPLY REGULATOR				281 EL AB NORTH ON MEZZANINE SOUTH END	
IA-V-2871	NORMAL MU RB ISOL VALVE MU-V-18 AIR SUPPLY REGULATOR				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	1IB295000
IA-V-2888	AIR SUPPLY CHECK VALVE TO RR-V-6					
IA-V-2890	RR-V-6 INSTR SIGNAL TEST ISOLATION VALVE					1IB295000
IA-V-2891	RR-V-6 IA SUPPLY TEST ISOLATION VALVE					1IB295000
IA-V-2892	RR-V-6 ACTUATOR UNDER PISTON TEST ISOLATION VALVE					1IB295000
IA-V-2893	RR-V-6 FAIL SAFE BOTTLE TEST ISOLATION VALVE					1IB295000
IA-V-2894	RR-V-6 ABOVE ACTUATOR PISTON TEST ISOLATION VALVE					1IB295000
IA-V-2895	RR-V-6 IA SUPPLY UPSTREAM OF IA REG TEST ISOLATION VALVE					1IB295000
IA-V-3	NS-T-1 AIR RELIEF				FH BLDG BY NS-T-1 AT SF POOL	1FB348300
IA-V-6	OUTSIDE CONTAINMENT IA ISOLATION				IB BASEMENT ROOM SOUTH OF IA-P-1A	1IB295000
IC-C-0001A	INTERMEDIATE CLOSED COOLING HEAT EXCHANGER	AB	271	HEAT EXCH VAULT		
IC-C-0001B	INTERMEDIATE CLOSED COOLING HEAT EXCHANGER	AB	271	HEAT EXCH VAULT		
IC-F-0001A	A ICCW FILTER	AB	305	E OF IC-P-1A		
IC-F-0001B	B ICCW FILTER	AB	305	E OF IC-P-1A		
IC-P-0001A	INTERMEDIATE COOLING 'A' PUMP	AB	305	W SIDE COL. LIN		
IC-P-0001B	INTERMEDIATE COOLING 'B' PUMP	AB	305	W SIDE COL LINE		
IC-P-1A-BK	1A ES MCC UNIT 11A					1CB322200
IC-P-1B-BK	1B ES MCC UNIT 10A					1CB322200
ICS CABINET 0	ICS/NNI CAB 0 - MAKEUP SEAL FLOW	CB	338-6	RELAY ROOM SOUTH WALL		
ICS CABINET 1	ICS/NNI CAB 1 - UNIT LOAD DEMAND	CB	338-6	RELAY ROOM SOUTH WALL		
ICS CABINET 10	ICS/NNI CAB 10 - FEED WATER CONTROL	CB	338-6	RELAY ROOM WEST WALL		
ICS CABINET 11	ICS/NNI CAB 11 - SMART AUTOMATIC SIGNAL - SELECTOR CAB	CB	338-6	RELAY ROOM WEST WALL		
ICS CABINET 2	ICS/NNI CAB 2 - INTEGRATED MASTER	CB	338-6	RELAY ROOM SOUTH WALL		
ICS CABINET 3	ICS/NNI CAB 3 - REACTOR CONTROL	CB	338-6	RELAY ROOM SOUTH WALL		
ICS CABINET 8	ICS/NNI CAB 8 - FEED WATER CONTROL	CB	338-6	RELAY ROOM WEST WALL		
ICS CABINET 9	ICS/NNI CAB 9 - FEED WATER CONTROL	CB	338-6	RELAY ROOM WEST WALL		
ICS/NNI AUTO POWER	ICS/NNI POWER AUTO TRANSFER SWTCH 1E INV/TRA	CB	322	INVERTER ROOM A		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
ICS/NNI KNIFE SW	ICS/NNI POWER KNIFE SWITCH ENCLOSURE	CB	322	INVERTER ROOM A		
ICS/NNI PWR MON	ICS/NNI SCS POWER MONITOR CABINET	CB	338-6	RELAY ROOM BY DOOR		
ICS-CAB-1-BK	CT-5 SW# 12 : ICS/NNI CAB 1 RECEPTACLES				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
ICS-CAB-8-BK	CT-5 SW# 13 : ICS/NNI CAB 8 RECEPTACLES				CONTROL TWR 322: 1P SWGR ROOM ON 1A ES	1CB322200
ICS-DAS	(UNIT 17) ICS DAS CKTBK				'B' INVERTER ROOM VBD 120V DP 17	
IC-T-0001	ICCW SURGE TANK	FHB	348	E OF TANK NS-T-1		
IC-T-0002	ICCW CHEM MIX TANK	AB	305	10'S OF IC-P-1B		
IC-V-0001A	LD COOLER 'A' SUPPLY ISOLATION VALVE	RB	281	REAR OF LD COOLER		
IC-V-0001B	LD COOLER 'B' SUPPLY ISOLATION VALVE	RB	281	REAR OF LD COOLER		
IC-V-0002	CONTAINMENT ISOL ICCW COOLANT RETURN VALVE	RB	281	PENETR #302 @ EL 285'-5		
IC-V-0003	CONTAINMENT ISOL ICCW COOLANT RETURN VALVE	AB	281	PEN 302 N OF MU VLV ALLEY 6'UP		
IC-V-0004	CONTAINMENT ISOL IC ISOLATION COOLANT SPRAY	AB	305	IC-F-1A/1B CUBICLE		
IC-V-0006	CONTAINMENT ISOL IC COOLANT SUPPLY TO CRDM'S	AB	305	ON RB WALL ACROSS FROM IC-P-1A		
IC-V-0007A	IC-C-1A SHELL SIDE RELIEF VALVE	AB	271	WEST OF COOLER		
IC-V-0007B	IC-C-1B SHELL SIDE RELIEF VALVE	AB	271	E OF COOLER		
IC-V-0008A	L/D COOLER A ICCW LINE RELIEF	RB	281	S. SIDE L/D CLR RM		
IC-V-0008B	L/D COOLER B ICCW LINE RELIEF	RB	281	S. SIDE L/D CLR RM		
IC-V-0010	RC DRAIN TANK COOLER RELIEF	RB	281	W. SIDE OF RCDT COOLER		
IC-V-0074	IC PUMP DISCHARGE HEADER RECIRC. VALVE	AB	305	N WALL BY IC-P-1A		
IC-V-0076	CRDM COOLING LINE RELIEF	RB	346	W CORNER FUEL TRANS CANAL		
IC-V-0079A	RC PUMP 1A THRML BARRIER COOLER RETURN FLOW CNTRL VLV	RB	308	INTERMEDIATE CU		
IC-V-0079B	RC PUMP 1A THRML BARRIER COOLER RETURN FLOW CNTRL VLV	RB	308	INTERMEDIATE SEAL		
IC-V-0079C	RC PUMP 1A THRML BARRIER COOLER RETURN FLOW CNTRL VLV	RB	308	INTERMEDIATE SEAL		
IC-V-0079D	RC PUMP 1A THRML BARRIER COOLER RETURN FLOW CNTRL VLV	RB	308	INTERMEDIATE UP		
IC-V-0090A	RCP 1A COOLING WATER RELIEF VALVE	RB	308	BY CFT-1A N SIDE OF COLUMN		
IC-V-0090B	RCP 1B COOLING WATER RELIEF VALVE	RB	308	SE STAIRWAY ON S. WALL		
IC-V-0090C	RCP 1C COOLING WATER RELIEF VALVE	RB	308	1' N OF D-RING WALL		
IC-V-0090D	RCP 1D COOLING WATER RELIEF VALVE	RB	308	8" ABOVE FLOOR E OF WALL		
IC-V-100	RB PENET TEST ISOL VALVE FOR IC-V-4				AUX BLDG 305: AT RB PENET 333 (IC-V-4)	1AB305130
IC-V-101	RB PENET TEST ISOL VALVE FOR IC-V-6				AUX BLDG 305: AT RB PENET 333 (IC-V-6)	1AB305130
IC-V-103	CONTAINMENT ISOLATION - PENET 302 TEST ISOL VALVE				PEN 302	
IC-V-16	CONTAINMENT ISOLATION - CRDM COOLING INLET CHK VALVE				BEHIND D SEAL INJ STATION 10 ABV FL 6 N B CF TK PENETRATION 334	1RB308100
IC-V-18	CONTAINMENT ISOL - INTER CLG INLET TO RB CHECK VALVE				6FT N OF D SEAL INJECTION STATIO N 10 ABOVE FLR PENETRATION 333	1RB308100
IC-V-2	INTER CLG FROM RB ISOL VALVE				RB 281 15 S OF W STAIRWAY 3 ABOVE FLR AGAINST CONTAINMENT WALL PENETR.302 @ EL.285-5	1RB279000
IC-V-2	CONTAINMENT ISOLATION ICCW RETURN VALVE OPERATR					
IC-V-2-BK	1B ES VALVES MCC UNIT 5B					1AB305100
IC-V-3	CONTAINMENT ISOLATION ICCW RETURN ISOL VLV SOLD				NORTH OF MAKEUP VALVE ALLEY	1AB294054
IC-V-3	INTER CLG FROM RB ISOL VALVE				GRATING N MU VLV ALLEY, N END OF GRATING 6FT FRM N WALL PENT 302	1AB281055
IC-V-31	CONTAINMENT ISOLATION ICCW RETURN VALVE ACTUATR				PEN 302 N.OF MUV ALLEY N.GRATING 6FT UP	

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
IC-V-4	ICCW TO WDL-C-1:RC-PUMPS:MU-C-1A/B				AB305 ELEV 3 1/2 WEST OF RB WALL AGAINST N WALL 2 1/2 ABOVE FLR	1AB305130
IC-V-4	CONTAINMENT ISOLATION IC ISOL COOL SUP VLV OP				IC-F-1A/1B CUBICLE NORTH WALL	
IC-V-41	IC ISOL COOL SUPPLY VALVE ACTUATOR				IC-F-1A/1B CUBICLE N WALL	
IC-V-55	CRDM DRAIN AND TEST VALVE				BEHND D SEAL INJ STA 7.5FT ABV FL PENT 334 DRAIN DWNSTRM IC-V-16	1RB308100
IC-V-58	IC-V-4 DRAIN OR TEST VALVE				6FT N D SEAL INJ STA,10FT ABV FL@PENT333,DRAIN UPSTRM OF IC-V-16	1RB308100
IC-V-6	INTER CLG TO CRDM ISOL VALVE				AT RB WALL 5FT NW OF ESAS CABINETS 5FT ABOVE FLR PENETRATION 334	1AB305130
IC-V-8	CONTAINMENT ISOLATION IC COOL SUP TO CDRM SOLND				ON VALVE BETWEEN COLS. J/K PEN. 334	1AB305130
IC-V-61	CONTAINMENT ISOLATION CRDM COOL SUP VLV ACTUATR				BETW.COLS.J/K PEN. 334	1AB305130
IC-V-60	RB PENETRATION 302 RELIEF VLV ISOLATION				AB281 6 S OF N WALL AT RB WALL 6 ABOVE FLR PENETRATION 302 DRAIN	1AB281055
IC-V-79A-BK	1A ES VALVES MCC UNIT 3D					1AB305130
IC-V-79B-BK	1B ES VALVES MCC UNIT 3D					1AB305100
IC-V-79C-BK	1A ES VALVES MCC UNIT 7B					1AB305130
IC-V-79D-BK	1B ES VALVES MCC UNIT 5A					1AB305100
IM-SPND-1-52	INCORE DETECTOR ASSEMBLIE S				REACTOR VESSEL INTERNAL	1RB321222
INVERTER 1A	INVERTER 1A E1E15	CB	322	INVERTER ROOM A		
INVERTER 1B	INVERTER 1B E1E16	CB	322	INVERTER ROOM B		
INVERTER 1C	INVERTER 1C E1E17	CB	322	INVERTER ROOM A		
INVERTER 1D	INVERTER 1D E1E18	CB	322	INVERTER ROOM B		
INVERTER 1E	INVERTER 1E E1E19	CB	322	INVERTER ROOM A		
LO-P-5-BK	1A ES MCC UNIT 12E				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
LO-P-6-BK	1C DC SW# 23 :				CONTROL TWR 322: A INVERTER ROOM	1CB322200
LO-P-7A/B-BK	1A ES MCC UNIT 6A				CONTROL TWR 322: 1P SWGR ROOM	
LO-P-7C/D-BK	1A ES MCC UNIT 6B				CONTROL TWR 322: 1P SWGR ROOM	
LO-P-7E/F-BK	1A ES MCC UNIT 6C				CONTROL TWR 322: 1P SWGR ROOM	
LO-P-7G/H-BK	1B ES MCC UNIT 13A				CONTROL TWR 322: 1S SWGR ROOM	
LO-P-7I/J-BK	1B ES MCC UNIT 13B				CONTROL TWR 322: 1S SWGR ROOM	
LO-P-9A-BK	1C DC SW# 17 :				CONTROL TWR 322: A INVERTER ROOM	1CB322200
LR-V-10	LR AIR TO RB DRAIN TEST VALVE				INT BLDG 305' AIR DRYER ROOM EAST WALL 5' ABOVE FLOOR	11B305100
LR-V-2	RB DEPRESSURIZATION ISOLATION VALVE				INT BLDG 305' AIR DRYER ROOM;EAST WALL : 6 FT ABOVE FLOOR	11B305100
LR-V-3	RB DEPRESSURIZATION ISOLATION VALVE				INT BLDG 305' AIR DRYER ROOM;EAST WALL: 6 FT ABOVE FLOOR	11B305100
LWDS	LIQUID WASTE DISPOSAL SYSTEM CONTROL PANEL	CB	355	CONTROL ROOM		
MIS-A-18A	(UNIT 10FL)SH TRASH PIT A				1A ESSH 480V MCC 10FL	
MIS-A-18B	UNIT 10FR)1A ESSH MCC TRASH PIT B HOIST				SOUTH AREA	
MS-HY-0005B	MS-V-4A I/P CONVERTER	1B	295	ON WALL 4' N OV MS-V-4A 8' HI		
MS-HY-0006B	MS-V-4B I/P CONVERTER	1B	295	ON WALL ABV MISSLE SHLD 8' HI		
MS-PC-0005	MAIN STEAM TO EF-P-1 PRESSURE CONTROLLER	1B	295	EF-P-1 RM W WALL 5' UP		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-PT-0950	OTSG "A" STEAM PRESSURE	RB	308	MEZZANINE NEAR "B" MS LINE		
MS-PT-0951	OTSG "B" STEAM PRESSURE	RB	308	"D" MS LINE ACROSS FROM STAIRS		
MS-PT-1180	OTSG "A" STEAM PRESSURE	RB	308	NEAR "A" MS LINE		
MS-PT-1181	"A" OTSG STEAM PRESSURE TRANSMITTER				INT BLDG "A" MS REAR CUBICLE, 5' ABOVE FLOOR	1B322200
MS-PT-1182	"A" OTSG STEAM PRESSURE TRANSMITTER				INT BLDG "B" MS REAR CUBICLE, 5' ABOVE FLOOR	1B322200
MS-PT-1184	OTSG "B" STEAM PRESSURE	RB	308	"C" MS LINE ACROSS FROM STAIRS		
MS-PT-1184	"B" OTSG STEAM PRESSURE TRANSMITTER				305' ELEV RX BLDG, ACROSS FROM WEST STAIR WELL "C" MN STM LINE	1RB308100
MS-PT-1185	"B" OTSG STEAM PRESSURE TRANSMITTER				INT BLDG "C" MS REAR CUBICLE, 5' ABOVE FLOOR	1B322200
MS-PT-204	EF-P-1 INLET STEAM PRESSURE TRANSMITTER				INT BLDG, EF-P-1 RM, WEST WALL, 4' ABOVE FLOOR	1B295000
MS-PT-950	"A" OTSG STEAM PRESSURE TRANSMITTER				322' ELE RX BLD, MEZZANINE AREA, "B" MAIN STM LINE	1RB308100
MS-PT-951	"B" OTSG STEAM PRESSURE TRANSMITTER				305 ELEV RB, ACROSS FROM THE WEST STAIR WELL "D" MN STM LINE	1RB308100
MS-V-0001A	CONT ISOL A OTSG MS ISOL VALVE	IB	355	IN 'A' STEAM RM		
MS-V-0001B	CONT ISOL A OTSG MS ISOL VALVE	IB	355	IN 'B' STEAM RM		
MS-V-0001C	CONT ISOL B OTSG MS ISOL VALVE	IB	355	IN 'C' STEAM RM		
MS-V-0001D	CONT ISOL B OTSG MS ISOL VALVE	IB	355	IN 'D' STEAM RM		
MS-V-0002A	CONT ISOL A OTSG ISOL TO ATMOS	IB	295	EF-P-1 RM ON MS		
MS-V-0002B	CONT ISOL B OTSG ISOL TO ATMOS	IB	295	EF-P-1 RM ON MS		
MS-V-0003A	TURB B/P VALVE A	N/A	N/A	N/A		
MS-V-0003B	TURB B/P VALVE B	N/A	N/A	N/A		
MS-V-0003C	TURB B/P VALVE C	N/A	N/A	N/A		
MS-V-0003D	TURB B/P VALVE D	N/A	N/A	N/A		
MS-V-0003E	TURB B/P VALVE E	N/A	N/A	N/A		
MS-V-0003F	TURB B/P VALVE F	N/A	N/A	N/A		
MS-V-0004A	ATMOSPHERIC DUMP VALVE FOR "A" OTSG	IB	295	EF-P-1 RM ON MS		
MS-V-0004A-ACC	AIR ACCUMULATOR FOR MS-V-0004A	IB	295	AT WALL EAST OF VALVE		
MS-V-0004B	ATMOSPHERIC DUMP VALVE FOR "B" OTSG	IB	295	EF-P-1 RM ON MS		
MS-V-0004B-ACC	AIR ACCUMULATOR FOR MS-V-0004B	IB	295	UNDER MISSILE SHIELD		
MS-V-0005A	MS TO MFP1	TB	355	W OF 6TH STG COLL TANK		
MS-V-0005B	MS TO MFP2	TB	355	W OF 6TH STG COLL TANK		
MS-V-0006	EF-P-1 MS PRESS REG CTRL VALVE	IB	295	EF-P-1 RM 12' U		
MS-V-0007	MAIN STEAM TO GLAND STEAM SYS ISOL VALVE	TB	322	TB NORTH WALL		
MS-V-0008A	MS ISOL TO TURB B/P VALVES	IB	295	EF-P-1 ROOM		
MS-V-0008B	MS ISOL TO TURB B/P VALVES	IB	295	EF-P-1 ROOM		
MS-V-0010A	'A' OTSG TO EF-P-1 JOG/THROTTLE VALVE	IB	295	EF-P-1 RM ON MS		
MS-V-0010A SWITCH	MS-V-10A CONTROL SWITCH (JOG : OPEN/CLOSE)	IB	295	ON E WALL OF EF-P-1 CUBICLE		
MS-V-0010B	'B' OTSG TO EF-P-1 JOG/THROTTLE VALVE	IB	295	EF-P-1 RM ON MS		
MS-V-0010B SWITCH	MS-V-10B CONTROL SWITCH (JOG : OPEN/CLOSE)	IB	295	ON E WALL OF EF-P-1 CUBICLE		
MS-V-0013A	MS TO EF-P-1 FROM 'A' OTSG VALVE	IB	295	EF-P-1 RM ON MS		
MS-V-0013B	MS TO EF-P-1 FROM 'B' OTSG VALVE	IB	295	EF-P-1 RM ON MS		
MS-V-0017A	MAIN STEAM SAFETY	IB	322	IN OVERHEAD A CUBICLE		
MS-V-0017B	MAIN STEAM SAFETY	IB	322	IN OVERHEAD B CUBICLE		
MS-V-0017C	MAIN STEAM SAFETY	IB	322	IN OVERHEAD C CUBICLE		

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-0017D	MAIN STEAM SAFETY	1B	322	IN OVERHEAD D CUBICLE		
MS-V-0018A	MAIN STEAM SAFETY	1B	322	IN OVERHEAD A CUBICLE		
MS-V-0018B	MAIN STEAM SAFETY	1B	322	IN OVERHEAD B CUBICLE		
MS-V-0018C	MAIN STEAM SAFETY	1B	322	IN OVERHEAD C CUBICLE		
MS-V-0018D	MAIN STEAM SAFETY	1B	322	IN OVERHEAD D CUBICLE		
MS-V-0019A	MAIN STEAM SAFETY	1B	322	IN OVERHEAD A CUBICLE		
MS-V-0019B	MAIN STEAM SAFETY	1B	322	IN OVERHEAD B CUBICLE		
MS-V-0019C	MAIN STEAM SAFETY	1B	322	IN OVERHEAD C CUBICLE		
MS-V-0019D	MAIN STEAM SAFETY	1B	322	IN OVERHEAD D CUBICLE		
MS-V-0020A	MAIN STEAM SAFETY	1B	322	IN OVERHEAD A CUBICLE		
MS-V-0020B	MAIN STEAM SAFETY	1B	322	IN OVERHEAD B CUBICLE		
MS-V-0020C	MAIN STEAM SAFETY	1B	322	IN OVERHEAD C CUBICLE		
MS-V-0020D	MAIN STEAM SAFETY	1B	322	IN OVERHEAD D CUBICLE		
MS-V-0021A	MAIN STEAM SAFETY	1B	322	IN OVERHEAD A CUBICLE		
MS-V-0021B	MAIN STEAM SAFETY	1B	322	IN OVERHEAD B CUBICLE		
MS-V-0022A	MAIN STEAM TO EF-P-1 RELIEF VALVE	1B	295	8' ABOVE EF-P-1		
MS-V-0022B	MAIN STEAM TO EF-P-1 RELIEF VALVE	1B	295	8' ABOVE EF-P-1		
MS-V-1020	MS-PC-5, PT-204, PS-364, PI-204A ROOT VALVE				INT BLD, EF-P-1 ROOM, 7' ABOVE EF-P-1, ON STEAM LINE	1B295000
MS-V-1021	MS-PC-5, PT-204, PS-364, PI-204A ROOT VALVE				INT BLD, EF-P-1 ROOM, 7' ABOVE EF-P-1, ON STEAM LINE	1B295000
MS-V-1022	MS-PT-204, PI-204A ISOL VALVE				INT BLD, EF-P-1 ROOM, ON WEST WALL, 4' ABOVE FLOOR	1B295000
MS-V-1023	MS-PC-5 ISOL VALVE				INT BLD, EF-P-1 ROOM, ON WEST WALL, 4' ABOVE FLOOR	1B295000
MS-V-1024	MS-PS-364 ISOL VALVE				INT BLD, EF-P-1 ROOM, ON WEST WALL, 2' ABOVE FLOOR	1B295000
MS-V-1025	MS-PC-5, PT-204, PS-364, PI-204A DRAIN VALVE				INT BLD, EF-P-1 ROOM, ON WEST WALL, 1' ABOVE FLOOR	1B295000
MS-V-1026	MS-PI-21 PRIMARY ROOT ISOL VALVE				INT BLD, EF-P-1 RM, RIGHT OF MS-V-15A, ON MS HDR	1B295000
MS-V-1027	MS-PI-21 SECONDARY ROOT ISOL VALVE				INT BLD, EF-P-1 RM, RIGHT OF MS-V-15A, ON MS HDR	1B295000
MS-V-1028	MS-PI-22 PRIMARY ROOT ISOL VALVE				INT BLD, EF-P-1 RM, RIGHT OF MS-V-15B, ON MS HDR	1B295000
MS-V-1029	MS-PI-22 SECONDARY ROOT ISOL VALVE				INT BLD, EF-P-1 RM, RIGHT OF MS-V-15B, ON MS HDR	1B295000
MS-V-1048	SP6A-PT-2 & MS-PT-1180 ROOT ISOL VLV				RX BLD 329, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, S E	1R8308100
MS-V-1049	SP6A-PT-2 & MS-PT-1180 ROOT ISOL VLV				RX BLD 329, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, S E	1R8308100
MS-V-1050	SP6A-PT-2 & PT-1180 XMTR DRAIN VALVE				RX BLD 322, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, S E	1R8308100
MS-V-1051	SP6A-PT-1 & MS-PT-950 ROOT ISOL VLV				RX BLD 329, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1R8308100
MS-V-1052	SP6A-PT-1 & MS-PT-950 ROOT ISOL VLV				RX BLD 329, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1R8308100
MS-V-1053	SP6A-PT-1 & PT 950 XMTR DRAIN VALVE				RX BLD 323, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1R8308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-1054	SP6A-PT-1 TRANSMITTER ISOL VALVE				RX BLD 328, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1RB308100
MS-V-1055	SP6A-PT-2 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, S E	1RB308100
MS-V-106	EF-P-1 INLET STM LINE DRAIN ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW TURB NEAR GOV. AREA	1B295000
MS-V-1060	SP6B-PT-1 TRANSMITTER ISOL VALVE				RX BLD 305, OUTSIDE "B" D-RING, NORTH WEST, 5' FROM FLOOR	1RB308100
MS-V-1061	SP6B-PT-2 TRANSMITTER ISOL VALVE				RX BLD 305, OUTSIDE "B" D-RING, NORTH WEST, 6' FROM FLOOR	1RB308100
MS-V-1062	SP6B-PT-2 & MS-PT-1184 ROOT ISOL VLV				OUTSIDE B D-RING, W, ON C MS LINE, 25FT FROM FLR, AT WALL	1RB308100
MS-V-1063	SP6B-PT-2 & MS-PT-1184 ROOT ISOL VLV				OUTSIDE B D-RING, W, ON C MS LINE, 25FT FROM FLR, AT WALL	1RB308100
MS-V-1064	SP6B-PT-1 & MS-PT-951 ROOT ISOL VLV				OUTSIDE B D-RING, N W, ON D MS LINE, 25FT FROM FLR, AT WALL	1RB308100
MS-V-1065	SP6B-PT-1 & MS-PT-951 ROOT ISOL VLV				OUTSIDE B D-RING, N W, ON D MS LINE, 25FT FROM FLR, AT WALL	1RB308100
MS-V-1066	SP6B-PT-1 & PT-951 XMTR DRAIN VALVE				RX BLD 305, OUTSIDE "B" D-RING, NORTH WEST, 6" FROM FLR, AT WALL	1RB308100
MS-V-1067	SP6B-PT-2 & PT-1184 XMTR DRAIN VALVE				RX BLD 305, OUTSIDE "B" D-RING, NORTH WEST, 6" FROM FLR, AT WALL	1RB308100
MS-V-107	MS-V-2A BYPASS VALVE				INT BLD, EF-P-1 ROOM, NEXT TO MS-V-2A	1B295000
MS-V-108	MS-V-2B BYPASS VALVE				INT BLD, EF-P-1 ROOM, NEXT TO MS-V-2B	1B295000
MS-V-109	MS-V-8A BYPASS VALVE				INT BLD, EF-P-1 ROOM, NEXT TO MS-V-8A	1B295000
MS-V-10A	"A" OTSG TO EF-P-1 THROTTLE/JOG VALVE				INTERMEDIATE BLD, EF-P-1 RM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR	1B295000
MS-V-10A-BK	"1C" DC PANEL, SW# 1				A DC SWITCH GEAR RM, 2ND FLR OF THE CTRL TWR(A,C & E INVERTER RM)	1TB322200
MS-V-10B	"B" OTSG TO EF-P-1 THROTTLE/JOG VALVE				INTERMEDIATE BLD, EF-P-1 RM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR	1B295000
MS-V-110	MS-V-8B BYPASS VALVE				INT BLD, EF-P-1 ROOM, NEXT TO MS-V-8B	1B295000
MS-V-1102	MS-PT-951 TRANSMITTER ISOL VALVE				RX BLD 305, OUTSIDE "B" D-RING, N WEST AT WALL, 3' FROM FLOOR	1RB308100
MS-V-1103	MS-PT-950 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1RB308100
MS-V-1108	MS-PT-951 TRANSMITTER ISOL VALVE				RX BLD 305, OUTSIDE "B" D-RING, N WEST AT WALL, 3' FROM FLOOR	1RB308100
MS-V-1109	MS-PT-950 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, NE	1RB308100
MS-V-1110	MS-PT-1180 XMTR MANIFOLD ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-1111	MS-PT-1180 XMTR MANIFOLD TEST VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100
MS-V-1112	MS-PT-1180 TRANSMITTER DRAIN VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100
MS-V-1113	MS-PT-1180 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100
MS-V-1114	MS-PT-1181 XMTR MANIFOLD ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1115	MS-PT-1181 XMTR MANIFOLD TEST VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1116	MS-PT-1181 TRANSMITTER DRAIN VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1117	MS-PT-1181 TRANSMITTER ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 4' FROM FLOOR	1B322200
MS-V-1118	MS-PT-1182 XMTR MANIFOLD ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1119	MS-PT-1182 XMTR MANIFOLD TEST VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-111A	MS-PX-792A ISOLATION VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 5' FROM FLOOR	1B322200
MS-V-111B	MS-PX-792B ISOLATION VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 5' FROM FLOOR	1B322200
MS-V-111C	MS-PX-792C ISOLATION VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 5' FROM FLOOR	1B322200
MS-V-111D	MS-PX-792D ISOLATION VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 5' FROM FLOOR	1B322200
MS-V-1120	MS-PT-1182 TRANSMITTER DRAIN VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1121	MS-PT-1182 TRANSMITTER ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1123	MS-PT-1183 XMTR MANIFOLD ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1124	MS-PT-1183 XMTR MANIFOLD TEST VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-1125	MS-PT-1183 TRANSMITTER DRAIN VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1126	MS-PT-1183 TRANSMITTER ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1127	MS-PT-1184 XMTR MANIFOLD ISOL VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, ACROSS FROM W STAIRS	1RB308100
MS-V-1128	MS-PT-1184 XMTR MANIFOLD TEST VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, ACROSS FROM W STAIRS	1RB308100
MS-V-1129	MS-PT-1184 TRANSMITTER DRAIN VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, ACROSS FROM W STAIRS	1RB308100
MS-V-1130	MS-PT-1184 TRANSMITTER ISOL VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, ACROSS FROM W STAIRS	1RB308100
MS-V-1131	MS-PT-1185 XMTR MANIFOLD ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1132	MS-PT-1185 XMTR MANIFOLD TEST VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1133	MS-PT-1185 TRANSMITTER DRAIN VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1134	MS-PT-1185 TRANSMITTER ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 3' FROM FLOOR	1B322200
MS-V-1135	SP6A-PT-2 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100
MS-V-1136	SP6A-PT-1 TRANSMITTER ISOL VALVE				RX BLD 327, MEZZANINE BTWN 1ST & 2ND FL OUTSIDE "A" D-RING, EAST	1RB308100
MS-V-1137	SP6B-PT-2 TRANSMITTER ISOL VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, APPROX 8FT FROM FLR	1RB308100
MS-V-1138	SP6B-PT-1 TRANSMITTER ISOL VALVE				OUTSIDE B D-RING, N W AT D-RING WALL, APPROX 8FT FROM FLR	1RB308100
MS-V-122A	MS-V-4A BELOW SEAT DRAIN VALVE				INT BLD, EF-P-1 RM, NEXT TO MS-V-4A	1B295000
MS-V-122B	MS-V-4B BELOW SEAT DRAIN VALVE				INT BLD, EF-P-1 RM, NEXT TO MS-V-4B	1B295000
MS-V-123	MS-PT-1185 MS LINE ROOT ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 20 FROM FLOOR	1B322200
MS-V-124	MS-PT-1181 MS LINE ROOT ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 20 FROM FLOOR	1B322200
MS-V-125	MS-PT-1182 MS LINE ROOT ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 20 FROM FLOOR	1B322200
MS-V-126	MS-PT-1183 MS LINE ROOT ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 20 FROM FLOOR	1B322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-13A	MS SUPPLY TO EF-P-1 FROM "A" OTSG				INTERMEDIATE BLDG, EF-P-1 RM, ON MS HDR 6' ABOVE FLOOR.	1B295000
MS-V-13A	MAIN STEAM TO EF-P-1 TURBINE BYPASS SOLENOID				IN EF-P-1 ROOM ON EAST WALL	1B295000
MS-V-13A-20	MS-V-13A VALVE ACTUATOR				INTERMEDIATE BLD, EF-P-1 RM, ON MS-V-13A	1B295000
MS-V-13B	MS SUPPLY TO EF-P-1 FROM "B" OTSG				INTERMEDIATE BLDG, EF-P-1 RM, ON MS HDR 6' ABOVE FLOOR	1B295000
MS-V-13B	MAIN STEAM TO EF-P-1 TURBINE BYPASS SOLENOID				IN EF-P-1 ROOM ON EAST WALL	1B295000
MS-V-13B-20	MS-V-13B VALVE ACTUATOR				INTERMEDIATE BLDG, EF-P-1 RM, ON MS HDR 6' ABOVE FLR, ON MS-V-13B	1B295000
MS-V-15A	MS-V-4A ISOL VALVE				INT BLDG, EF-P-1 RM, LEFT OF MS-V-8A, ON MAIN STM HDR	1B295000
MS-V-15B	MS-V-4B ISOL VALVE				INT BLDG, EF-P-1 RM, RIGHT OF MS-V-8B, ON MAIN STM HDR	1B295000
MS-V-17A	CONTAINMENT ISOL - MS-V-17A OTSG-A "A" MS LINE RELIEF				A MS CUBICLE ON MS LINE, 1ST RELIEF VALVE FROM RX BLD	1B322200
MS-V-17B	CONTAINMENT ISOL - MS-V-17B OTSG-A "B" MS LINE RELIEF				B MS CUBICLE ON MS LINE, 1ST RELIEF VALVE FROM RX BLD	1B322200
MS-V-17C	CONTAINMENT ISOL - MS-V-17C OTSG-B "C" MS LINE RELIEF				C MS CUBICLE ON MS LINE, 1ST RELIEF VALVE FROM RX BLD	1B322200
MS-V-17D	CONTAINMENT ISOL - MS-V-17D OTSG-B "D" MS LINE RELIEF				D MS CUBICLE ON MS LINE, 1ST RELIEF VALVE FROM RX BLD	1B322200
MS-V-17S	SPARE M.S. SAFETY VALVE				SPARE RELIEF VALVE	
MS-V-18A	CONTAINMENT ISOL - MS-V-18A OTSG-A "A" MS LINE RELIEF				A MS CUBICLE ON MS LINE, 2ND RELIEF VALVE FROM RX BLD	1B322200
MS-V-18B	CONTAINMENT ISOL - MS-V-18B OTSG-A "B" MS LINE RELIEF				B MS CUBICLE ON MS LINE, 2ND RELIEF VALVE FROM RX BLD	1B322200
MS-V-18C	CONTAINMENT ISOL - MS-V-18C OTSG-B "C" MS LINE RELIEF				C MS CUBICLE ON MS LINE, 2ND RELIEF VALVE FROM RX BLD	1B322200
MS-V-18D	CONTAINMENT ISOL - MS-V-18D OTSG-B "D" MS LINE RELIEF				D MS CUBICLE ON MS LINE, 2ND RELIEF VALVE FROM RX BLD	1B322200
MS-V-19A	CONTAINMENT ISOL - MS-V-19A OTSG-A "A" MS LINE RELIEF				A MS CUBICLE ON MS LINE, 3RD RELIEF VALVE FROM RX BLD	1B322200
MS-V-19B	CONTAINMENT ISOL - MS-V-19B OTSG-A "B" MS LINE RELIEF				B MS CUBICLE ON MS LINE, 3RD RELIEF VALVE FROM RX BLD	1B322200
MS-V-19C	CONTAINMENT ISOL - MS-V-19C OTSG-B "C" MS LINE RELIEF				C MS CUBICLE ON MS LINE, 3RD RELIEF VALVE FROM RX BLD	1B322200
MS-V-19D	CONTAINMENT ISOL - MS-V-19D OTSG-B "D" MS LINE RELIEF				D MS CUBICLE ON MS LINE, 3RD RELIEF VALVE FROM RX BLD	1B322200
MS-V-1A	MS-V-1A STARTUP RELAY CABINET(T-816)				ADJACENT TO MS-V-1A OPERATOR	
MS-V-1A	MAIN STEAM ISOL OF "A" OTSG "A" LINE				3RD FLR INTERMEDIATE BLD, IN "A" STEAM ROOM.	1B355400
MS-V-1A	CONTAINMENT ISOLATION A OTSG MS ISOL VLV OP				IN A STM RM PEN 112	1B355400
MS-V-1A-BK	1C ES VALVES MCC UNIT 13D				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
MS-V-1B	MS-V-1B STARTUP RELAY CABINET(T-817)				ADJACENT TO MS-V-1B OPERATOR	
MS-V-1B	MAIN STEAM ISOL OF "A" OTSG "B" LINE				3RD FLR INTERMEDIATE BLD, IN "B" STEAM ROOM.	1B355400
MS-V-1B	CONTAINMENT ISOLATION A OTSG MS ISOL VLV OP				IN B STM RM PEN 113	1B355400

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-1B-BK	1C ES VALVES MCC UNIT 12C				AUX BLDG 281; NEUTRALIZING TANK AREA	1FB281015
MS-V-1C	MS-V-1C STARTUP RELAY CABINET(T-818)				ADJACENT TO MS-V-1C OPERATOR	
MS-V-1C	MAIN STEAM ISOL OF "B" OTSG "C" LINE				3RD FLR INTERMEDIATE BLD, IN "C" STEAM ROOM.	1B355400
MS-V-1C	CONTAINMENT ISOLATION B OTSG MS ISOL VLV OP				IN C STM RM PEN 114	1B355400
MS-V-1C-BK	1C ES VALVES MCC UNIT 11C				AUX BLDG 281; NEUTRALIZING TANK AREA	1FB281015
MS-V-1D	MS-V-1D STARTUP RELAY CABINET(T-819)				ADJACENT TO MS-V-1D OPERATOR	
MS-V-1D	CONTAINMENT ISOLATION B OTSG MS ISOL VLV OP				IN D STM RM PEN 419	1B355400
MS-V-1D	MAIN STEAM ISOL OF "B" OTSG "D" LINE				3RD FLR INTERMEDIATE BLD, IN "D" STEAM ROOM.	1B355400
MS-V-1D-BK	1C ES VALVES MCC UNIT 12B				AUX BLDG 281; NEUTRALIZING TANK AREA	1FB281015
MS-V-20A	CONTAINMENT ISOL - MS-V-20A OTSG-A "A" MS LINE RELIEF				A MS CUBICLE ON MS LINE, 4TH RELIEF VALVE FROM RX BLD	1B322200
MS-V-20B	CONTAINMENT ISOL - MS-V-20B OTSG-A "B" MS LINE RELIEF				B MS CUBICLE ON MS LINE, 4TH RELIEF VALVE FROM RX BLD	1B322200
MS-V-20C	CONTAINMENT ISOL - MS-V-20C OTSG-B "C" MS LINE RELIEF				C" MS CUBICLE ON MS LINE, 4TH RELIEF VALVE FROM RX BLD	1B322200
MS-V-20D	CONTAINMENT ISOL - MS-V-20D OTSG-B "D" MS LINE RELIEF				D MS CUBICLE ON MS LINE, 4TH RELIEF VALVE FROM RX BLD	1B322200
MS-V-21	SPARE VALVE FOR MS-V-0021 A&B					
MS-V-215A	"A" MS LINE POST HTG RETN ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, NORTH END, 15 FT ABOVE FLR	1B322200
MS-V-215B	"B" MS LINE POST HTG RETN ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, NORTH END, 15 FT ABOVE FLR	1B322200
MS-V-215C	"C" MS LINE POST HTG RETN ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, NORTH END, 15 FT ABOVE FLR	1B322200
MS-V-215D	"D" MS LINE POST HTG RETN ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, NORTH END, 15 FT ABOVE FLR	1B322200
MS-V-21A	CONTAINMENT ISOL - MS-V-21A OTSG-A "A" MS LINE RELIEF				A MS CUBICLE ON MS LINE, 5TH RELIEF VALVE FROM RX BLD	1B322200
MS-V-21B	CONTAINMENT ISOL - B OTSG MS SAFETY VALVE				IN C CUBICLE ON MS LINE	
MS-V-22A	MAIN STEAM TO EF-P-1 SAFTEY RELIEF VALVE				INT BLDG EF-P-1 RM 8' ABOVE EF-P-1 ON WEST WALL	1B295000
MS-V-22B	MAIN STEAM TO EF-P-1 SAFTEY RELIEF VALVE				INT BLDG EF-P-1 RM 8' ABOVE EF-P-1 ON WEST WALL	1B295000
MS-V-23A	"A" OTSG N2 VENT & RECIRC ISOL VALVE				RX BLD, TOP OF "A" OTSG, SOUTH EAST SIDE	1RBDR 515
MS-V-23B	"B" OTSG N2 VENT & RECIRC ISOL VALVE				RX BLD, TOP OF "B" OTSG, NORTH WEST SIDE	1RBDR 520
MS-V-29A	SUPPLY ISOL VALVE FOR MS-ST-1A				INTERMEDIATE BLD 322, "A" MS CUBICLE, 10 ABOVE FLOOR, AT DRN POT	1B322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-29B	SUPPLY ISOL VALVE FOR MS-ST-1B				INTERMEDIATE BLD 322, "B" MS CUBICLE, 10 ABOVE FLOOR, AT DRN POT	11B322200
MS-V-29C	SUPPLY ISOL VALVE FOR MS-ST-1C				INTERMEDIATE BLD 322, "C" MS CUBICLE, 10 ABOVE FLOOR, AT DRN POT	11B322200
MS-V-29D	SUPPLY ISOL VALVE FOR MS-ST-1D				INTERMEDIATE BLD 322, "D" MS CUBICLE, 10 ABOVE FLOOR, AT DRN POT	11B322200
MS-V-2A	"A" OTSG ISOL TO EFP1, TBV & ADV				INTERMEDIATE BLD, EFP1 RM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR.	11B295000
MS-V-2A	CONTAINMENT ISOLATION A OTSG ISOL(EFP1)VLV OP				SE CORNER OF EF-P-1 ROOM EL 298-7	
MS-V-2A-BK	1C ES VALVES MCC UNIT 8D				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
MS-V-2B	"B" OTSG ISOL TO EFP1, TBV & ADV				INTERMEDIATE BLD, EFP1 RM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR.	11B295000
MS-V-2B	CONTAINMENT ISOLATION B OTSG ISOL(EFP1)VLV OP				NE CORNER OF EF-P-1 ROOM EL 298-9	11B295000
MS-V-2B-BK	1C ES VALVES MCC UNIT 10C				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
MS-V-32A	TRAP BYPASS VALVE FOR MS-ST-1A				INTERMEDIATE BLD 322, "A" MS CUBICLE, ON WEST WALL, 4 ABOVE FLR	11B322200
MS-V-32B	TRAP BYPASS VALVE FOR MS-ST-1B				INTERMEDIATE BLD 322, "B" MS CUBICLE, ON WEST WALL, 4 ABOVE FLR	11B322200
MS-V-32C	TRAP BYPASS VALVE FOR MS-ST-1C				INTERMEDIATE BLD 322, "C" MS CUBICLE, ON WEST WALL, 4 ABOVE FLR	11B322200
MS-V-32D	TRAP BYPASS VALVE FOR MS-ST-1D				INTERMEDIATE BLD 322, "D" MS CUBICLE, ON EAST WALL, 4 ABOVE FLR	11B322200
MS-V-33A	INLET ISOL VALVE FOR MS-ST-1A				INTERMEDIATE BLD 322, "A" MS CUBICLE, ON WEST WALL, 4 ABOVE FLR	11B322200
MS-V-33B	INLET ISOL VALVE FOR MS-ST-1B				INTERMEDIATE BLD 322, "B" MS CUBICLE ON WEST WALL, 4 ABOVE FLOOR	11B322200
MS-V-33C	INLET ISOL VALVE FOR MS-ST-1C				INTERMEDIATE BLD 322, "C" MS CUBICLE ON WEST WALL, 4 ABOVE FLOOR	11B322200
MS-V-33D	INLET ISOL VALVE FOR MS-ST-1D				INTERMEDIATE BLD 322, "D" MS CUBICLE ON EAST WALL, 4 ABOVE FLOOR	11B322200
MS-V-40A	MS-ST-4A TRAP SUPPLY ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW MS-V-15A, AT STEAM LINE	11B295000
MS-V-40B	MS-ST-4B TRAP SUPPLY ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW MS-V-15B, AT STEAM LINE	11B295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-41A	MS-ST-4A TRAP BYPASS ISOL VALVE				INT BLD, EF-P-1 ROOM, SOUTH WALL, 8' FROM DOOR, 2' UP	1B295000
MS-V-41B	MS-ST-4B TRAP BYPASS ISOL VALVE				INT BLD, EF-P-1 ROOM, SOUTH WALL, 4' FROM DOOR, 2' UP	1B295000
MS-V-42A	MS-ST-4A TRAP INLET ISOL VALVE				INT BLD, EF-P-1 ROOM, SOUTH WALL, 2' FROM DOOR, 6' UP	1B295000
MS-V-42B	MS-ST-4B TRAP INLET ISOL VALVE				INT BLD, EF-P-1 ROOM, SOUTH WALL, 3' FROM DOOR, 6' UP	1B295000
MS-V-45	MS-ST-4C TRAP SUPPLY ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW MS-V- 10B, 1' FROM FLOOR	1B295000
MS-V-4A	ATMOSPHERIC DUMP VALVE FOR "A" OTSG				INTERMEDIATE BLDG, EF-P-1 RM, ON MAIN STEAM HEADER, 8' ABOVE FLR.	1B295000
MS-V-4B	ATMOSPHERIC DUMP VALVE FOR "B" OTSG				INTERMEDIATE BLDG, EF-P-1 RM, ON MAIN STEAM HEADER, 8' ABOVE FLR.	1B295000
MS-V-53	MAIN STEAM TO EF-P-1 VENT VALVE				INT BLD, EF-P-1 ROOM, 12' ABOVE FLOOR, AT EAST WALL	1B295000
MS-V-58	MS-ST-11 ROOT SUPPLY ISOL VALVE				INT BLD, EF-P-1 ROOM, 6" BELOW MS INLET AT EF-P-1	1B295000
MS-V-59A	"A" OTSG ANNULUS CAVITY DRAIN VALVE				"A" OTSG, NW SIDE, 6' SOUTH OF "A" RCP SHAFT COUPLING	1RBDR 506A
MS-V-59B	"B" OTSG ANNULUS CAVITY DRAIN VALVE				"B" OTSG, SE SIDE, 5' NORTH OF "D" RCP SHAFT COUPLING	1RBDR 506D
MS-V-6	EF-P-1 MN STM PRESSURE REG CONTROL VALVE				INTERMEDIATE BLDG, EF-P-1 RM, 12' ABOVE FLOOR, EAST WALL	1B295000
MS-V-6	EF-P-1 MN STM PRESS REG CONTROL VALVE ACTUATOR				EF-P-1 RM 12' UP @ E WALL	1B295000
MS-V-60A	"A" OTSG ANNULUS CAVITY DRAIN VALVE				"A" OTSG, NE SIDE, 10' EAST OF "B" RCP SHAFT COUPLING	1RBDR 506B
MS-V-60B	"B" OTSG ANNULUS CAVITY DRAIN VALVE				"B" OTSG, NW SIDE, 10' SOUTH OF "C" RCP SHAFT COUPLING	1RBDR 506C
MS-V-6-IND	MS-V-6 POSITION INDICATION				U1 CONTROL ROOM CONSOLE CENTER	1CB355401
MS-V-70A	"A" MS LINE VENT AND N2 INLET ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, S RM, 20 UP, ON STEAM LINE	1B322200
MS-V-70B	"B" MS LINE VENT AND N2 INLET ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, S RM, 20 UP, ON STEAM LINE	1B322200
MS-V-70C	"C" MS LINE VENT AND N2 INLET ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, S RM, 20 UP, ON STEAM LINE	1B322200
MS-V-70D	"D" MS LINE VENT AND N2 INLET ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, S RM, 20 UP, ON STEAM LINE	1B322200
MS-V-73A	"A" OTSG ANNULUS DRAIN ISOL VALVE				"A" OTSG, SE SIDE, 10' EAST OF "B" RCP SHAFT COUPLING	1RBDR 506B
MS-V-73B	"B" OTSG ANNULUS DRAIN ISOL VALVE				"B" OTSG, NW SIDE, 10' SOUTH OF "C" RCP SHAFT COUPLING	1RBDR 506C
MS-V-74A	"A" OTSG ANNULUS DRAIN ISOL VALVE				"A" OTSG, NW SIDE, 6' SOUTH OF "A" RCP SHAFT COUPLING	1RBDR 506A

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-74B	"B" OTSG ANNULUS DRAIN ISOL VALVE				"B" OTSG, NE SIDE, 5' NORTH OF "D" RCP SHAFT COUPLING	1RBDR 506D
MS-V-83A	MS-ST-10A TRAP INLET ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW EF-P-1, NEAR THE FLOOR	1B295000
MS-V-83B	MS-ST-10B TRAP INLET ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW EF-P-1, NEAR THE FLOOR	1B295000
MS-V-83C	MS-ST-10C TRAP INLET ISOL VALVE				INT BLD, EF-P-1 ROOM, BELOW EF-P-1, NEAR THE FLOOR	1B295000
MS-V-85A	"A" MS RV POST HTG & MSPT1181 ISOL VLV				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH ROOM, 20' UP, ON ST	1B322200
MS-V-85B	"B" MS RV POST HTG & MSPT1182 ISOL VLV				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH ROOM, 20' UP, ON ST	1B322200
MS-V-85C	"C" MS RV POST HTG & MSPT1185 ISOL VLV				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH ROOM, 20' UP, ON ST	1B322200
MS-V-85D	"D" MS RV POST HTG & MSPT1183 ISOL VLV				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH ROOM, 20' UP, ON ST	1B322200
MS-V-86A	"A" MS LINE RV POST HTG VENT VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, SOUTH RM, 5 BELOW CEILING	1B322200
MS-V-86B	"B" MS LINE RV POST HTG VENT VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, SOUTH RM, 5 BELOW CEILING	1B322200
MS-V-86C	"C" MS LINE RV POST HTG VENT VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, SOUTH RM, 5 BELOW CEILING	1B322200
MS-V-86D	"D" MS LINE RV POST HTG VENT VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, SOUTH RM, 5 BELOW CEILING	1B322200
MS-V-88A	MS-ST-8A TRAP INLET ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE ON WEST WALL, 2 ABOVE FLOOR	1B322200
MS-V-88B	MS-ST-8B TRAP INLET ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE ON EAST WALL, 2 ABOVE FLOOR	1B322200
MS-V-88C	MS-ST-8C TRAP INLET ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE ON WEST WALL, 2 ABOVE FLOOR	1B322200
MS-V-88D	MS-ST-8D TRAP INLET ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE ON EAST WALL, 2 ABOVE FLOOR	1B322200
MS-V-8A	"A" OTSG TO MS-V-3D, 3E & 3F ISOL VALVE				INTERMEDIATE BLD, EFF1 ROOM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR	1B295000
MS-V-8A-BK	1C ES VALVES MCC UNIT 8A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MS-V-8B	"B" OTSG TO MS-V-3A, 3B & 3C ISOL VALVE				INTERMEDIATE BLD, EFP1 ROOM, ON MAIN STEAM HEADER, 4 ABOVE FLOOR	1B295000
MS-V-8B-BK	1C ES VALVES MCC UNIT 8B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
MS-V-91A	MS-ST-8A TRAP BYPASS ISOL VALVE				INTERMEDIATE BLD 322, "A" MS CUBICLE, ON WEST WALL, 3 FROM FLOOR	1B322200
MS-V-91B	MS-ST-8B TRAP BYPASS ISOL VALVE				INTERMEDIATE BLD 322, "B" MS CUBICLE, ON EAST WALL, 3 FROM FLOOR	1B322200
MS-V-91C	MS-ST-8C TRAP BYPASS ISOL VALVE				INTERMEDIATE BLD 322, "C" MS CUBICLE, ON WEST WALL, 3 FROM FLOOR	1B322200
MS-V-91D	MS-ST-8D TRAP BYPASS ISOL VALVE				INTERMEDIATE BLD 322, "D" MS CUBICLE, ON EAST WALL, 3 FROM FLOOR	1B322200
MS-V-92	MS POST HTG OUTLET TO 2ND STG ISOL VLV				322' TURB BLD, 12' WEST OF FW-P-1B, 8' ABOVE FLOOR	1TB322200
MS-V-9A	"A" MS SUPPLY TO EF-P-1 CHECK VALVE				INTERMEDIATE BLDG, EF-P-1 RM, ON MS HDR 2' ABOVE FLOOR	1B295000
MS-V-9B	"B" MS SUPPLY TO EF-P-1 CHECK VALVE				INTERMEDIATE BLDG, EF-P-1 RM, ON MS HDR 2' ABOVE FLOOR	1B295000
MU12-FT	MAKEUP SYS "BATCH CONTROLLER"				AB 281' DECANT SLURRY PUMP ROOM NORTH WALL CENTER	1AB281070A
MU13-DPT-1	RC-P-1A SEAL NO 1 DELTA PRES XMTR.				RB 305' RC-P-1A SEAL STATION	1RB308100
MU13-DPT-2	RC-P-1B SEAL NO 1 DELTA PRES XMTR.				RC-P-1B SEAL STATION	1RB308100
MU13-DPT-3	RC-P-1C SEAL NO 1 DELTA PRES XMTR.				RB 305' RC-P-1C SEAL STATION	1RB308100
MU13-DPT-4	RC-P-1D SEAL NO 1 DELTA PRES XMTR.				RB 305' RC-P-1D SEAL STATION	1RB308100
MU14-LT	MAKEUP TANK LEVEL TRANSMITTER				AB 281' 2' NORTH OF SF-P-2 4' HIGH	1FB281010
MU16-TE	MAKEUP TANK TEMP TRANSMITTER				AB 281' DECANT SLURRY PUMP RM EAST WALL 3 FROM NORTH WALL 4 HIGH	1AB281070A
MU17-PT	MAKEUP TANK PRESSURE TRANSMITTER				AB 281' 3' NORTH OF SF-P-2, 4' HIGH	1FB281010
MU18-DPT	MU-F-1 A/B DIFF PRESSURE XMTR				AB 281' DECANT SLURRY PUMP RM EAST WALL 3 FROM NORTH WALL 5 HIGH	1AB281070A
MU21FS	(UNIT 12) RCP #1 SEAL BYP FLOW CKTBRK				'B' INVERTER ROOM VBD 120V DP 12	
MU24A-FT	MAKEUP FLOW XMTR (0-100 GPM)				AB 281' WEST WALL 12' NORTH OF SEAL RETURN COOLER 3' HIGH	1FB281010
MU24B-FT	MAKEUP FLOW XMTR (0-500 GPM)				AB 281' WEST WALL 12' NORTH OF SEAL RETURN COOLER 3' HIGH	1FB281010
MU25E/P	E/P FOR MU-V-0017	AB	281	ON WALL ADJACENT TO VALVE		
MU2-PT	MU PUMP DISCHARGE PRESSURE XMTR				AB 281' MU VALVE ALLEY WEST WALL 20' IN	1AB281060
MU40-DPT	SEAL RETURN FILTER DIFF PRESS XMTR				AB 281' WEST WALL SOUTH END OF SEAL RETURN COOLER	1FB281010
MU41-DPT	SEAL INJECTION FILTER DP TRANSMITTER				AB 305 ON WALL BEHIND SEAL INJ FILTERS	1AB305135

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU42-DPT	SEAL INJECTION FLOW TRANSMITTER				AB 281' MU VALVE ALLEY 8' FROM SOUTH WALL EAST WALL 3' HIGH	1AB281060
MU42FE	RC PUMP SEAL INJECTION FLOW ELEMENT				MU VALVE ALLEY	1AB281060
MU4-DPT	RCS LETDOWN FLOW TRANSMITTER				AB 281' MU VALVE ALLEY ,20' INTO ALLEY EAST WALL 4' HIGH	1AB281060
MU5-TE	RCS LETDOWN TEMPERATURE ELEMENT				AB 281' MU VALVE ALLEY ,20' INTO ALLEY EAST WALL 5' HIGH	1AB281060
MU9-FT-1	RC-P-1A SEAL LEAK OFF FLOW ELEMENT (1-8)				RB305' RC-P-1A SEAL STATION	1RB308100
MU9-FT-2	RC-P-1B SEAL LEAK OFF FLOW ELEMENT (1-8)				RB305' RC-P-1B SEAL STATION	1RB308100
MU9-FT-3	RC-P-1C SEAL LEAK OFF FLOW ELEMENT (1-8)				RB305' RC-P-1C SEAL STATION	1RB308100
MU9-FT-4	RC-P-1D SEAL LEAK OFF FLOW ELEMENT (1-8)				RB305' RC-P-1D SEAL STATION	1RB308100
MU-C-1A	LETDOWN COOLER A				RX BLDG 281; LETDOWN COOLER ROOM	1RB279015
MU-C-1B	LETDOWN COOLER B				RX BLDG 281; LETDOWN COOLER ROOM	1RB279015
MU-C-2A	SEAL RETURN COOLER				281 AB 20' NORTH OF SF-P-2	1FB281010
MU-C-2B	SEAL RETURN COOLER				281 AB 20' NORTH OF SF-P-2	1FB281010
MU-C-3A	PUMP & MOTOR LUBE OIL COOLER				MU PUMP SKID	
MU-C-3B	PUMP & MOTOR LUBE OIL COOLER				MU PUMP SKID	
MU-C-3C	PUMP & MOTOR LUBE OIL COOLER				MU PUMP SKID	
MU-C-4A	MU-P-1A MOTOR AIR COOLER				MU PUMP SKID	
MU-C-4B	MU-P-1B MOTOR AIR COOLER				MU PUMP SKID	
MU-C-4C	MU-P-1C MOTOR AIR COOLER				MU PUMP SKID	
MU-C-5A	MU-P-1A GEAR UNIT OIL COOLER				MU PUMP SKID	
MU-C-5B	MU-P-1B GEAR UNIT OIL COOLER				MU PUMP SKID	
MU-C-5C	MU-P-1C GEAR UNIT OIL COOLER				MU PUMP SKID	
MU-DPT-429	MU-K-1 A/B DIFF PRESSURE TRANSMITTER				AB 305' MINI VALVE ALLEY 15' IN NORTH LL 4' HIGH	1AB305145
MU-F-1A	LETDOWN FILTER A				AUX BLDG 290; ABOVE DECANT & SLURRY PUMP ROOM	1AB281070A
MU-F-1B	LETDOWN FILTER B				AUX BLDG 290; ABOVE DECANT & SLURRY PUMP ROOM	1AB281070A
MU-F-2A	LETDOWN PRE-FILTER A				AUX BLDG 280; ACROSS FROM LAUNDRY WASTE STOR TANK	1FB281020
MU-F-2B	LETDOWN PRE-FILTER B				AUX BLDG 281; ACROSS FROM LAUNDRY WASTE STOR TANK	1FB281020
MU-F-3	SEAL RETURN FILTER				AB281 WEST WALL S END OF SEAL RETURN COOLER 4.5 ABOVE THE FLR	1FB281010
MU-F-4A	SEAL INJECTION FILTER A				AUX BLDG 305; BETWEEN RB WALL AND STAIRWELL	1AB305135
MU-F-4B	SEAL INJECTION FILTER B				AUX BLDG 305; BETWEEN RB WALL AND STAIRWELL	1AB305135
MU-F-5A	MU-P-3A SUCTION LUBE OIL FILTER				MU-P-1A SKID INSIDE MU-T-3A	
MU-F-5B	MU-P-3B SUCTION LUBE OIL FILTER				MU-P-1B SKID INSIDE MU-T-3B	
MU-F-5C	MU-P-3C SUCTION LUBE OIL FILTER				MU-P-1C SKID INSIDE MU-T-3C	
MU-F-6A	MU-P-2A SUCTION LUBE OIL FILTER				MU-P-1A SKID INSIDE MU-T-3A	
MU-F-6B	MU-P-2B SUCTION LUBE OIL FILTER				MU-P-1B SKID INSIDE MU-T-3B	
MU-F-6C	MU-P-2C SUCTION LUBE OIL FILTER				MU-P-1C SKID INSIDE MU-T-3C	
MU-F-7A	MU-P-4 & 5A SUCTION LUBE OIL FILTER				MU PUMP SKID	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-F-7B	MU-P-4 & 5B SUCTION LUBE OIL FILTER				MU PUMP SKID	
MU-F-7C	MU-P-4 & 5C SUCTION LUBE OIL FILTER				MU PUMP SKID	
MU-F-8A	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-F-8B	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-F-8C	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-F-9A	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-F-9B	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-F-9C	INBOARD MEC SEAL WATER SU PPLY CYCLONE SEPARATOR				MU PUMP SKID	
MU-FC-277	RM-L-1 FLOW CONTROLLER				AB 281' EAST WALL OF MU VALVE ALLEY 4' HIGH 15' INTO THE ROOM	1AB281070A
MU-FT-1126	HPI THRU MU-V-16A FLOW TRANSMITTER	AB	281	3' E OF MU VALVE ALLEY		
MU-FT-1127	HPI THRU MU-V-16B FLOW TRANSMITTER	AB	281	3' E. MU VLV ALLEY		
MU-FT-1128	HPI THRU MU-V-16C FLOW TRANSMITTER	AB	305	ON WALL BY MU-F-4A 4' UP		
MU-FT-1129	HPI THRU MU-V-16D FLOW TRANSMITTER	AB	305	ON WALL BY MU-F-4A/B		
MU-K-0001A	MAKEUP DEMINERALIZER	AB	305	MAKEUP DEMIN RM		
MU-K-0001B	MAKEUP DEMINERALIZER	AB	305	MAKEUP DEMIN RM		
MU-LT-077B	MAKE UP TANK LEVEL TRANSMITTER	AB	281	10' S OF SF-P-2 4' UP		
MU-P-0001A	MAKEUP PUMP 1A	AB	281	MU PUMP RM A		
MU-P-0001B	MAKEUP PUMP 1B	AB	281	MU PUMP RM B		
MU-P-0001C	MAKEUP PUMP 1C	AB	281	MU PUMP ROOM		
MU-P-1A-BK	1D 4160V ES SWGR UNIT 7				SURGE SUPPRESSION NOT REQUIRED	1CB338300
MU-P-1A-MH	CT-5 SW#1 : MU-P-1A MOTOR HEATER				CONTROL TWR 322: 1A ES MCC	1CB322200
MU-P-1B-BKD	1D 4160V ES SWGR UNIT 8				SURGE SUPPRESSION NOT REQUIRED	1CB338300
MU-P-1B-BKE	1E 4160V ES SWGR UNIT 9				SURGE SUPPRESSION NOT REQUIRED	1CB338300
MU-P-1B-MH	AB-E SW# 3 ON 1C ES VALVES MCC				BREAKER FOR MU-P-1B MOTOR HEATER	1FB281015
MU-P-1C-BK	1E 4160V ES SWGR UNIT 8				SURGE SUPPRESSION NOT REQUIRED	1CB338300
MU-P-1C-MH	CT-E SW#4 ON 1B ES MCC				BREAKER FOR MU-P-1C MOTOR HEATER	1CB322200
MU-P-2A	AUX OIL PUMP FOR MU-P-1A				AB 281' MU-P-1A CUBICAL EAST END OF MU-P -1A	1AB281065A
MU-P-2A-BK	1A ES VALVES MCC UNIT 6C					1AB305130
MU-P-2B	AUX OIL PUMP FOR MU-P-1B				AB 281' MU-P-1B CUBICAL EAST END OF MU-P -1B	1AB281065B
MU-P-2B-BK	1A ES VALVES MCC UNIT 4A				BREAKER FOR MU-P-2B	1AB305130
MU-P-2C	AUX OIL PUMP FOR MU-P-1C				AB 281' MU-P-1C CUBICAL EAST END OF MU-P -1C	1AB281065C
MU-P-2C-BK	1B ES VALVES MCC UNIT 6C				BREAKER FOR MU-P-2C	1AB305100
MU-P-3A	MAIN OIL PUMP FOR MU-P-1A				AB 281' MU-P-1A CUBICAL EAST END OF MU-P -1A	1AB281065A
MU-P-3A-BK	1A ES MCC UNIT 14C					1CB322200
MU-P-3B	MAIN OIL PUMP FOR MU-P-1B				AB 281' MU-P-1B CUBICAL EAST END OF MU-P -1B	1AB281065B
MU-P-3B-BK	1B ES VALVES MCC UNIT 6A				BREAKER FOR MU-P-3B	1AB305100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-P-3C	MAIN OIL PUMP FOR MU-P-1C				AB 281' MU-P-1C CUBICAL EAST END OF MU-P-1C	1AB281065C
MU-P-3C-BK	1B ES MCC UNIT 2A				BREAKER FOR MU-P-3C	1CB322200
MU-P-4A	SPEED CHANGER AUX OIL PUMP FOR MU-P-1A				AB 281' MU-P-1A CUBICAL MU-P-1A SKID SOUTH SIDE CENTER	1AB281065A
MU-P-4A-BK	1A ES VALVES MCC UNIT 10B					1AB305130
MU-P-4B	SPEED CHANGER AUX OIL PUMP FOR MU-P-1B				281' AB MU-P-1B CUBICLE MU-P-1B SKID SOUTH SIDE CENTER	1AB281065B
MU-P-4B-BK	1C ES VALVES MCC UNIT 1E				BREAKER FOR MU-P-4B	1FB281015
MU-P-4C	SPEED CHANGER AUX OIL PUMP FOR MU-P-1C				281' AB MU-P-1C CUBICLE MU-P-1C SKID SOUTH SIDE CENTER	1AB281065C
MU-P-4C-BK	1B ES VALVES MCC UNIT 1D				BREAKER FOR MU-P-4C	1AB305100
MU-P-5A	MU-P-1A SHAFT DRIVEN GEAR OIL PUMP				MU PUMP SKID	
MU-P-5B	MU-P-1B SHAFT DRIVEN GEAR OIL PUMP				MU PUMP SKID	
MU-P-5C	MU-P-1C SHAFT DRIVEN GEAR OIL PUMP				MU PUMP SKID	
MU-RV-1	MAKEUP TANK RELIEF VALVE (TO VENT HDR)				AB 281' MAKEUP TANK ROOM, ON TOP OF MAKEUP TANK	1AB281070B
MU-T-1	MAKE UP TANK				281 AB DECANT SLURRY PUMP ROOM ON DOOR TO MU-T-1	1AB281070A
MU-T-3A	MU-P-1A PUMP & MOTOR LUBE OIL RESERVOIR				MU PUMP SKID	
MU-T-3B	MU-P-1B PUMP & MOTOR LUBE OIL RESERVOIR				MU PUMP SKID	
MU-T-3C	MU-P-1C PUMP & MOTOR LUBE OIL RESERVOIR				MU PUMP SKID	
MU-V-0001A	LD COOLER A INLET ISOL VALVE	RB	281	LD CLR RM 7' NO		
MU-V-0001B	LD COOLER B INLET ISOL VLV	RB	281	LD COOLER RM 9'		
MU-V-0002A	CONTAINMENT ISOL LD COOLER A OUTLET	RB	281	LD COOLER RM 5'		
MU-V-0002B	CONTAINMENT ISOL LD COOLER B OUTLET	RB	281	LD COOLER RM 5'		
MU-V-0003	CONTAINMENT ISOL LD COOLER ISOL VLV	AB	281	N ON MEZZANINE O		
MU-V-0003-PB	PRESSURE BOOSTER FOR MU-V-0003	AB	281	MOUNTED ON GRATING BY VALVE		
MU-V-0004	LD ORIFICE ISOL VALVE	AB	281	E WALL OF MU VL		
MU-V-0005	LD FLOW CONTROL BYPASS VALVE	AB	281	E WALL OF MU VL		
MU-V-0006A	MU DEMINERALIZER A INLET ISOL VALVE	AB	305	MINI VLV ALLEY		
MU-V-0006B	MU DEMINERALIZER B INLET ISOL VLV	AB	305	MINI VLV ALLEY		
MU-V-0008	LD SPLIT TO FILTERS & TANKS VLV	AB	305	MINI VALVE ALLEY		
MU-V-0010	WDL ADDITION TO LD ISOL VLV	N/A	N/A	N/A		
MU-V-0011A	MU FILTER (MU-F-1A) INLET ISOL VLV	AB	281	N WALL OF DECANT SLURRY PMP RM		
MU-V-0011B	MU FILTER B INLET ISOL VLV	AB	281	N WALL OF DECANT SLURRY PMP RM		
MU-V-0012	MU TANK OUTLET ISOL VALVE	AB	281	MU VLV ALLEY S		
MU-V-0013	MU-T-1 VENT	N/A	N/A	N/A		
MU-V-0014A	BWST TO MU-P-1 SVC. STOP CK	AB	281	OUTSIDE MU VALVE ALLEY		
MU-V-0014B	BWST TO MU-P-1 SVC. STOP CK	AB	281	OUTSIDE MU VALVE ALLEY		
MU-V-0016A	CONTAINMENT ISOL HPI A CONTROL VALVE	AB	281	N ON MEZZANINE		
MU-V-0016B	CONTAINMENT ISOL HPI B CONTROL VALVE	AB	281	N ON MEZZANINE		
MU-V-0016C	CONTAINMENT ISOL HPI C CONTROL VALVE	AB	305	IN OVRHD ON WALL PEN # 338		
MU-V-0016D	CONTAINMENT ISOL HPI D CONTROL VALVE	AB	305	IN OVERHEAD ON WALL PEN # 339		
MU-V-0017	NORMAL MAKEUP VALVE	AB	281	MU VALVE ALLEY		
MU-V-0018	CONTAINMENT ISOL CHARGING LINE ISOL VALVE	AB	281	N ON MEZZANINE		
MU-V-0020	CONTAINMENT ISOL RCP SEAL WATER ISOL VALVE	AB	305	CUBICLE BEHIND		
MU-V-0020-ACC	AIR ACCUMULATOR FOR MU-V-0020	AB	305	ON WALL RIGHT OF MU-V-20		
MU-V-0025	CONTAINMENT ISOL RCP SEAL RETURN ISOL	RB	308	BET RCP'D SEAL STA AND CF-T-1B		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-0026	CONTAINMENT ISOL RCP SEAL RETURN LD ISOL	AB	305	CUBICL BEHIND M		
MU-V-0032	RCP SEAL INJECTION CONTROL VALVE	AB	281	E WALL OF MU VA		
MU-V-0033A	RC-P-1A SEAL #1 LEAKOFF ISOL VALVE	RB	308	AT 'A' RCP SEAL INJ MANIFOLD		
MU-V-0033B	RC-P-1B SEAL #1 LEAKOFF ISOL VALVE	RB	308	AT 'B' RCP SEAL INJ MANIFOLD		
MU-V-0033C	RC-P-1C SEAL #1 LEAKOFF ISOL VALVE	RB	308	AT 'C' RCP SEAL INJ MANIFOLD		
MU-V-0033D	RC-P-1D SEAL #1 LEAKOFF ISOL VALVE	RB	308	AT 'D' RCP SEAL INJ MANIFOLD		
MU-V-0036	MU PUMPS RECIRC ISOL VALVE	AB	281	MU VLV ALLEY S		
MU-V-0037	MU PUMPS RECIRC ISOL VALVE	AB	281	MU VLV ALLEY S		
MU-V-0038	RCP SEAL #1 BYPASS FLOW ISOL VALVE	RB	308	OPPOSITE 'D' RCP SEAL INJ MAN		
MU-V-0039	STANDPIPE FILL ISOL VALVE	RB	308	OPPOSITE 'D' RCP SEAL INJ MAN		
MU-V-0051	EMERGENCY BORIC ACID ADD TO MU TANK	N/A	N/A	N/A		
MU-V-0104	SEAL RETURN COOLER RELIEF VALVE	FHB	281	S END OF COOLER 20' UP		
MU-V-0105	LETDOWN RELIEF VALVE	AB	305	MINI VLV ALLEY NE CORNER 15'UP		
MU-V-0180	SEAL LEAKOFF RELIEF VALVE	RB	308	BETW D SEAL STA & CF-T-1B		
MU-V-0204A	MU-K-1A OUTLET RELIEF VALVE	AB	305	MU DEMIN ROOM		
MU-V-0204B	MU-K-1B OUTLET RELIEF VALVE	AB	305	MU DEMIN ROOM		
MU-V-0217	HIGH CAPACITY NORMAL MU VALVE	AB	281	N ON MEZZANINE		
MU-V-10	WDL ADDITION TO LETDOWN ISOLATION VALVE				DECANT AND SLURRY PUMP ROOM	1AB281070A
MU-V-1000	MU2-PT ROOT ISOLATION VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-1001	MU2-PT ROOT ISOLATION VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-1002	MU4-FT ROOT VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-5	1AB281060
MU-V-1003	MU4-FT ROOT VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-5	1AB281060
MU-V-1004	MU6-PS ROOT VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-17	1AB281060
MU-V-1005	LO SIDE ROOT FOR MU8-F11				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1006	HI SIDE ROOT FOR MU8-F11				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1007	LO SIDE ROOT FOR MU8-F12				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1008	HI SIDE ROOT FOR MU8-F12				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1009	LO SIDE ROOT FOR MU8-F13				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-100A	MU-C-2A OUTLET ISOLATION				281 EL AB SOUTH OF MU-C-2A	1FB281010
MU-V-100B	MU-C-2B OUTLET ISOLATION				281 EL AB SOUTH OF MU-C-2B	1FB281010
MU-V-1010	HI SIDE ROOT FOR MU8-F13				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1011	LO SIDE ROOT FOR MU8-F14				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1012	HI SIDE ROOT FOR MU8-F14				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1013	MU39-PI1_PS1 AND PS2 ROOT VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1014	MU39-PI2 ISOL VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1015	MU40-PI ROOT VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1016	MU40-PI ISOL VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1017	MU41-DPT LOW SIDE ISOLATION ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1018	MU41-DPT HI SIDE ISOLATION ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-101A	MU-C-2A INLET ISOLATION				281 EL AB SOUTH OF MU-C-2A	1FB281010
MU-V-101B	MU-C-2B INLET ISOLATION				281 EL AB SOUTH OF MU-C-2B	1FB281010
MU-V-1021	MU14LT & MU-LT-778 HI SIDE ROOT VALVE				MU TANK ROOM NW CORNER 6" ABOVE BOTTOM	
MU-V-1022	UNUSED INSTRUMENT TAP ISOLATION VALVE				NW CORNER OF MU TANK TOP OF TANK	
MU-V-1025	MU17PT, MU14LT, MU-LT-778 LO SIDE ROOT VALVE				VERY TOP OF MU TANK	
MU-V-1026	MU18-DPT HI SIDE ROOT ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1027	MU18-DPT LO SIDE ROOT ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1028	MU22-PI-1 ROOT ISOL VALVE				281 EL AB NORTH END OF MU VALVE ALLEY WEST WALL	1AB281060
MU-V-1029	MU22-PI-2 ROOT ISOL VALVE				281 EL AB MIDWAY OF MU VALVE ALLEY WEST WALL	1AB281060
MU-V-102A	MU-C-2A VENT HDR ISOL VALVE				281 EL AB NORTH OF MU-C-2A	1FB281010
MU-V-102B	MU-C-2B VENT HDR ISOL VALVE				281 EL AB NORTH OF MU-C-2B	1FB281010
MU-V-1030	MU22-PI-3 ISOL ROOT VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-1031	MU-FT-1126 HI SIDE ROOT VALVE				281 EL AB NORTH ABOVE MU VALVE ALLEY ENT RANCE	1AB281055
MU-V-1032	MU-FT-1126 LO SIDE ROOT VALVE				281 EL AB NORTH ABOVE MU VALVE ALLEY ENT RANCE	1AB281055
MU-V-1033	MU-FT-1127 HI SIDE ROOT VALVE				281 EL AB NORTH ABOVE MU VALVE ALLEY ENT RANCE	1AB281055
MU-V-1034	MU-FT-1127 LO SIDE ROOT VALVE				281 EL AB NORTH ABOVE MU VALVE ALLEY ENT RANCE	1AB281055
MU-V-1035	MU-FT-1128 LO SIDE ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1036	MU-FT-1128 HI SIDE ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1037	MU-FT-1129 LO SIDE ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1038	MU-FT-1129 HI SIDE ROOT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-103A	MU-C-2A DRAIN TO AUX BLDG SUMP				281 EL AB NORTH OF MU-C-2A	1FB281010
MU-V-103B	MU-C-2B DRAIN TO AUX BLDG SUMP				281 EL AB NORTH OF MU-C-2B	1FB281010
MU-V-104	SEAL RETURN COOLER INLET RELIEF VALVE				AB281 S END OF SEAL RETURN COOLER CENTER OF HALLWAY 20 IN AIR	1FB281010
MU-V-1043	MU42-FI/FS/DPT HI SIDE ISOLATION VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-76A	1AB281060
MU-V-1044	MU42-FI/FS/DPT HI SIDE ROOT VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-76A	1AB281060
MU-V-1045	MU42-FI/FS/DPT LO SIDE ISOLATION VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-76A	1AB281060
MU-V-1046	MU42-FI/FS/DPT LO SIDE ROOT VALVE				281 EL AB MU VALVE ALLEY ABOVE MU- V-76A	1AB281060

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1047	LO SIDE ROOT FOR MU13-F11				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD TO RIGHT REAR OF MANIFOLD	1RB308100
MU-V-1048	HI SIDE ROOT FOR MU13-F11				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD TO RIGHT REAR OF MANIFOLD	1RB308100
MU-V-1049	LO SIDE ROOT FOR MU13-F12				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-105	LETDOWN RELIEF TO VENT HEADER				AB 305' MU MINI VALVE ALLEY NORTHEAST CORNER 15' HIGH	1AB305145
MU-V-1050	HI SIDE ROOT FOR MU13-F12				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1051	LO SIDE ROOT FOR MU13-F13				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1052	HI SIDE ROOT FOR MU13-F13				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1053	LO SIDE ROOT FOR MU13-F14				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1054	HI SIDE ROOT FOR MU13-F14				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1055	MU-DPT-429 LOW SIDE ISOL VALVE				AB 305' EL MINI VALVE ALLEY NORTH WALL	1AB305145
MU-V-1056	MU-DPT-429 HIGH SIDE ISOL VALVE				AB 305' EL MINI VALVE ALLEY NORTH WALL	1AB305145
MU-V-1057	MU-PX-404 ISOLATION VALVE				LETDOWN COOLER ROOM NE WALL 5' UP ABOVE MU-V-1A	1RB279015
MU-V-1058	MU-PX-405 ISOLATION VALVE				LETDOWN COOLER ROOM NE WALL 5' UP ABOVE MU-V-2A	1RB279015
MU-V-1059	MU-PX-406 ISOLATION VALVE				LETDOWN COOLER ROOM NE WALL 5' UP ABOVE MU-V-1B	1RB279015
MU-V-1060	MU-PX-407 ISOLATION VALVE				LETDOWN COOLER ROOM NE WALL 5' UP ABOVE MU-V-2B	1RB279015
MU-V-1061	MU-PX-408 ROOT VALVE				AB 281' EL SOUTH END OF MU-C-2A	1FB281010
MU-V-1062	MU-PX-409 ROOT VALVE				AB 281' EL SOUTH END OF MU-C-2A	1FB281010
MU-V-1063	MU-PX-410 ROOT VALVE				AB 281' EL SOUTH END OF MU-C-2B	1FB281010
MU-V-1064	MU-PX-411 ROOT VALVE				AB 281' EL SOUTH END OF MU-C-2B	1FB281010
MU-V-1065	MU-PI-412 ROOT VALVE ISOL				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-1066	MU-PI-413 ROOT ISOL VALVE				281 EL AB MU VALVE ALLEY WEST WALL MIDWAY DOWN	1AB281060
MU-V-1067	MU-PI-414 ROOT ISOL VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-1068	MU-DPT-686 LOW SIDE ROOT VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1069	MU-DPT-686 HIGH SIDE ROOT VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1070A	MU-DPT-429 HI SIDE ISOL VALVE				305 EL AB MINI VALVE ALLEY	1AB305145
MU-V-1070B	MU-DPT-429 LO SIDE ISOL VALVE				305 EL AB MINI VALVE ALLEY	1AB305145
MU-V-1070C	MU-DPT-429 EQUALIZING VALVE				305 EL AB MINI VALVE ALLEY	1AB305145

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1070D	MU-DPT-429 HI/LO TEST CONN VALVE				305 EL AB MINI VALVE ALLEY	1AB305145
MU-V-1071A	MU40-DPT HI SIDE ISOL VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1071B	MU40-DPT LO SIDE ISOL VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1071C	MU40-DPT EQUALIZING VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1071D	MU40-DPT HI/LO TEST CONN VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-1072A	MU18-DPT HI SIDE ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1072B	MU18-DPT LO SIDE ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1072C	MU18-DPT EQUALIZING VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1072D	MU18-DPT HI/LO TEST CONN VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-1073A	MU-DPS-686 HI SIDE ISOL VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1073B	MU-DPS-686 LO SIDE ISOL VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1073C	MU-DPS-686 EQUALIZING VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1073D	MU-DPS-686 HI/LO TEST CONN VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1074A	MU13-DPT2 HI SIDE ISOL VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1074B	MU13-DPT2 LO SIDE ISOL VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1074C	MU13-DPT2 EQUALIZING VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1074D	MU13-DPT2 HI/LO TEST CONN VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1075A	MU13-DPT1 HI SIDE ISOL VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1075B	MU13-DPT1 LO SIDE ISOL VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1075C	MU13-DPT1 EQUALIZING VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1075D	MU13-DPT1 HI/LO TEST CONN VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1076A	MU13-DPT3 HI SIDE ISOL VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1076B	MU13-DPT3 LO SIDE ISOL VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1076C	MU13-DPT3 EQUALIZING VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1076D	MU13-DPT3 HI/LO TEST CONN VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1077A	MU13-DPT4 HI SIDE ISOL VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1077B	MU13-DPT4 LO SIDE ISOL VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1077C	MU13-DPT4 EQUALIZING VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1077D	MU13-DPT4 HI/LO TEST CONN VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1078A	MU8-FT2 HI SIDE ISOL VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1078B	MU8-FT2 LO SIDE ISOL VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1078C	MU8-FT2 EQUALIZING VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1078D	MU8-FT2 HI/LO TEST CONN VALVE				RX BLDG AT 'B' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1079A	MU8-FT1 HI SIDE ISOL VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1079B	MU8-FT1 LO SIDE ISOL VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1079C	MU8-FT1 EQUALIZING VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1079D	MU8-FT1 HI/LO TEST CONN VALVE				RX BLDG AT 'A' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-107A	CONTAINMENT ISOL - HPI TO RCS A LOOP RBI CHECK VALVE				RB 281' ALONG WALL NORTHEAST CORNER OVER RB SUMP	1RB273010
MU-V-107B	CONTAINMENT ISOL - HPI TO RCS B LOOP RBI CHECK VALVE				RB 281' ALONG WALL NORTHEAST CORNER OVER RB SUMP	1RB273010
MU-V-107C	CONTAINMENT ISOL - HPI TO RCS C LOOP RBI CHECK VALVE				RB 305' RB WALL 5' NORTHWEST OF CF- T-1B 7' ABOVE FLOOR	1RB308100
MU-V-107D	CONTAINMENT ISOL - HPI TO RCS D LOOP RBI CHECK VALVE				RB 305' RB WALL 5' NORTHWEST OF CF- T-1B 7' ABOVE FLOOR	1RB308100
MU-V-1080A	MU8-FT3 HI SIDE ISOL VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1080B	MU8-FT3 LO SIDE ISOL VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1080C	MU8-FT3 EQUALIZING VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1080D	MU8-FT3 HI/LO TEST CONN VALVE				RX BLDG AT 'C' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1081A	MU8-FT4 HI SIDE ISOL VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1081B	MU8-FT4 LO SIDE ISOL VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1081C	MU8-FT4 EQUALIZING VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1081D	MU8-FT4 HI/LO TEST CONN VALVE				RX BLDG AT 'D' RCP SEAL INJ. MANIFOLD	1RB308100
MU-V-1082	MU-FT-1126 HI SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1083	FT-1126 LO SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1084A	MU-FT-1126 HI SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1084B	MU-FT-1126 LO SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1084C	MU-FT-1126 EQUALIZING VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1084D	MU-FT-1126 HI/LO TEST CONN VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1085	MU-FT-1127 HI SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1086	MU-FT-1127 LO SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1087A	MU-FT-1127 HI SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1087B	MU-FT-1127 LO SIDE ISOL VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1087C	MU-FT-1127 EQUALIZING VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1087D	MU-FT-1127 HI/LO TEST CONN VALVE				281 EL AB ON WALL EAST OF MU VALVE ALLEY ENTRANCE	1FB281010
MU-V-1088	MU41-DPT LO SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1089	MU41-DPT HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1090A	MU41-DPT HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1090B	MU41-DPT LO SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1090C	MU41-DPT EQUALIZING VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1090D	MU41-DPT HI/LO TEST CONN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1091	MU-FT-1128 HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1092	MU-FT-1128 LO SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1093A	MU-FT-1128 HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1093B	MU-FT-1128 LO SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1093C	MU-FT-1128 EQUALIZING VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1093D	MU-FT-1128 HI/LO TEST CONN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1094	MU-FT-1129 HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1096A	MU-FT-1129 HI SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1096B	MU-FT-1129 LO SIDE ISOL VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1096C	MU-FT-1129 EQUALIZING VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1096D	MU-FT-1129 HI/LO TEST CONN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-1097	MU4-DPT HI SIDE ISOL				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-1099A	MU4-DPT HI SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-1099B	MU4-DPT LO SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-1099C	MU4-DPT EQUALIZING VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-1099D	MU4-DPT HI/LO TEST CONN VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-109A	MU-V-98 UPSTREAM ISOL VALVE				281 EL AB MU VALVE ALLEY EAST WALL NORTH END	1AB281060

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-109B	MU-V-98 DOWNSTREAM ISOL VALVE				281 EL AB MU VALVE ALLEY EAST WALL NORTH END	1AB281060
MU-V-110	MU-F-1A/B BYPASS VALVE (REACH ROD)				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-1100	MU8-PS ISOL VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-1104	MU42-DPT HI SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1105	MU42-DPT LO SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1106A	MU42-DPT HI SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1106B	MU42-DPT LO SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1106C	MU42-DPT EQUALIZING VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1106D	MU42-DPT HI/LO TEST CONN VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1107	MU14-LT HI SIDE ISOL VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1108	MU14-LT LO SIDE ISOL VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1109	MU14-LT EQUALIZATION VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-111	MU-T-1 GAS SAMPLE VALVE				AB 281' EL BEHIND SF-P-2 DISCHARGE VALVE MANIFOLD	1FB281010
MU-V-1110	MU17-PT ISOL VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1111	MU14-LT HI SIDE VENT VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1113	MU14-LT DRAIN				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1114	MU-LT-778 LO SIDE ISOL VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1115	MU-LT-778 HI SIDE ISOL VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1116	MU-LT-778 HI SIDE DRAIN VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1117	MU-LT-778 EQUALIZATION VALVE				281 AB ON WEST WALL INBETWEEN MU-C-2A/B & SF-P-2	1FB281010
MU-V-1118	MU-LT-778 LO SIDE ISOL TO CATCH TANK				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-1119	MU-LT-778 HI SIDE ISOL TO CATCH TANK				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-112	MAKEUP TANK OUTLET CHECK VALVE				AB 281' MAKEUP TANK ROOM	1AB281070B
MU-V-1120	MU-LT-778 CATCH TANK VENT				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-1121	MU-LT-778 CATCH TANK DRAIN				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-1122	MU14-LT CATCH TANK INLET ISOL				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-1123	MU14-LT CATCH TANK VENT				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010
MU-V-1124	MU14-LT CATCH TANK DRAIN				281'EL JUST SOUTH OF MU-C-2A/B	1FB281010

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1125	MU24A/B-FT LO SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY 9' UP ACROSS FROM MU-V-78	1AB281060
MU-V-1126	MU24A/B-FT LO SIDE ROOT VALVE				281 EL AB MU VALVE ALLEY ACROSS FROM MU- V-78	1AB281060
MU-V-1127	MU24A/B-FT HI SIDE ISOL VALVE				281 EL AB MU VALVE ALLEY ACROSS FROM MU- V-78	1AB281060
MU-V-1128	MU24A/B-FT HI SIDE ROOT VALVE				281 EL AB MU VALVE ALLEY ACROSS FROM MU- V-78	1AB281060
MU-V-1129	MU24A-FT HIGH SIDE ISOLATION VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-113	LETDOWN ISOLATION FROM RC-P-10C SUCTION				OUTSIDE WALL OF B D-RING ON W SIDE 2 ABOVE FLR (OPERATOR)	1RBDR 500
MU-V-1130	MU24A-FT LOW SIDE ISOLATION VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1131	MU24A FT EQUALIZER VALVE				281 EL AB NORTH END OF MU-C-2A/B HALLWAY	1FB281010
MU-V-1132	MU24A-FT HIGH SIDE DRAIN VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1133	MU24A-FT LOW SIDE DRAIN VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1134	MU24A-FT HIGH SIDE VENT VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1135	MU24A-FT LOW SIDE VENT VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1136	MU24B-FT HIGH SIDE ISOLATION VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1137	MU24B-FT LOW SIDE ISOLATION VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1138	MU24B-FT EQUALIZER VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1139	MU24B-FT HIGH SIDE VENT VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1140	MU24B-FT LOW SIDE DRAIN VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1141	MU24B-FT HIGH SIDE VENT VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1142	MU24B-FT LOW SIDE VENT VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1143	MU24A/B-FT LO SIDE HDR DRAIN				AB 281' EL NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1144	MU24A/B-FT HI SIDE HDR DRAIN				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1145	MU24A/B-FT HI SIDE ISOL VALVE				281 EL AB NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1146	MU24A/B-FT LO SIDE ISOL VALVE				AB 281' EL NORTH OF RM-L-1 ON WEST WALL	1FB281010
MU-V-1147	MU42-FS AND FI LOW SIDE ISOLATION				281 AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-1148	MU42-FI AND FS HIGH SIDE ISOLATION				281 AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-115	MU DEMIN'S OUTLET CHECK VALVE				AB 305 MINI VALVE ALLEY NORTH WALL 5 F ROM EAST WALL 3 ABOVE FLR	1AB305145
MU-V-1150	MU42-DPT HI SIDE DRAIN VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1151	MU42-DPT LO SIDE DRAIN VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-1152	MU-DPS-686 LO SIDE ISOLATION VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1153	HI SIDE ISOL VALVE FOR MU-DPS-686				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-116	CONTAINMENT ISOL - SEAL INJECT TO RCS RBI CHECK VALVE				RB 305 BETWEEN "D" SEAL STATION AND "B" CF TANK 7' ABOVE FLOOR	1RB308100
MU-V-1175	MU-PI-1699 MANUAL ISOLATION VALVE				AUX BLDG, 281' ELEV, MU VALVE ALLEY EAST WALL	1AB281060
MU-V-1176	MU40-DPT HI-SIDE ISOLATIO N				MU-F3 MANIFOLD	
MU-V-1177	MU40-DPT HI-SIDE ISOLATIO N				MU-F3 MANIFOLD	
MU-V-1178A	MU-P-8A PI ISO. VALVE				MU PUMP SKID	
MU-V-1178B	MU-P-8B PI ISO. VALVE				MU PUMP SKID	
MU-V-1178C	MU-P-8C PI ISO. VALVE				MU PUMP SKID	
MU-V-1179	MU-PI-1752 ISOLATION				3' NORTH OF SF-P-2	1FB281010
MU-V-1180	MU36-FI DRAIN ISOLATION VALVE				AB 281' MU VALVE ALLEY EAST WALL	1AB281060
MU-V-1181	MU2-PT LOCAL ISOLATION VALVE				AB 281' MU VALVE ALLEY WEST WALL 20' IN	1AB281060
MU-V-1182	MU17-PT DRAIN VALVE					
MU-V-1183	MU17-PT ISOLATION VALVE					
MU-V-1184	MU17-PT VENT VALVE					
MU-V-11A	MU-F-1A INLET ISOLATION VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL 7' ABOVE FLOOR	1AB281070A
MU-V-11B	MU-F-1B INLET ISOLATION VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-12	MAKEUP TANK OUTLET ISOL VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-12	MAKEUP TANK OUTLET ISOL VALVE OPERATOR				MU VALVE ALLEY-SOUTH END EL 284-6	
MU-V-122A	MU-P-1A SUCTION VENT VALVE				281 EL AB MU-P-1A CUBICLE NORTH SIDE OF MU-P-1A	1AB281065A
MU-V-122B	MU-P-1B SUCTION VENT VALVE				281 EL AB MU-P-1B CUBICLE NORTH SIDE OF MU-P-1B	1AB281065B
MU-V-122C	MU-P-1C SUCTION VENT VALVE				281 EL AB MU-P-1C CUBICLE NORTH SIDE OF MU-P-1C	1AB281065C
MU-V-123A	MU-P-1A INTER STAGE VENT VALVE				281 EL AB MU-P-1A CUBICLE NORTH SIDE OF MU-P-1A	1AB281065A
MU-V-123B	MU-P-1B INTER STAGE VENT VALVE				281'AB MU-P-1B ROOM NORTH SIDE OF MU-P-1B	1AB281065B
MU-V-123C	MU-P-1C INTER STAGE VENT VALVE				281 EL AB MU-P-1C CUBICLE NORTH SIDE OF MU-P-1C	1AB281065C

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-13	MU-T-1 VENT VALVE				281 EL AB ABOVE AND SOUTH OF MU-C-2A/B	1FB281010
MU-V-131	MAKEUP TANK VENT VALVE MU-V-13 AIR ACTUATOR				ATTACHED TO MU-V-13	1FB281010
MU-V-13-20	AIR SUPPLY SOLENOID VALVE TO MU-V-13				FB 281' SEAL RETURN COOLER HALLWAY ABOVE SF-P-2	1FB281010
MU-V-137A	LETDOWN COOLER INLET TO VENT HDR				NORTH OF 'A' LD COOLER 10' IN AIR	1RB279015
MU-V-137B	LETDOWN COOLER INLET TO VENT HDR				NORTH OF 'B' LD COOLER 10' IN AIR	1RB279015
MU-V-139A	MU-C-1A DRAIN TO RB SUMP				NORTH OF 'A' LD COOLER FLOOR LEVEL	1RB279015
MU-V-139B	MU-C-1B DRAIN TO RB SUMP				NORTH OF 'B' LD COOLER FLOOR LEVEL	1RB279015
MU-V-139C	MU-C-1A CAPPED DRAIN VALVE				BETWEEN MU-V-1A + MU-V-2A FLOOR LEVEL	1RB279015
MU-V-139D	MU-C-1B CAPPED DRAIN VALVE				BETWEEN MU-V-2A + MU-V-2B FLOOR LEVEL	1RB279015
MU-V-139E	LETDOWN COOLER INLET DRAIN VALVE				BELOW + BEHIND MU-V-1B AT FLOOR LEVEL	1RB279015
MU-V-140	LETDOWN LINE TEST ISOL VALVE				281 EL AB NORTH END EAST SIDE OF MU VALVE ALLEY	1AB281060
MU-V-141	MU-V-25 LEAK RATE TEST AND DRAIN VALVE				6FT LEFT D RCP SEAL INJ MANIFOLD ALONG OUTSIDE WALL 1FT ABV FLR	1RBDR 520
MU-V-142	DRAIN VALVE DOWN STREAM OF MU-V-26				AB 305' BEHIND WALL FOR SEAL INJECTION FILTERS	1AB305135
MU-V-143A	HPI OUTSIDE ISOL TEST FOR A HPI LEG				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-143B	HPI OUTSIDE ISOL TEST FOR B HPI LEG				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-143C	HPI OUTSIDE ISOL TEST FOR C HPI LEG				305 EL AB IN OVERHEAD NEAR MU-V-16C	1AB305100
MU-V-143D	HPI OUTSIDE ISOL TEST FOR D HPI LEG				305 EL AB IN OVERHEAD NEAR MU-V-16D	1AB305100
MU-V-144	SEAL INJECTION DRAIN INSIDE RB				RB 305' BETWEEN "D" SEAL STATION AND B CF TANK 7' ABOVE FLOOR	1RB308100
MU-V-145	SEAL INJ RB ISOL TEST VALVE				305 EL AB NEAR MU-V-20	1AB305135
MU-V-146	SEAL INJ LINE DRAIN UPSTR OF MU-V-20				AB 305' BEHIND WALL FOR SEAL INJECTION FILTERS NEAR MU-V-26	1AB305135
MU-V-147A	A AND B HPI TEST ISOLATION VALVE				281 EL AB NORTH END WEST SIDE OF MU VALVE ALLEY	1AB281060
MU-V-147B	C AND D HPI TEST ISOLATION VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-148	MU12-FT DRAIN VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-149	RM-L1 INLET ISOLATION VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-14A	MU PUMP SUCTION VALVE FROM BWST				281 EL AB ON WALL ADJACENT TO MU VALVE ALLEY	1AB281055
MU-V-14A	MU PUMP SUCTION A FM BWST VALVE OPERATOR				N. OUTSIDE WALL OF MU PMP ROOM/A/EL 284-2	
MU-V-14A-BK	1A ES MCC UNIT 7D				CONTROL TWR 322- 1P SWGR ROOM	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-14B	MU PUMP SUCT VALVE FROM BWST				281 EL AB ON WALL ADJACENT TO MU VALVE ALLEY	1AB281055
MU-V-14B	MU PUMP SUCTION B FM BWST VALVE OPERATOR				N WALL OUTSIDE MU PMP ROOM/BEL 284-1	
MU-V-14B-BK	1B ES VALVES MCC UNIT 4A				AUX BLDG 305: ROOM NORTH OF RADWASTE PANEL	1AB305130
MU-V-150	RM-L-1 OUTLET ISOLATION				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-151	RM-L-1 DRAIN VALVE				281 EL AB ON FLOOR NORTH OF MU-C-2A/B	1FB281010
MU-V-152A	LETDOWN COOLER OUTLET TO VENT HDR				8" ABOVE 'A' L/D COOLER	1RB279015
MU-V-152B	LETDOWN COOLER OUTLET TO VENT HDR				8" ABOVE 'B' L/D COOLER	1RB279015
MU-V-154	VENT DOWNSTREAM OF MU-V-113				NORTH OF 'B' L/D COOLER 7' IN AIR	1RB279015
MU-V-155	LETDOWN LINE VENT INSIDE RB				RB BASEMENT ALONG OUTSIDE WALL 4 ABOVE FLR NEAR RB SUMP	1RB279000
MU-V-156A	MU-P-1A SUCTION VENT VALVE				281 EL AB NORTH END WEST SIDE OF MU VALVE ALLEY	1AB281060
MU-V-156B	MU-P-1C SUCTION VENT VALVE				281 EL AB SOUTH END WEST SIDE OF MU VALVE ALLEY	1AB281060
MU-V-158A	RC-P-1A SEAL CAVITY VENT VALVE				RX BLDG 1ST FLOOR TOP OF 1ST LADDER WEST OF 'A' CF TANK	1RB308100
MU-V-158B	RC-P-1B SEAL CAVITY VENT VALVE				1ST FLR @ B RCP SEAL INJ MANIFOLD, UP STEPS 2ND LANDING ON RIGHT	1RB308100
MU-V-158C	RC-P-1C SEAL CAVITY VENT VALVE				RX BLDG 1ST FLOOR AT TOP OF 2ND LADDER WEST OF 'A' CF TANK	1RB308100
MU-V-158D	RC-P-1D SEAL CAVITY VENT VALVE				RB 1ST FLR BACK OF B CF TANK BETWEEN TANK & D RING 20 ABOVE FLR	1RB308100
MU-V-159A	"A" LOOP HPI CHECK VALVE TEST VALVE				ALONG WALL IN NE CORNER OVER RX BLDG SUMP	1RB273010
MU-V-159B	"B" LOOP HPI CHECK VALVE TEST VALVE				ALONG WALL IN NE CORNER OVER RX BLDG SUMP	1RB273010
MU-V-159C	"C" LOOP HPI CHECK VALVE TEST VALVE				RB 1ST FLOOR ALONG OUTSIDE WALL 5 NW OF CF TANK B 7 ABOVE FLR	1RB308100
MU-V-159D	"D" LOOP HPI CHECK VALVE TEST VALVE				RB 1ST FLOOR ALONG OUTSIDE WALL 5 NW OF CF TANK B 7 ABOVE FLR	1RB308100
MU-V-160A	RM-L-1 INLET ISOLATION VALVE				281 EL AB ABOVE MAKE UP VALVE ALLEY EAST OF THE DELAY COIL	1AB295062
MU-V-160B	RM-L-1 OUTLET ISOLATION VALVE				281 EL AB ON FLOOR NORTH OF MU-C-2A/B	1FB281010
MU-V-161A	RM-L-1 INLET CALIBRATION VALVE				281 EL AB ON FLOOR NORTH OF MU-C-2A/B	1FB281010
MU-V-161B	RM-L-1 OUTLET CALIBRATION VALVE				281 EL AB ON FLOOR NORTH OF MU-C-2A/B	1FB281010
MU-V-162	RM-L-1 FLUSH CONNECTION VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-166B	MU-V-9 DOWNSTREAM ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-167	MU-V-9 BYPASS VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-169	C LOOP HPI NOZZLE DRAIN VALVE				BEHIND 'B' OTSG ABOUT 30' IN AIR	1RB365300B
MU-V-16A	H.P.I. CONTROL VALVE A				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-16A	CONTAINMENT ISOLATION HPI A CONTROL VLV OP				NORTH OF MU VALVE ALLEY EL.297-0	
MU-V-16A-BK	1A ES VALVES MCC UNIT 4B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
MU-V-16B	H.P.I. CONTROL VALVE B				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-16B	CONTAINMENT ISOLATION HPI B CONTROL VLV OP				NORTH OF MU VALVE ALLEY EL.295-0	
MU-V-16B-BK	1A ES VALVES MCC UNIT 4C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
MU-V-16C	H.P.I. CONTROL VALVE C				AB 305 FT ELEV: IN OVERHEAD ABOVE THE SEAL INJECTION FILTER AREA	1AB305135
MU-V-16C	CONTAINMENT ISOLATION HPI C CONTROL VLV OP				NORTH OF SEAL INJ FILTER EL.317-5	
MU-V-16C-BK	1B ES VALVES MCC UNIT 4B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
MU-V-16D	H.P.I. CONTROL VALVE D				AB 305 EL ABOVE MU-F-4A/B AREA	1AB305135
MU-V-16D	CONTAINMENT ISOLATION HPI D CONTROL VLV OP				NORTH OF SEAL INJ FILTER EL.317-5	
MU-V-16D-BK	1B ES VALVES MCC UNIT 4C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
MU-V-17	NORMAL MU TO RCS CONTROL VALVE(STE)				MU VALVE ALLEY EAST WALL 13FT IN	1AB281060
MU-V-172A	MU-P-1A CASING DRAIN VALVE				281 EL AB MU-P-1A CUBICLE NORTH SIDE OF MU-P-1A	1AB281065A
MU-V-172B	MU-P-1B CASING DRAIN VALVE				281 EL AB MU-P-1B CUBICLE NORTH SIDE OF MU-P-1B	1AB281065B
MU-V-172C	MU-P-1C CASING DRAIN VALVE				281 EL AB MU-P-1C CUBICLE NORTH SIDE OF MU-P-1C	1AB281065C
MU-V-175A	RC-P-1A SEAL INJECTION THROTTLE VALVE				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-175B	RC-P-1B SEAL INJECTION THROTTLE VALVE				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-175C	RC-P-1C SEAL INJECTION THROTTLE VALVE				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-175D	RC-P-1D SEAL INJECTION THROTTLE VALVE				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-176A	RC-P-1D SEAL NO 1 LEAK OFF VENT VALVE				RX BLDG 1ST FLOOR AT TOP OF 1ST LADDER WEST OF A COREFLOOD TANK	1RB308100
MU-V-176B	RC-P-1B SEAL NO 1 LEAK OFF VENT VALVE				@ B RCP SEAL INJ MANIFOLD,GO UP STEPS TO 2ND LANDING ON RIGHT	1RB308100
MU-V-176C	RC-P-1C SEAL NO 1 LEAK OFF VENT VALVE				RX BLDG 1ST FLOOR AT TOP OF 2ND LADDER WEST OF A COREFLOOD TANK	1RB308100
MU-V-176D	RC-P-1D SEAL NO 1 LEAK OFF VENT VALVE				RB 1ST FLR BACK OF B CF TANK BETWEEN TANK + D RING 20 ABOVE FLR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-177A	RC-P-1A SEAL LEAK OFF METER ISOL				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-177B	RC-P-1B SEAL LEAK OFF METER ISOL				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-177C	RC-P-1C SEAL LEAK OFF METER ISOL				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-177D	RC-P-1D SEAL LEAK OFF METER ISOL				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-178A	RC-P-1A SEAL LEAK OFF FLOW METER BYPASS				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-178B	RC-P-1B SEAL LEAK OFF FLOW METER BYPASS				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-178C	RC-P-1C SEAL LEAK OFF FLOW METER BYPASS				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-178D	RC-P-1D SEAL LEAK OFF FLOW METER BYPASS				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-179A	RC-P-1A SEAL LEAK OFF FLOW METER VENT				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-179B	RC-P-1B SEAL LEAK OFF FLOW METER VENT				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-179C	RC-P-1C SEAL LEAK OFF FLOW METER VENT				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-179D	RC-P-1D SEAL LEAK OFF FLOW METER VENT				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-18	NORMAL MU RB ISOLATION VALVE				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-181	CONTAINMENT ISOLATION CHARGING LINE VALVE ACTTR				N ON MEZZANINE S END PEN#323	1AB281055
MU-V-181SV-1	OPEN AIR SUPPLY SOLENOID TO MU-V-18 (FORMERLY MU-V-18-20)				AB 281' ON MEZZANINE ON RB WALL SOUTH END	1AB294054
MU-V-180	RCP SEAL RETURN LINE RELIEF VALVE TO RCD				RB 305' BETWEEN "D" SEAL STATION AND "B" CF TANK	1RB308100
MU-V-182A	RC-P-1A SEAL NO 1 BYPASS VENT VALVE				RX BLDG 1ST FLOOR TOP OF 1ST LADDER WEST OF A CF TANK	1RB308100
MU-V-182B	RC-P-1B SEAL NO 1 BYPASS VENT VALVE				B RCP SEAL INJ. MANIFOLD GO UPSTAIRS TO 2ND LANDING ON RIGHT	1RB308100
MU-V-182C	RC-P-1C SEAL NO 1 BYPASS VENT VALVE				RX BLDG 1ST FLOOR AT TOP OF 2ND LADDER WEST OF 'A' CF TANK	1RB308100
MU-V-182D	RC-P-1D SEAL NO 1 BYPASS VENT VALVE				RB 1ST FLR BACK OF B CF TK BTWN TK & D RING WALL 20FT ABOVE FLR	1RB308100
MU-V-183A	RC-P-1A SEAL NO 1 BYPASS CHECK VALVE				RB 305 RC-P-1A SEAL STATION UNDER INSULATION UP STREAM MU-V-184A	1RB308100
MU-V-183B	RC-P-1B SEAL NO 1 BYPASS CHECK VALVE				RC-P-1B SEAL STATION, UNDER INSULATION UP STREAM MU-V-184B	1RB308100
MU-V-183C	RC-P-1C SEAL NO 1 BYPASS CHECK VALVE				RC-P-1C SEAL STATION, UNDER INSULATION UP STREAM MU-V-184C	1RB308100
MU-V-183D	RC-P-1D SEAL NO 1 BYPASS CHECK VALVE				RB 305 RC-P-1D SEAL STATION, UNDER INSULATION UP STEAM MU-V-184D	1RB308100
MU-V-184A	MU21-FI1 INLET ISOLATION				RB 305' RC-P-1A SEAL STATION	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-184B	MU21-FI2 INLET ISOLATION				RB 305' RC-P-1B SEAL STATION	1RB308100
MU-V-184C	MU21-FI3 INLET ISOLATION				RB 305' RC-P-1C SEAL STATION	1RB308100
MU-V-184D	MU21-FI4 INLET ISOLATION				RB 305' RC-P-1D SEAL STATION	1RB308100
MU-V-185A	MU21-FI1 OUTLET ISOLATION				RX BLDG 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-185B	MU21-FI2 OUTLET ISOLATION				RX BLDG 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-185C	MU21-FI3 OUTLET ISOLATION				RX BLDG 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-185D	MU21-FI4 OUTLET ISOLATION				RX BLDG 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-187	RCP SEAL BACKPRESS CONTROL VALVE				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-188	SEAL RETURN FILTER BYPASS				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-189	SEAL RETURN FILTER INLET ISOLATION				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-190	SEAL RETURN FILTER OUTLET ISOL				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-191	SEAL RETURN FILTER OUTLET DRAIN TO ABS				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-192	SEAL RETURN FILTER INLET DRAIN TO ABS				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-193A	MU-P-1A RECIRC STOP CHECK VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-193B	MU-P-1B RECIRC STOP CHECK VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-193C	MU-P-1C RECIRC STOP CHECK VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-194A	MU-F-4A INLET ISOLATION VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-194B	MU-F-4B INLET ISOLATION VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-196A	MU-F-4A OUTLET ISOL VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-196B	MU-F-4B OUTLET ISOL VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-197A	MU-F-4A OUTLET ISOL VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-197B	MU-F-4B OUTLET ISOL VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-198	MU-F-4A/B BYPASS VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-199A	MU-F-2A INLET ISOLATION VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-199B	MU-F-2B INLET ISOLATION				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-1A	"A" LETDOWN COOLER INLET ISO VALVE				LETDOWN COOLER ROOM 7' NORTH OF DOOR	1RB279015
MU-V-1B	"B" LETDOWN COOLER INLET ISOL VALVE				LETDOWN COOLER ROOM 9' NORTH OF DOOR	1RB279015
MU-V-20	RCP SEAL INJECTION RB ISOL VALVE				AB 305 EL CUBICLE BEHIND MU-F-4A/B STATION	1AB305135
MU-V-201	CONTAINMENT ISOLATION RCP SEAL WTR ISO VLV OP				CUBICLE BEHIND MU-F-4A/B STATION PEN#337	1AB305135
MU-V-200A	MU-F-2A OUTLET ISOL VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-200B	MU-F-2B OUTLET ISOL VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-201	MU-F-2A/B BYPASS VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-202A	MU-F-2A VENT VALVE TO VENT HDR				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-202B	MU-F-2B VENT VALVE TO VENT HDR				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-203A	MU-F-2A DRAIN VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-203B	MU-F-2B DRAIN VALVE				OUTSIDE MU-F-2A/B FILTER ROOM ON THE WALL	1FB281020
MU-V-204A	MU-K-1A OUTLET RELIEF VALVE				AB 305' MU DEMIN ROOM OUTLET LINE	1AB305145
MU-V-204B	MU-K-1B OUTLET RELIEF VALVE				AB 305' MU DEMIN ROOM OUTLET LINE	1AB305145
MU-V-205	NORMAL MU MIN. FLOW CONTROL VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-206	MU36-FI DOWNSTREAM ISOL VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-207	NORMAL MU RB ISOLATION TEST VALVE				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-213A	MU-F-4A INLET DRAIN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-213B	MU-F-4B INLET DRAIN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-214A	MU-F-4A OUTLET DRAIN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-214B	MU-F-4B OUTLET DRAIN VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-217	HIGH CAPACITY NORMAL MU VALVE				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-218	NORMAL MU RB ISOLTEST VALVE				281 EL AB NORTH ON MEZZANINE SOUTH END	1AB281055
MU-V-219	CONTAINMENT ISOL - NORMAL MU TO RCS RBI CHECK VALVE				RB 281' ABOVE RB SUMP 15'	1RB273010
MU-V-220	B HPI LOOP BACK FLOW CK VLV FROM MU				RB 281' ABOVE RB SUMP 15' IN AIR	1RB273010
MU-V-221	NORMAL MU TO RCS CHECK VLV TEST /DRAIN				RB 281' NORTH OF RB SUMP 15 FT HIGH AT R B WALL	1RB279000
MU-V-222	NORMAL MU TO RCS ISOLATION VALVE				281 R B. 20' ABOVE MU-V-155	1RB279000
MU-V-227	MU-F-4A VENT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-228	MU-F-4B VENT VALVE				AB 305 EL MU-F-4A/B AREA	1AB305135
MU-V-229A	MU-F-4A INLET ISOLATION VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-229B	MU-F-4B INLET ISOLATION VALVE				305 EL AB MU-F-4A/B AREA	1AB305135
MU-V-230	MU-P-1A RECIRC LINE PRESSURE TEST VALVE				281 EL AB MU VALVE ALLEY WEST WALL MIDSECTION ABOVE MU-V-76A	1AB281060
MU-V-231	MU-P-1B RECIRC LINE PRESSURE TEST VALVE				281 EL AB MU VALVE ALLEY WEST WALL SOUTH END BELOW MU-V-76A	1AB281060
MU-V-232	RB PENETRATION 309 RELIEF VLV ISOLATION				AUX BLDG 281' ELEV NEAR PENETRATION 309 10' OFF THE FLOOR	1AB281055
MU-V-233	LOCAL LEAKRATE DRAIN VALVE				305 EL AUX BLDG BEHIND SEAL INJECTION FILTER AT PENETRATION 329	1AB305135
MU-V-234A	MU-P-1A SPEED INCREASER OIL SAMPLE VALVE				AUX BLDG MU-P-1A CUBICLE SOUTH SIDE OF PUMP	1AB281065A
MU-V-234B	MU-P-1B SPEED INCREASER OIL SAMPLE VALVE				AUX BLDG MU-P-1B CUBICLE SOUTH SIDE OF PUMP	1AB281065B
MU-V-234C	MU-P-1C SPEED INCREASER OIL SAMPLE VALVE				AUX BLDG MU-P-1C CUBICLE SOUTH SIDE OF PUMP	1AB281065C

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-235A	MU-P-1A PUMP/MOTOR BRG OIL SAMPLE VALVE				AUX BLDG MU-P-1A CUBICLE SOUTH SIDE OF PUMP	1AB281065A
MU-V-235B	MU-P-1B PUMP/MOTOR BRG OIL SAMPLE VALVE				AUX BLDG MU-P-1B CUBICLE SOUTH SIDE OF PUMP	1AB281065B
MU-V-235C	MU-P-1C PUMP/MOTOR BRG OIL SAMPLE VALVE				AUX BLDG MU-P-1C CUBICLE SOUTH SIDE OF PUMP	1AB281065C
MU-V-236A	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1A SEAL INJECTION FLANGE	1RB308100
MU-V-236B	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1B SEAL INJECTION FLANGE	1RB308100
MU-V-236C	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1C SEAL INJECTION FLANGE	1RB308100
MU-V-236D	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1D SEAL INJECTION FLANGE	1RB308100
MU-V-237A	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1A SEAL INJECTION FLANGE	1RB308100
MU-V-237B	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1B SEAL INJECTION FLANGE	1RB308100
MU-V-237C	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1C SEAL INJECTION FLANGE	1RB308100
MU-V-237D	RCP SEAL INJ LINE LEAKOFF "T" ISOL VLV				RX BLDG JUST BELOW RC-P-1D SEAL INJECTION FLANGE	1RB308100
MU-V-239	PENETRATION 309 TEST ISOLATION VALVE				@ PEN 309	1AB281055
MU-V-240A	MU-P-3A PUMP & MOTOR LUBE OIL RELIEF				MU-P-1A SKID INSIDE MU-T-3A	
MU-V-240B	MU-P-3B PUMP & MOTOR LUBE OIL RELIEF				MU-P-1B SKID INSIDE MU-T-3A	
MU-V-240C	MU-P-3C PUMP & MOTOR LUBE OIL RELIEF				MU-P-1C SKID INSIDE MU-T-3C	
MU-V-241A	MU-P-2A DISCHARGE CHECK VALVE				MU-P-1A SKID INSIDE MU-T-3A	
MU-V-241B	MU-P-2B DISCHARGE CHECK VALVE				MU-P-1B SKID INSIDE MU-T-3B	
MU-V-241C	MU-P-2C DISCHARGE CHECK VALVE				MU-P-1C SKID INSIDE MU-T-3C	
MU-V-242A	MU-P-3A DISCHARGE CHECK VALVE				MU-P-1A SKID INSIDE MU-T-3A	
MU-V-242B	MU-P-3B DISCHARGE CHECK VALVE				MU-P-1B SKID INSIDE MU-T-3B	
MU-V-242C	MU-P-3C DISCHARGE CHECK VALVE				MU-P-1C SKID INSIDE MU-T-3C	
MU-V-243A	MU-P-1A GEAR OIL SYSTEM RELIEF VALVE				MU PUMP CUBICLE ROOM	
MU-V-243B	MU-P-1B GEAR OIL SYSTEM RELIEF VALVE				MU PUMP CUBICLE ROOM	
MU-V-243C	MU-P-1C GEAR OIL SYSTEM RELIEF VALVE				MU PUMP CUBICLE ROOM	
MU-V-244A	MU-P-1A GEAR OIL SPRAY VALVE				MU-P-1A SPEED INCREASER - NORTH SIDE	
MU-V-244B	MU-P-1B GEAR OIL SPRAY VALVE				MU PUMP CUBICLE ROOM	
MU-V-244C	MU-P-1C GEAR OIL SPRAY VALVE				MU PUMP CUBICLE ROOM	
MU-V-245A	MU-P-4A&5A SUCTION CHECK VALVE				MU PUMP CUBICLE ROOM	
MU-V-245B	MU-P-4A&5B SUCTION CHECK VALVE				MU PUMP CUBICLE ROOM	
MU-V-245C	MU-P-4&5C SUCTION CHECK VALVE				MU PUMP CUBICLE ROOM	
MU-V-246A	MU-P-4A DISCHARGE CHECK VALVE				MU PUMP SKID	
MU-V-246B	MU-P-4B DISCHARGE CHECK VALVE				MU PUMP SKID	
MU-V-246C	MU-P-4C DISCHARGE CHECK VALVE				MU PUMP SKID	
MU-V-247A	MU-P-5A DISCHARGE CHECK VALVE				MU PUMP CUBICLE ROOM	
MU-V-247B	MU-P-5B DISCHARGE CHECK VALVE				MU PUMP CUBICLE ROOM	
MU-V-247C	MU-P-5C DISCHARGE CHECK VALVE				MU PUMP CUBICLE ROOM	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-248	MU-P-1C SUCTION VENT VALVE				OVERHEAD NORTH END EAST SIDE OF MU VALVE ALLEY	1AB281060
MU-V-249	MANUAL AIR VENT - ON MU-PUMP SUCTION HEADER				281' AB ABOVE ENTRY TO MU VALVE ALLEY	1AB281050
MU-V-25	RCP SEAL LEAK OFF RETURN RB ISOL				BTWN D RCP SEAL INJ MANIFOLD & CF-T-1B 5 HIGH ALONG OUTSIDE WALL	1RB308100
MU-V-25	CONTAINMENT ISOLATION RCP SEAL RETURN VLV OP				NEAR RCP 'D' SEAL INJ MNFLD EL.312-8	
MU-V-250A	MANUAL AIR VENT - ON MU-P-1A DISCHARGE				@287'-9" ABOVE MU-P-1A	1AB281050
MU-V-250B	MANUAL AIR VENT - ON MU-P-1B DISCHARGE				@287'-9" ABOVE MU-P-1B	1AB281050
MU-V-250C	MANUAL AIR VENT - ON MU-P-1B DISCHARGE				@287'-9" ABOVE MU-P-1B	1AB281050
MU-V-25-BK	1A ES VALVES MCC UNIT 4D				AUX BLDG 305: ROOM NORTH OF RADWASTE PANEL	1AB305130
MU-V-26	RCP SEAL RETURN RB ISOLATION VALVE				AB 305' EL CUBICLE BEHIND MU-F-4A/B STATION	1AB305135
MU-V-261	CONTAINMENT ISOLATION RCP SEAL RTRN ISO VLV OP				CUBICLE BEHIND MU-F-4A/B STATION PEN#329	
MU-V-26-20	AIR SUPPLY SOLENIOD TO MU-V-26				AB 305' EL CUBICLE BEHIND MU-F-4A/B STATION	1AB305135
MU-V-2A	"A" L/D COOLER OUT VALVE				RB 281' LETDOWN COOLER ROOM	1RB279015
MU-V-2A	CONTAINMENT ISOLATION LETDOWN CLR A OUT VLV OP				LETDOWN COOLER ROOM EL 284-0	
MU-V-2A-BK	1B ES VALVES MCC UNIT 4D				1B ES VALVES MCC UNIT 4D	1AB305100
MU-V-2B	"B" L/D COOLER OUT VLV				RB 281' LETDOWN COOLER ROOM	1RB279015
MU-V-2B	CONTAINMENT ISOLATION LETDOWN CLR B OUT VLV OP				LETDOWN COOLER ROOM EL 284-0	
MU-V-2B-BK	1B ES VALVES MCC UNIT 5D				1B ES VALVES MCC UNIT 5D 305 AUX BLD 1B ES VLVs MCC	1AB305100
MU-V-3	RCS LETDOWN RB ISOL VALVE				281 EL AB NORTH ON MEZZANINE ON SOUTH END	1AB281055
MU-V-3/SV1	RCS LETDOWN RB ISOL VALVE MU-V-3 SOLENOID				281 EL AB NORTH ON MEZZANINE ON SOUTH END	1AB281000
MU-V-32	RCP SEAL INJECTION CONTROL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-32	RCP SEAL INJECTION CONTROL VALVE ACTUATOR				EAST WALL OF MU VALVE ALLEY 5' FRM END	1AB281060
MU-V-33A	RC-P-1A SEAL NO 1 LEAK OFF ISOLATION VLV				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-33B	RC-P-1B SEAL NO 1 LEAK OFF ISOLATION VLV				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-33C	RC-P-1C SEAL NO 1 LEAK OFF ISOLATION VLV				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-33D	RC-P-1D SEAL NO 1 LEAK OFF ISOLATION VLV				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-36	MU-P-1A/1B/1C RECIRC ISOL VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-36	MU PUMPS RECIRC ISOLATION VALVE-OPERATOR				EAST OF MU VALVE ALLEY EL.287-6	
MU-V-36-BK	1A ES VALVES MCC UNIT 2D				AUX BLDG 305: ROOM NORTH OF RADWASTE PANEL	1AB305130
MU-V-37	MU-P-1A/1B/1C RECIRC VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-37	MU PUMPS RECIRC ISOL VALVE OPERATOR				EAST OF MU VALVE ALLEY EL 287-6	
MU-V-37-BK	1B ES VALVES MCC UNIT 2D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
MU-V-38	RCP SEAL #1 BYPASS FLOW ISOLATION VALVE				RX BLDG 1ST FLOOR OPPOSITE 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-39	RCP STANDPIPE FILL VALVE				RX BLDG 1ST FLOOR OPPOSITE 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-39-BK	1A ES VALVES MCC UNIT 5D				AUX BLDG 305: ROOM NORTH OF RADWASTE PANEL	1AB305130
MU-V-4	LETDOWN ORIFICE ISOL VALVE				281 EL AB MU VALVE ALLEY NORTH END EAST WALL JUST INSIDE DOOR	1AB281060
MU-V-43C	H2 AND N2 TO MU TANK CHECK VALVE				AB 281' MAKEUP TANK ROOM	1AB281070B
MU-V-44	MU TANK DRAIN TO AUX SUMP				AB 281' EL BEHIND SF-P-2 DISCHARGE VALVE MANIFOLD	1FB281010
MU-V-45A	MAKE UP TANK LIQUID SAMPLE (CE-120)				AB 281' EL BEHIND SF-P-2 DISCHARGE VALVE MANIFOLD	1FB281010
MU-V-46	MAKE UP TANK VENT ISOL VALVE				281 EL AB IN OVERHEAD ABOVE VENT DUCT ABOVE MU-C-2A/B	1FB281010
MU-V-47	MU TANK INLET ISOL (REACH ROD)				281 EL AB BEHIND SF-P-2	1AB281070B
MU-V-48	SEAL RETURN TO MU TANK TANK CHECK VLV				AB 281' MAKEUP TANK ROOM	1AB281070B
MU-V-5	LETDOWN FLOW CONTROL BYPASS VALVE				281 EL AB MU VALVE ALLEY NORTH END EAST WALL 4' ABOVE THE FLOOR	1AB281060
MU-V-51	EMERGENCY BORIC ACID ADDITION TO MU TANK				AB 281' EL BEHIND MU-C-2A/B	1FB281010
MU-V-52	MU12-FT BYPASS VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-53A	MU12-FT INLET ISOLATION VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-53B	MU12-FT OUTLET ISOLATION VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	
MU-V-54A	LITHIUM TO MU LETDOWN CHECK VALVE				BEHIND SEAL RETURN COOLER 17 HI GH 4 N OF MU-V-51 1 FROM W WALL	1FB281010
MU-V-54B	HDRAZINE TO MU LETDOWN CHECK VALVE				BEHIND SEAL RETURN COOLER 17 HI GH ABOVE MU-V-51 3 FROM W WALL	1FB281010
MU-V-55A	MU-F-1A VENT VALVE TO VENT HEADER				281 EL AB IN OVERHEAD JUST NORTH OF THE DECANT SLURRY PUMP ROOM	1AB281000
MU-V-55B	MU-F-1B VENT VALVE TO VENT HEADER				281 EL AB IN OVERHEAD JUST NORTH OF THE DECANT SLURRY PUMP ROOM	1AB281000
MU-V-56A	MU-F-1A FILTER DRAIN VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-56B	MU-F-1B FILTER DRAIN VALVE				281 EL AB DECANT SLURRY PUMP ROOM EAST WALL	1AB281070A
MU-V-57A	MU-F-1A OUTLET ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-57B	MU-F-1B OUTLET ISOL VALVE				281 EL AB DECANT SLURRY PUMP ROOM NORTH WALL	1AB281070A
MU-V-58	MU-K-1A/B DISCH SAMPLE VLV (CE-122)				B 305 EL MINI VALVE ALLEY	1AB305145
MU-V-59A	1A MU DEMIN DISCH ISOL VLV (REACH ROD)				AB 305 EL MINI VALVE ALLEY	1AB305145

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-59B	B MU DEMIN DISCH ISOL VLV (REACH ROD)				AB 305 EL MINI VALVE ALLEY	1AB305145
MU-V-61A	MU-K-1A RESIN FLUSH ISOL (REACH ROD)				B 305 EL MINI VALVE ALLEY	1AB305145
MU-V-61B	MU-K-1B RESIN FLUSH ISOL (REACH ROD)				B 305 EL MINI VALVE ALLEY	1AB305145
MU-V-62A	A MU DEMIN VENT TO VENT HEADER				AB 305 EL ABOVE DOOR TO MU-K-1A/B ROOM	1AB305140
MU-V-62B	B MU DEMIN VENT TO VENT HEADER				AB 305 EL ABOVE DOOR TO MU-K-1A/B ROOM	1AB305140
MU-V-64A	MU-P-1A RECIRC ISOL VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-64B	MU-P-1B RECIRC ISOL VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-64C	MU-P-1C RECIRC ISOL VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-68A	MU-P-1A/B SUCT HDR X-CONNECT VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-68B	MU-P-1A/B SUCT HDR X-CONNECT VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-69A	MU-P-1B/C SUCT HDR X-CONNECT VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-69B	MU-P-1B/C SUCT HDR X-CONNECT VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-6A	MU-K-1A INLET ISOLATION VALVE				AB 305 EL MINI VALVE ALLEY NORTH WALL 9' ABOVE FLOOR	1AB305145
MU-V-6B	MU-K-1B INLET ISOLATION VALVE				AB 305 EL MINI VALVE ALLEY NORTH WALL 9' ABOVE FLOOR	1AB305145
MU-V-70A	MU-K-1A/B BYPASS VALVE				AB 305 EL MINI VALVE ALLEY	1AB305145
MU-V-70B	MU-K-1A/B INLET ISOLATION VALVE				AB 305 EL MINI VALVE ALLEY	1AB305145
MU-V-72A	MU-P-1A SUCTION ISOLATION VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-72B	MU-P-1B SUCTION ISOLATION VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-72C	MU-P-1C SUCTION ISOLATION VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-73A	MU-P-1A DISCHARGE CHECK VALVE				281 EL AB MU-P-1A CUBICLE SOUTH SIDE OF MU-P-1A	1AB281065A
MU-V-73B	MU-P-1B DISCHARGE CHECK VALVE				281 EL AB MU-P-1B CUBICLE SOUTH SIDE OF MU-P-1B	1AB281065B
MU-V-73C	MU-P-1C DISCHARGE CHECK VALVE				281 EL AB MU-P-1C CUBICLE SOUTH SIDE OF MU-P-1C	1AB281065C
MU-V-74A	MU-P-1A DISCH ISOL VALVE (REACH ROD)				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-74B	MU-P-1B DISCH ISOL VALVE (REACH ROD)				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-74C	MU-P-1C DISCH ISOL VALVE (REACH ROD)				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-75	CORE FLOOD FILL FROM THE MAKE UP SYSTEM				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-76A	MU-P-1B/C DISCHARGE HDR X-CONNECT VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-76B	MU-P-1B/C DISCHARGE HDR X-CONNECT VALVE				281 EL AB WEST WALL SOUTH END OF MAKE UP ALLEY	1AB281060
MU-V-77A	MU-P-1A/B DISCHARGE HDR X-CONNECT VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-77B	MU-P-1A/B DISCHARGE HDR X-CONNECT VALVE				281 EL AB WEST WALL NORTH END MAKE UP VALVE ALLEY	1AB281060
MU-V-78	MU TANK AND PUMPS B YPASS FOR RCS FILL				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-79	MU TANK AND PUMPS BYPASS CHECK VALVE				281 EL AB WEST WALL MIDWAY DOWN MAKE UP VLV ALLEY	1AB281060
MU-V-8	LETDOWN SPLIT VALVE TO MU-T-1 OR RCBT				AB 305 EL MINI VALVE ALLEY NORTH WALL	1AB305145
MU-V-86A	"D" LOOP RCS HPI INLET CHECK VALVE				CHECK VALVE HP INJECTION TO 'D' RCP COLD LEG	1RB365300B
MU-V-86B	"C" LOOP RCS HPI INLET CHECK VALVE				CHECK VALVE HP INJECTION TO 'C' RCP COLD LEG	1RB365300B
MU-V-88A	RC-P-1A SEAL INJECTION ISOLATION VALVE				RB 305' RC-P-1A SEAL STATION	1RB308100
MU-V-88B	RC-P-1B SEAL INJECTION ISOLATION VALVE				RB 305' RC-P-1B SEAL STATION	1RB308100
MU-V-88C	RC-P-1C SEAL INJECTION ISOLATION VALVE				RB 305' RC-P-1C SEAL STATION	1RB308100
MU-V-88D	RC-P-1D SEAL INJECTION ISOLATION VALVE				RB 305' RC-P-1D SEAL STATION	1RB308100
MU-V-89A	UPSTREAM ISOL VALVE FOR MU-V-32				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-89B	DOWNSTREAM ISOL VALVE FOR MU-V-32				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-9	MU ADDITION TO LETDOWN CONTROL VALVE				281 EL AB DECANT/SLURRY PUMP ROOM	1AB281070A
MU-V-90	MU-V-32 BYPASS VALVE				281 EL AB MU VALVE ALLEY SOUTH SECTION EAST WALL	1AB281060
MU-V-91A	UPSTREAM ISOL FOR MU-V-17				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-91B	DOWNSTREAM ISOL FOR MU-V-17				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-92	MU-V-17 BYPASS VALVE				281 EL AB MU VALVE ALLEY MID SECTION EAST WALL	1AB281060
MU-V-94	"A" LOOP RCS HPI INLET CHECK VALVE				CHECK VALVE HP INJECTION TO 'B' RCP COLD LEG	1RB365300B
MU-V-95	"A" LOOP RCS HPI INLET CHECK VALVE				CHECK VALVE HP INJECTION TO 'A' RCP COLD LEG	1RB365300A
MU-V-96A	RC-P-1A SEAL LEAK OFF METER OUTLET ISOL				RX BLDG 1ST FLOOR AT 'A' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-96B	RC-P-1B SEAL LEAK OFF METER OUTLET ISOL				RX BLDG 1ST FLOOR AT 'B' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-96C	RC-P-1C SEAL LEAK OFF METER OUTLET ISOL				RX BLDG 1ST FLOOR AT 'C' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-96D	RC-P-1D SEAL LEAK OFF METER OUTLET ISOL				RX BLDG 1ST FLOOR AT 'D' RCP SEAL INJECTION MANIFOLD	1RB308100
MU-V-97A	UPSTREAM ISOL FOR MU-V-5				281 EL AB MU VALVE ALLEY EAST WALL NORTH END	1AB281060

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
MU-V-97B	DOWNSTREAM ISOLATION FOR MU-V-5				281 EL AB MU VALVE ALLEY EAST WALL NORTH END	1AB281060
MU-V-98	LETDOWN FLOW MANUAL BYPASS VALVE				281 EL AB MU VALVE ALLEY NORTH END EAST WALL	1AB281060
MU-V-99	LETDOWN BLOCK ORFICE OUTLET ISOLATION				281 EL AB MU VALVE ALLEY EAST WALL NORTH END	1AB281060
NI5	POWER RANGE UNCOMPENSATED ION CHAMBER(A13NI5)				REACTOR CAVITY	1RB321222
NI6	POWER RANGE UNCOMPENSATED ION CHAMBER(B13NI6)				REACTOR CAVITY YZ QUAD	1RB321222
NI7	POWER RANGE UNCOMPENSATED ION CHAMBER(C15NI7)				REACTOR CAVITY	1RB321222
NI-7C	PR TOP CHAMBER LINEAR AMPLIFIER(C18NI7)				CR IN RPS PANEL C1-7-4	1CB355400
NI8	POWER RANGE UNCOMPENSATED ION CHAMBER(D15NI8)				REACTOR CAVITY WZ QUAD	1RB321222
NI-V-26	CONTAINMENT ISOLATION - 650# REACTOR BLDG ISOL VLV				B SHIELDED AREA ALONG RX WALL 8 ABOVE LARGE DRAIN FUNNEL	1AB281055
NI-V-27	CONTAINMENT ISOLATION - 650# REACTOR BLDG ISOL VLV				B SHIELDED AREA ALONG RX WALL 8FT ABOVE LARGE DRAIN FUNNEL	1AB281055
NIYE11	CHANNEL 'A' NEUTRON FLUX MONITORING FISSION CHMBR				RB REACTOR CAVITY EL.317-0	1RB321222
NIYE11A	CH 'A' NEUT. FLUX MONITOR FISSION CHAMBER BACKUP				RB REACTOR CAVITY EL.317-0	1RB321222
NIYE12	CHANNEL 'B' NEUTRON FLUX MONITORING FISSION CHMBR				RB REACTOR CAVITY EL.317-0	1RB321222
NIYE12A	CH 'B' NEUT. FLUX MONITOR FISSION CHAMBER BACKUP				RB REACTOR CAVITY EL.317-0	1RB321222
NIYY11	NEUTRON FLUX MONITOR (WR) AMPLIFIER	FHB	281	NEUTRON TANK ROOM		
NIYY12	NEUTRON FLUX MONITOR (WR) AMPLIFIER	FHB	281	CHILLER ROOM EL 286'		
NNI CABINET 12	ICS/NNI CAB 12 - SECONDARY PLANT SUBSYSTEM CABINET	CB	338-6	RELAY ROOM WEST WALL		
NNI CABINET 13	ICS/NNI CAB 13 - REACTOR COOLANT	CB	338-6	RELAY ROOM WEST WALL		
NNI CABINET 14	ICS/NNI CAB 14 - REACTOR COOLANT	CB	338-6	RELAY ROOM WEST WALL		
NNI CABINET 15	ICS/NNI CAB 15 - REACTOR COOLANT	CB	338-6	RELAY ROOM WEST WALL		
NNI CABINET 4	ICS/NNI CAB 4 - CORE FLOOD-ICW-DECAY HT.	CB	338-6	RELAY ROOM SOUTH WALL		
NNI CABINET 5	ICS/NNI CAB 5 - REACTOR BLDG SPRAY	CB	338-6	RELAY ROOM SOUTH WALL		
NNI CABINET 6	ICS/NNI CAB 6 - MAKEUP & PURIF.	CB	338-6	RELAY ROOM SOUTH WALL		
NNI CABINET 7	ICS/NNI CAB 7 - CHEM ADD & SF	CB	338-6	RELAY ROOM SOUTH WALL		
NR-FE-1152A	NR-P-1A DISCHARGE TEST FLOW ANNUBAR				DISCH PIPE OF NR-P-1A 5' ABOVE GRATE	1RWPH 120
NR-FE-1152B	NR-P-1B DISCHARGE TEST FLOW ANNUBAR				DICH PIPE OF NR-P-1B 5' ABOVE GRATE	1RWPH 120
NR-FE-1152C	NR-P-1C DISCHARGE TEST FLOW ANNUBAR				DICH PIPE OF NR-P-1C 5' ABOVE GRATE	1RWPH 120
NR-P-0001A	NUC SVC COOL RIVER WATER 'A' PUMP	IPH	308	SOUTHERN MOST P		
NR-P-0001B	NUC SVC COOL RIVER WATER 'B' PUMP	IPH	308	N PUMP ROOM SOU		
NR-P-0001C	NUC SVC COOL RIVER WATER 'C' PUMP	IPH	308	N PUMP ROOM NOR		
NR-P-1A	'A' NUC RIVER PUMP				SCREENHOUSE 305 ELEVATION, SOUTHERN-MOS T PUMP	1RWPH 100
NR-P-1A-BK	1R 480V ES SWGR UNIT 2B				SCREEN HOUSE: SOUTH AREA	1RWPH 100
NRP1B RELAY PANEL	WALL MOUNTED RELAY PANEL	IPH	305	ON WALL NEXT TO NR-S-1B		
NR-P-1B-BKR	1R 480V ES SWGR UNIT 3A				SCREEN HOUSE: SOUTH AREA	1RWPH 100
NR-P-1B-BKT	1T 480V ES SWGR UNIT 3A				SCREEN HOUSE: NORTH AREA	1RWPH 100
NR-P-1C	'C' NUC RIVER PUMP				SCREENHOUSE 305 ELEVATION, NORTH PUMP ROOM, NORTHERN MOST PUMP	1RWPH 100
NR-P-1C-BK	1T 480V ES SWGR UNIT 2B				SCREEN HOUSE: NORTH AREA	1RWPH 100

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-PT-217	NUC RIVER COOLER INLET PRESS				HT EXCHANGER VLT @ THE NUCLEAR RIVER INLET PIPE, 5FT S OF NR-V-5	1AB271080
NR-S-1A	NR-S-1A CONTROL PANEL				SOUTHERN MOST STRAINER, W OF NR-P-1A	
NR-S-1A	NR-P-1A DISCHARGE STRAINER				SCREENHOUSE 305 ELEVATION, SERN MOST STRAINER, WEST OF NR-P-1A	1RWPH 100
NR-S-1A	(UNIT 1BL)NR WATER PUMP A DISCHG STRAINER				SE END RED 1A ESSH 480V MCC 1BL	1RWPH 100
NR-S-1B	NR-S-1B CONTROL PANEL				N PMP RM, SOUTHRN MOST STRNR, W NR-P-1B	
NR-S-1B	NR-P-1B DISCHARGE STRAINER				SCREENHOUSE 305 ELEV, N PMP RM, SERN MOST STRAINER, W OF NR-P-1B	1RWPH 100
NR-S-1B	(UNIT 13AL)NR WATER PUMPB DISCHG STRAINER				NE CORNER 1C ESV 480V VCC 13AL	1FB281015
NR-S-1C	NR-S-1C CONTROL PANEL				N PMP RM, NTRHRN MOST STRNR W OF NR-P-1C	
NR-S-1C	NR-P-1C DISCHARGE STRAINER				SCREENHOUSE 305 ELEV, N PMP RM, NERN MOST STRAINER W OF NR-P-1C	1RWPH 100
NR-S-1C	(UNIT 1DL)NR WATER PUMP C DISCHG STRAINER				NE SIDE 1B ESSH 480V MCC UNIT 1DL	
NR-V-0001A	NUC RIVER PUMP A DISCH VLV	IPH	308	NR-P-1A DISCH N		
NR-V-0001B	NUC PUMP RIVER PUMP B DISCH VLV	IPH	308	NR-P-1B DISCH N		
NR-V-0001C	NUC RIVER PUMP C DISCH VLV	IPH	308	NR-P-1C DISCH S		
NR-V-0002	NR TO SR HEADER ISOL VALVE	IPH	308	NR TO SR CROSS		
NR-V-0003	NUC RIVER PUMP HDR OUTLET VLV	IPH	308	NUC RVR LINE IS		
NR-V-0004A	DEICING MU VALVE A	AB	271	HT EX VAULT NW		
NR-V-0004B	DEICING MU VALVE B	AB	271	HT EX VAULT NW		
NR-V-0005	NR SUPPLY ISOL VALVE	AB	271	HT EX VAULT WC		
NR-V-0006	NR/SR CROSS CONNECT VALVE	AB	271	HT EX VAULT WWALL BY CAGE		
NR-V-0007	NR TO SR HEADER ISOL VALVE	IPH	308	NORTH PUMP ROOM		
NR-V-0008A	NS-C-1A INLET ISOLATION VALVE	AB	271	NS-C-1A N END		
NR-V-0008B	NS-C-1B INLET ISOL VALVE	AB	271	NS-C-1B N END		
NR-V-0008C	NS-C-1C INLET ISOL VALVE	AB	271	NS-C-1C N END		
NR-V-0008D	NS-C-1D INLET ISOL VALVE	AB	271	NS-C-1D N END		
NR-V-0010A	IC-C-1A INLET ISOLATION VALVE	AB	271	N END OF INT CL		
NR-V-0010B	IC-C-1B INLET ISOL VLV	AB	271	N END OF INT CL		
NR-V-0015A	IC-C-1A OUTLET ISOL VLV	AB	271	N END OF 'A' IN		
NR-V-0015B	IC-C-1B OUTLET ISOL VLV	AB	271	N END OF 'A' IN		
NR-V-0016A	NS-C-1A OUTLET ISOL VALVE	AB	271	S END OF 'A' NS		
NR-V-0016B	NS-C-1B OUTLET ISOL VALVE	AB	271	HEAT EXCHANGER VAULT		
NR-V-0016C	NS-C-1C OUTLET ISOL VALVE	AB	271	HEAT EXCHANGER VAULT		
NR-V-0016D	NS-C-1D OUTLET ISOL VALVE	AB	271	HEAT EXCHANGER VAULT		
NR-V-0018	NR SYSTEM OUTLET SHUTOFF VALVE	AB	271	HT EXCH VAULT S		
NR-V-0019	EMERGENCY DE-ICING VALVE	AB	271	HT EXCH VAULT S		
NR-V-0021A	IC-C-1A TUBE SIDE RELIEF VALVE	AB	271	N END OF IC-C-A		
NR-V-0021B	IC-C-1B TUBE SIDE RELIEF VALVE	AB	271	N END OF IC-C-B		
NR-V-0025A	NS-C-1A TUBE SIDE RELIEF VALVE	AB	271	N END OF NS-C-1A		
NR-V-0025B	NS-C-1B TUBE SIDE RELIEF VALVE	AB	271	N END OF NS-C-1B		
NR-V-0025C	NS-C-1C TUBE SIDE RELIEF VALVE	AB	271	N END OF NS-C-1C		
NR-V-0025D	NS-C-1D TUBE SIDE RELIEF VALVE	AB	271	N END OF NS-C-1D		
NR-V-100	ISOLATION VALVE FOR NR SUPPLY TO ICCW COOLERS				AUX. BLDG HEAT EXCHANGER VAULT	1AB271080
NR-V-1000	NR-PI-122 ISOLATION VALVE				NORTH END OF IC-C-1A	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-1001	NR-PI-123 ISOLATION VALVE				NORTH END OF IC-C-1A	1AB271080
NR-V-1002	NR-PI-124 ISOLATION VALVE				NORTH END OF INT CL COOLERS	1AB271080
NR-V-1003	NR-PI-125 ISOLATION VALVE				NORTH END OF INT CL COOLERS	1AB271080
NR-V-1004	NR-PI-126 ISOLATION VALVE				NORTH END OF 'A' COOLER	1AB271080
NR-V-1005	NR-PI-127 ISOLATION VALVE				SOUTH END OF 'A' COOLER	1AB271080
NR-V-1006	NR-PI-128 ISOLATION VALVE				NORTH END OF 'B' COOLER	1AB271080
NR-V-1007	NR-PI-129 ISOLATION VALVE				SOUTH END OF 'B' COOLER	1AB271080
NR-V-1008	NR-PI-130 ISOLATION VALVE				NORTH END OF 'C' COOLER	1AB271080
NR-V-1009	NR-PI-131 ISOLATION VALVE				SOUTH END OF 'C' COOLER	1AB271080
NR-V-101	ISOLATION VALVE FOR NR OUTLET FROM IC COOLERS				AB 271 CHAIN OPERATED FROM N END OF DC-C-2B	1AB271080
NR-V-1010	NR-PI-132 ISOLATION VALVE				NORTH END OF 'D' COOLER	1AB271080
NR-V-1011	NR-PI-133 ISOLATION VALVE				SOUTH END OF 'D' COOLER	1AB271080
NR-V-1012	NR-DPIS-137 HI SIDE ISOLATION VALVE				SOUTH OF NR-S-1A	1RWPH 100
NR-V-1013	NR-DPIS-137 LO SIDE ISOLATION VALVE				SOUTH OF NR-S-1A	1RWPH 100
NR-V-1014	NR-DPIS-138 HI SIDE ISOLATION VALVE				SOUTH OF NR-S-1B	1RWPH 100
NR-V-1015	NR-DPIS-138 LO SIDE ISOLATION VALVE				SOUTH OF NR-S-1B	1RWPH 100
NR-V-1016	NR-DPIS-139 HI SIDE ISOLATION VALVE				SOUTH OF NR-S-1C	1RWPH 100
NR-V-1017	NR-DPIS-139 LO SIDE ISOLATION VALVE				SOUTH OF NR-S-1C	1RWPH 100
NR-V-1018	NR-DPI-137 EQUALIZATION VALVE				SOUTH OF NR-S-1A	1RWPH 100
NR-V-1019	NR-DPI-138 EQUALIZATION VALVE				SOUTH OF NR-S-1B	1RWPH 100
NR-V-1020	NR-DPI-139 EQUALIZATION VALVE				SOUTH OF NR-S-1C	1RWPH 100
NR-V-1021	NR-PT-217 ISOLATION VALVE				HEAT EX VAULT N.W. CORNER ON NSRW HDR	1AB271080
NR-V-1022	NR-PT-217 ISOLATION VALVE				HEAT EX VAULT NW CORNER ON NSRW HDR	1AB271080
NR-V-1023	NR-PT-217 DRAIN VALVE				HEAT EX VAULT NW CORNER ON NSRW HDR	1AB271080
NR-V-1024	NR-DPIS-137 HI SIDE DRAIN VALVE				SOUTH OF NR-S-1A	1RWPH 100
NR-V-1025	NR-DPIS-137 LO SIDE DRAIN VALVE				SOUTH OF NR-S-1A	1RWPH 100
NR-V-1026	NR-DPIS-138 HI SIDE DRAIN VALVE				SOUTH OF NR-S-1B	1RWPH 100
NR-V-1027	NR-DPIS-138 LO SIDE DRAIN VALVE				SOUTH OF NR-S-1B	1RWPH 100
NR-V-1028	NR-DPIS-139 HI SIDE DRAIN VALVE				SOUTH OF NR-S-1C	1RWPH 100
NR-V-1029	NR-DPIS-139 LO SIDE DRAIN VALVE				SOUTH OF NR-S-1C	1RWPH 100
NR-V-1031	NR-DPS-508A LO SIDE ISOLATION VALVE				SOUTH OF NR-P-1A DISCH CHECK VALVE	1RWPH 100
NR-V-1033	NR-DPS-508B LO SIDE ISOLATION VALVE				EAST OF NR-P-1B DISCH CHECK VALVE	1RWPH 100
NR-V-1035	NR-DPS-508C LO SIDE ISOLATION VALVE				SOUTH WEST OF NR-P-1C	1RWPH 100
NR-V-1045	NR-FI-290 HOT TAP FLOW ELEMENT ISOL VALV				SOUTH END OF HT EX VAULT ON DE-ICE HDR	1AB271080
NR-V-1049A	NR-FE-1152A ANNUBAR ISOLATION VALVE				290 ELEV. (GRATING) DISCH PIPE OF NR-P-1A 5 ABV GRATING	1RWPH 100
NR-V-1049B	NR-FE-1152B ANNUBAR ISOLATION VALVE				290 ELEV. (GRATING) DISCH PIPE OF NR-P-1B 5 ABV GRATING	1RWPH 100
NR-V-1049C	NR-FE-1152C ANNUBAR ISOLATION VALVE				290 ELEV. (GRATING) DISCH PIPE OF NR-P-1C 5 ABV GRATING	1RWPH 100
NR-V-10A	IC-C-1A RIVER INLET VALVE				NORTH END OF INT CLOSED COOLER 1A	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-10A	IC-C-1A INLET ISOLATION VALVE OPERATOR				BETWEEN CENTER WALL AND COL. 8C	
NR-V-10A-BK	1A ES VALVES MCC UNIT 9C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-10B	IC-C-1B RIVER INLET VALVE				NORTH END OF INT CLOSED COOLER 1B	1A271080
NR-V-10B	IC-C-1B INLET ISOLATION VALVE OPERATOR				BETWEEN CENTER WALL & COL. 8C	
NR-V-10B-BK	1A ES VALVES MCC UNIT 9D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-11A	IC-C-1A BACKWASH INLET VALVE				NORTH END OF INT CL COOLERS	1A271080
NR-V-11B	IC-C-1B BACKWASH INLET VALVE				NORTH END OF INT CL COOLERS	1A271080
NR-V-12A	NS-C-1A BACKWASH OUTLET VALVE				NORTH END OF 'A' COOLER	1A271080
NR-V-12B	NS-C-1B BACKWASH OUTLET VALVE				NORTH END OF 'B' COOLER	1A271080
NR-V-12C	NS-C-1C BACKWASH OUTLET VALVE				NORTH END OF 'C' COOLER	1A271080
NR-V-12D	NS-C-1D BACKWASH OUTLET VALVE				NORTH END OF 'D' COOLER	1A271080
NR-V-13A	NS-C-1A BACKWASH INLET VALVE				SOUTH END OF 'A' COOLER	1A271080
NR-V-13B	NS-C-1B BACKWASH INLET VALVE				SOUTH END OF 'B' COOLER	1A271080
NR-V-13C	NS-C-1C BACKWASH INLET VALVE				SOUTH END OF 'C' COOLER	1A271080
NR-V-13D	NS-C-1D BACKWASH INLET VALVE				SOUTH END OF 'D' COOLER	1A271080
NR-V-14A	IC-C-1A BACKWASH OUTLET VALVE				NORTH END OF 'A' INTERMEDIATE CLOSED COOLER	1A271080
NR-V-14B	IC-C-1B BACKWASH OUTLET VALVE				NORTH END OF 'B' INTERMEDIATE CLOSED COOLER	1A271080
NR-V-15A	IC-C-1A RIVER OUTLET VALVE				NORTH END OF 'A' INTERMEDIATE CLOSED COOLER	1A271080
NR-V-15A	IC-C-1A OUTLET ISOLATION VALVE OPERATOR				IC-C-1A OUTLET	1A271080
NR-V-15A-BK	1B ES VALVES MCC UNIT 9C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-15B	IC-C-1B RIVER OUTLET VALVE				NORTH END OF 'A' INTERMEDIATE CLOSED COOLER	1A271080
NR-V-15B	IC-C-1B OUTLET ISOLATION VALVE OPERATOR				IC-C-1B OUTLET	1A271080
NR-V-15B-BK	1B ES VALVES MCC UNIT 9D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-16A	NS-C-1A RIVER OUTLET VALVE				SOUTH END OF 'A' NSCC COOLER	1A271080
NR-V-16A	NS-C-1A OUTLET ISOLATION VALVE OPERATOR				NS-C-1A OUTLET	1A271080
NR-V-16A-BK	1A ES VALVES MCC UNIT 8A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-16B	NS-C-1B RIVER OUTLET VALVE				SOUTH END OF 'B' NSCC COOLER	1A271080
NR-V-16B	NS-C-1B OUTLET ISOLATION VALVE OPERATOR				NS-C-1B OUTLET	1A271080
NR-V-16B-BK	1A ES VALVES MCC UNIT 8B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-16C	NS-C-1C RIVER OUTLET VALVE				SOUTH END OF 'C' NSCC COOLER	1A271080
NR-V-16C	NS-C-1C OUTLET ISOLATION VALVE OPERATOR				NS-C-1C OUTLET	1A271080
NR-V-16C-BK	1B ES VALVES MCC UNIT 8A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130
NR-V-16D	NS-C-1D RIVER OUTLET VALVE				SOUTH END OF 'D' NSCC COOLER	1A271080
NR-V-16D	NS-C-1D OUTLET ISOLATION VALVE OPERATOR				NS-C-1D OUTLET	1A271080
NR-V-16D-BK	1B ES VALVES MCC UNIT 8B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1A305130

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-18-BK	1C ES VALVES MCC UNIT 7D				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
NR-V-19-BK	1C ES VALVES MCC UNIT 5D				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
NR-V-1A	NR-P-1A DISCHARGE VALVE				NR-P-1A DISCHARGE NORTHEAST CORNER OF SCREEN HOUSE	1RWPH 100
NR-V-1A	NUC RIVER PUMP A DISCHRG VALVE OPERATOR				1ST PUMP FROM NORTH WALL	
NR-V-1A-BK	1A ES SCREEN HOUSE MCC UNIT 12B				SCREEN HOUSE: SOUTH AREA	1RWPH 100
NR-V-1B	NR-P-1B DISCHARGE VALVE				NR-P-1B DISCHARGE NORTH OF SCREEN HOUSE DIVIDING WALL	1RWPH 100
NR-V-1B	NUC RIVER PUMP B DISCHRG VALVE OPERATOR				6TH PUMP FROM NORTH WALL	
NR-V-1B-BK	1C ES VALVES MCC UNIT 2A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
NR-V-1C	NR-P-1C DISCHARGE VALVE				NR-P-1C DISCHARGE SOUTHEAST CORNER OF SCREEN HOUSE	1RWPH 100
NR-V-1C	NUC RIVER PUMP C DISCHRG VALVE OPERATOR				13TH PUMP FM N WALL	
NR-V-1C-BK	1B ES SCREEN HOUSE MCC UNIT 1B				SCREEN HOUSE: NORTH AREA	1RWPH 100
NR-V-2	NUC RIVER TO SEC RIVER ISOLATION VALVE				NUC RIVER TO SEC RIVER CROSS TIE NORTH WALL OF SCREEN HOUSE	1RWPH 100
NR-V-2	NR TO SR HEADER ISOLATION VALVE OPERATOR				NORTHWEST OF NR-P-1A	
NR-V-20A	NR-P-1A DISCHARGE CHECK VALVE VALVE				CHECK VALVE	1RWPH 100
NR-V-20B	NR-P-1B DISCHARGE CHECK VALVE VALVE				CHECK VALVE	1RWPH 100
NR-V-20C	NR-P-1C DISCHARGE CHECK VALVE VALVE				CHECK VALVE	1RWPH 100
NR-V-21A	IC-C-1A TUBE SIDE RELIEF VALVE				NORTH END OF 'A' INT CLOSED COOLER - RELIEF VALVE	1AB271080
NR-V-21B	IC-C-1B TUBE SIDE RELIEF VALVE				NORTH END OF 'B' INT CLOSED COOLER - RELIEF VALVE	1AB271080
NR-V-22A	NR-P-1A VACUUM BREAKER VALVE				INTAKE SCREEN AND PUMP HOUSE UPSTREAM OF DISCHARGE CHECK VALVES	1RWPH 100
NR-V-22B	NR-P-1B VACUUM BREAKER VALVE				INTAKE SCREEN AND PUMP HOUSE UPSTREAM OF DISCHARGE CHECK VALVE	1RWPH 100
NR-V-22C	NR-P-1C VACUUM BREAKER VALVE				INTAKE SCREEN AND PUMP HOUSE UPSTREAM OF DISCHARGE CHECK VALVE	1RWPH 100
NR-V-23A	NS-C-1A TUBE SHEET DRAIN VALVE				NORTH END OF 'A' NSCC COOLER	1AB271080
NR-V-23B	NS-C-1B TUBE SHEET DRAIN VALVE				NORTH END OF 'B' NSCC COOLER	1AB271080
NR-V-23C	NS-C-1C TUBE SHEET DRAIN VALVE				NORTH END OF 'C' NSCC COOLER	1AB271080
NR-V-23D	NS-C-1D TUBE SHEET DRAIN VALVE				NORTH END OF 'D' NSCC COOLER	1AB271080
NR-V-24A	NS-C-1A TUBE SHEET DRAIN VALVE				SOUTH END OF 'A' NSCC COOLER	1AB271080
NR-V-24B	NS-C-1B TUBE SHEET DRAIN VALVE				SOUTH END OF 'B' NSCC COOLER	1AB271080
NR-V-24C	NS-C-1C TUBE SHEET DRAIN VALVE				SOUTH END OF 'C' NSCC COOLER	1AB271080
NR-V-24D	NS-C-1D TUBE SHEET DRAIN VALVE				SOUTH END OF 'D' NSCC COOLER	1AB271080
NR-V-25A	NS-C-1A TUBE SIDE RELIEF VALVE				NORTH END OF NSCC COOLERS	1AB271080
NR-V-25B	NS-C-1B TUBE SIDE RELIEF VALVE				NORTH END OF NSCC COOLERS	1AB271080
NR-V-25C	NS-C-1C TUBE SIDE RELIEF VALVE				NORTH END OF NSCC COOLERS	1AB271080
NR-V-25D	NS-C-1D TUBE SIDE RELIEF VALVE				NORTH END OF NSCC COOLERS	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-26A	IC-C-1A TUBE SIDE DRAIN VALVE				SOUTH END OF INT CLOSED COOLER 'A'	1AB271080
NR-V-26B	IC-C-1B TUBE SIDE DRAIN VALVE				SOUTH END OF INT CLOSED COOLER 'B'	1AB271080
NR-V-27A	IC-C-1A TUBE SIDE VENT VALVE				SOUTH END OF INT CLOSED COOLER 'A'	1AB271080
NR-V-27B	IC-C-1B TUBE SIDE VENT VALVE				SOUTH END OF INT CLOSED COOLER 'B'	1AB271080
NR-V-28	NUC RIVER SAMPLE LINE VALVE				HEAT EXCHANGER VAULT SOUTH WALL ON DEICE HEADER	1AB271080
NR-V-29	VACUUM BKR ON RETURN LINE TO MDCT VALVE				HEAT EXCHANGER VAULT SOUTH WALL ON DEICE HEADER 20' ABOVE FLOOR	1AB271080
NR-V-2-BK	1A ES SCREEN HOUSE MCC UNIT 2A				SCREEN HOUSE, SOUTH AREA	1RWPH 100
NR-V-3	NUC RIVER PUMP HEADER OUTLET VALVE				NUC RIVER LINE ISOLATION NORTH WALL OF SCREEN HOUSE	1RWPH 100
NR-V-3	NUC RIVER PUMP HDR OUTLET VALVE OPERATOR				NORTH WALL NEAR NR-P-1A	
NR-V-30	VACUUM BKR ISOLATION VALVE				HEAT EXCHANGER VAULT SOUTH WALL ON DEICE HEADER 20' ABOVE FLOOR	1AB271080
NR-V-31	NUC RIVER PUMP HEADER DRAIN VALVE				SCREEN HOUSE BASEMENT ON COMMON HEADER ON GRATING	1RWPH 100
NR-V-32	NUC RIVER VENT AT NR/SR HEADER VALVE				SCREEN HOUSE ON NE WALL ON HR SR HEADER	1RWPH 100
NR-V-33	NUC RIVER DRN AT NR/SR HEADER VALVE				SCREEN HOUSE ON NE HEADER ON GRATING	1RWPH 100
NR-V-34	NR PUMP DISCH HEADER VENT VALVE				HEAT EXCHANGER VAULT ON NW CORNER ON NSR WHDR	1AB271080
NR-V-35	NR PUMP DISCH HEADER DRAIN VALVE				HEAT EXCHANGER VAULT ON NW CORNER ON NSR WHDR	1AB271080
NR-V-36	NR COOLER INLET HEADER DRAIN VALVE				HEAT EXCHANGER VAULT ON NW CORNER ON NSR WHDR	1AB271080
NR-V-37	MAKEUP TO CIRC WATER VENT VALVE				HEAT EXCHANGER VAULT ON NW CORNER ON NSR WHDR	1AB271080
NR-V-38	CIRC WATER MAKEUP DRAIN VALVE				HEAT EXCHANGER VAULT ON NW CORNER ON NSR WHDR	1AB271080
NR-V-39A	NS-C-1A RIVER INLET VENT VALVE				NORTH END OF NSCC COOLER 'A'	1AB271080
NR-V-39B	NS-C-1B RIVER INLET VENT VALVE				NORTH END OF NSCC COOLER 'B'	1AB271080
NR-V-39C	NS-C-1C RIVER INLET VENT VALVE				NORTH END OF NSCC COOLER 'C'	1AB271080
NR-V-39D	NS-C-1D RIVER INLET VENT VALVE				NORTH END OF NSCC COOLER 'D'	1AB271080
NR-V-3-BK	1A ES SCREEN HOUSE MCC UNIT 2B				SCREEN HOUSE, SOUTH AREA	1RWPH 100
NR-V-40A	IC-C-1A TUBE SHEET DRAIN VALVE				NORTH END OF INT CLOSED COOLER 'A'	1AB271080
NR-V-40B	IC-C-1B TUBE SHEET DRAIN VALVE				NORTH END OF INT CLOSED COOLER 'B'	1AB271080
NR-V-41	DISCH TO MDCT OR DE-ICE VENT VALVE				HEAT EXCHANGER VAULT SOUTH WALL AT DEICE HDR	1AB271080
NR-V-42	DISCH TO MDCT OR DE-ICE DRN VALVE				HEAT EXCHANGER VAULT SOUTH WALL AT DEICE HDR	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-43	DE-ICE LINE VENT VALVE				HEAT EXCHANGER VAULT SOUTH WALL AT DEICE HDR	1AB271080
NR-V-4A	MAKE UP TO CW FLUME				HT EX VAULT NORTH WEST CORNER ON NUC SER RIVER WATER HDR	1AB271080
NR-V-4A	DEICING MAKEUP A VALVE OPERATOR				NORTHWEST CORNER ON HEADER	
NR-V-4A-BK	1A ES VALVES MCC UNIT 7C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-4B	DEICING MAKEUP B VALVE OPERATOR				NORTHWEST CORNER ON HEADER	
NR-V-4B	MAKEUP TO CIRC WATER VALVE				HT EX VAULT NORTH WEST CORNER ON NUC SER RIVER WATER HDR	1AB271080
NR-V-4B-BK	1B ES VALVES MCC UNIT 7C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-5	NUC RIVER SH ISOLATION VALVE OPERATOR				NORTHWEST CORNER ON HEADER	
NR-V-5	NUC RIVER SH ISOLATION VALVE				HT EX VAULT NORTH WEST CORNER ON NUC SER RIVER WATER HDR	1AB271080
NR-V-52	MECH JUMPER TO DECAY RIVER VALVE				HEAT EX VAULT NORTH WALL NEAR DH-C-1B	1AB271080
NR-V-5-BK	1A ES VALVES MCC UNIT 8D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-6	NR/SR CROSS CONNECT VALVE OPERATOR				WEST WALL AT CAGE AREA	
NR-V-6	NUC/SEC RIVER CROSS CONNECT VALVE				HT EX VAULT WEST WALL AT CAGE AREA	1AB271080
NR-V-60A	NR-S-1A AUTO VENT ISOLATION VALVE				ON TOP OF NR-S-1A	1RWPH 100
NR-V-60B	NR-S-1B AUTO VENT ISOLATION VALVE				ON TOP OF NR-S-1B	1RWPH 100
NR-V-60C	NR-S-1C AUTO VENT ISOLATION VALVE				ON TOP OF NR-S-1C	1RWPH 100
NR-V-6-BK	1B ES VALVES MCC UNIT 10D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-76A	NR-S-1A AUTO VENT VALVE				SCREEN HOUSE ON NR-S-1A	1RWPH 100
NR-V-76B	NR-S-1B AUTO VENT VALVE				SCREEN HOUSE ON NR-S-1B	1RWPH 100
NR-V-76C	NR-S-1C AUTO VENT VALVE				SCREEN HOUSE ON NR-S-1C	1RWPH 100
NR-V-7-BK	1B ES SCREEN HOUSE MCC UNIT 2A				SCREEN HOUSE: NORTH AREA	1RWPH 100
NR-V-8A	NS-C-1A INLET ISOLATION VALVE OPERATOR				NS-C-1A NORTH END	
NR-V-8A	NS-C-1A RIVER INLET VALVE				NORTH END OF 'A' COOLER	1AB271080
NR-V-8A-BK	1A ES VALVES MCC UNIT 9A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-8B	NS-C-1B INLET ISOLATION VALVE OPERATOR				NS-C-1B NORTH END	
NR-V-8B	NS-C-1B RIVER INLET VALVE				NORTH END OF 'B' COOLER	1AB271080
NR-V-8B-BK	1A ES VALVES MCC UNIT 9B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-8C	NS-C-1C INLET ISOLATION VALVE OPERATOR				NS-C-1C NORTH END	
NR-V-8C	NS-C-1C RIVER INLET VALVE				NORTH END OC 'C' COOLER	1AB271080
NR-V-8C-BK	1B ES VALVES MCC UNIT 9A				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-8D	NS-C-1D INLET ISOLATION VALVE OPERATOR				NS-C-1D NORTH END	
NR-V-8D	NS-C-1D RIVER INLET VALVE				NORTH END OF 'D' COOLER	1AB271080
NR-V-8D-BK	1B ES VALVES MCC UNIT 9B				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NR-V-92	INLET NR COOLING INLET/OU TLET HDR ISOLATIN VALVE				HEAT EX. VAULT	1AB271080
NR-V-93	OUTLET NR COOLING INLET/OUTLET HDR ISOLATIN VALVE				HEAT EX. VAULT	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NR-V-97A	POLY PHOSPHATE INJECTION LINE FOR NR-P-1A CHECK VALVE				RIVER WATER PUMP AND SCREEN HOUSE	1RWPH 100
NR-V-97B	POLY PHOSPHATE INJECTION LINE FOR NR-P-1B CHECK VALVE				RIVER WATER PUMP AND SCREEN HOUSE	1RWPH 100
NR-V-97C	POLY PHOSPHATE INJECTION LINE FOR NR-P-1C CHECK VALVE				RIVER WATER PUMP AND SCREEN HOUSE	1RWPH 100
NR-V-99	BIOCIDE INJECT ISOLATION VALVE				HX VAULT WEST WALL AT CAGE AREA, AUX, 271'	1AB271080
NS-C-0001A	NUCLEAR SERVICES CLOSED COOLING WATER HEAT EXCHANGER 1A	AB	271	HEAT EXCHANGE VAULT N		
NS-C-0001B	NUCLEAR SERVICES CLOSED COOLING WATER HEAT EXCHANGER 1B	AB	271	HEAT EXCHANGE VAULT N		
NS-C-0001C	NUCLEAR SERVICES CLOSED COOLING WATER HEAT EXCHANGER 1C	AB	271	HEAT EXCHANGE VAULT N		
NS-C-0001D	NUCLEAR SERVICES CLOSED COOLING WATER HEAT EXCHANGER 1D	AB	271	HEAT EXCHANGE VAULT N		
NS-FE-292	NUC SERVICES FLOW TO RIVER WATER H/X				AUX BLDG 281 HALLWAY TO HEAT EXCHANGER V AULT SOUTH SIDE	1AB281002
NS-P-0001A	NUC SVC CLOSED COOLING WATER 'A' PUMP	AB	305	NS PUMP CUB M6C		
NS-P-0001B	NUC SVC CLOSED COOLING WATER 'B' PUMP	AB	305	NS PUMP CUB M6C		
NS-P-0001C	NUC SVC CLOSED COOLING WATER 'C' PUMP	AB	305	NS PUMP CUB MCD		
NS-P-1A-BK	1P 480V ES SWGR UNIT 3C				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
NS-P-1A-MH	CT-5 SW# 16 : NS-P-1A MOTOR HEATER				CONTROL TWR 322: 1A ES MCC	1CB322200
NS-P-1B-BKP	1P 480V ES SWGR UNIT 3D				CONTROL TWR 322: IN 1P SWGR ROOM	1CB322200
NS-P-1B-BKS	1S 480V ES SWGR UNIT 3D				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
NS-P-1B-MH	CT-E SW# 15: NS-P-1B MOTOR HEATER				CONTROL TWR 322: 1B ES MCC	1CB322200
NS-P-1C-BK	1S 480V ES SWGR UNIT 3C				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
NS-P-1C-MH	CT-E SW# 16: NS-P-1C MOTOR HEATER				CONTROL TWR 322: IN 1S SWGR ROOM	1CB322200
NS-T-0001	NUC SERV CLOSED COOLING WATER SURGE TANK	FHB	348	W OF SFP A		
NS-T-0002	NUC SERV CC CHEM MIX TANK	AB	305	N OF IC-P-1A		
NS-TE-229	NUC SERVICE DISCH HDR TEMP ELEMENT				AUX BLDG 315 MEZZANINE ABOVE DC-P-1A 7A BOVE FLOOR	1AB305130
NS-TE-231	SF-C-1A COOLING OUTLET TEMP ELEMENT				FH BUILDING 305 NORTH OF ELE VATOR 20 ABOVE FLOOR 4.5	1AB305100
NS-TE-232	SF-C-1B COOLING OUTLET TEMP ELEMENT				FH BUILDING 305 NORTH OF ELE VATOR 20 ABOVE FLOOR 6	1AB305100
NS-TE-236	NSCC RETURN TEMP TO COOLERS				AUX BLDG 281 TOP OF STEPS TO HEAT EXCHAN GER VAULT	1AB281002
NS-TE-237	NS-C-1A OUTLET TEMP ELEMENT				AUX BLDG HEAT EXCHANGER VAULT NORTH END OF NS-C-1A	1AB271080
NS-TE-238	NS-C-1B OUTLET TEMP ELEMENT				AUX BLDG HEAT EXCHANGER VAULT NORTH END OF NS-C-1B	1AB271080
NS-TE-239	NS-C-1C OUTLET TEMP ELEMENT				AUX BLDG HEAT EXCHANGER VAULT NORTH END OF NS-C-1C	1AB271080
NS-TE-240	NS-C-1D OUTLET TEMP ELEMENT				AUX BLDG HEAT EXCHANGER VAULT NORTH END OF NS-C-1D	1AB271080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-0004	CONTAINMENT ISOL RCP MOTOR COOLER RETURN	AB	305	20' NE OF IC-F-1A		
NS-V-0015	CONTAINMENT ISOL RCP MOTOR COOLER SUPPLY	AB	305	20' NE OF IC-P-1A		
NS-V-0016A	SPENT FUEL POOL A INLET VLV	FHB	305	S OF SF-P-1B W		
NS-V-0016B	SPENT FUEL POOL COOLER B INLET VLV	FHB	305	S OF SF-P-1B W		
NS-V-0032	INLET HEADER TO EVAP CON & WG COMP SEAL RETURN COOLER	AB	281	14' ABOVE EQT HATCH		
NS-V-0035	CONTAINMENT ISOL RCP MOTOR COOLER RETURN	RB	308	SW SIDE OF D-RING WALL		
NS-V-0036A	AH-E-1A MOTOR COOLER RELIEF VALVE	IB	295	S W PIPE CHAMBER REAR CUBICLE		
NS-V-0036B	AH-E-1B MOTOR COOLER RELIEF VALVE	IB	295	S W PIPE CHAMBER REAR CUBICLE		
NS-V-0036C	AH-E-1C MOTOR COOLER RELIEF VALVE	IB	295	S W PIPE CHAMBER REAR CUBICLE		
NS-V-0037A	OTSG SAMPLE COOLER RELIEF VALVE	CB	306	NUC SMPLG RM N WALL		
NS-V-0037B	OTSG SAMPLE COOLER RELIEF VALVE	CB	306	NUC SMPLG RM N WALL		
NS-V-0038	PZR SAMPLE COOLER RELIEF VALVE	CB	306	NUC SMPLG RM N WALL		
NS-V-0039A	SF-C-1A SHELL SIDE RELIEF VALVE	FHB	305	S OF SF-C-1A NW		
NS-V-0039B	SF-C-1B SHELL SIDE RELIEF VALVE	FHB	305	S OF SF-C-1B NW		
NS-V-0040A	DIST CONDENSER RELIEF VALVE	AB	281	OUTSIDE RC EVAP A CUB 12' UP		
NS-V-0040B	DIST CONDENSER RELIEF VALVE	AB	281	OUTSIDE RC EVAP A CUB		
NS-V-0041A	RC EVAP CONDENSER RELIEF VALVE	AB	281	OUTSIDE RC EVAP A CUB 12' UP		
NS-V-0041B	RC EVAP CONDENSER RELIEF VALVE	AB	281	OUTSIDE RC EVAP A CUB 12' UP		
NS-V-0042A	WG COMPRESSOR RELIEF VALVE	AB	281	OUTSIDE WG COMP RM ON WALL		
NS-V-0042B	WG COMPRESSOR RELIEF VALVE	AB	281	OUTSIDE WG COMP RM ABOVE DOOR		
NS-V-0043A	RCP SEAL RETURN RELIEF VALVE	FHB	281	S END OF MU-C2A		
NS-V-0043B	RC-P SEAL RETURN RELIEF VALVE	FHB	281	S END OF MU-C2B		
NS-V-0044A	MU-P-1A COOLER RELIEF VALVE	AB	281	4 FT ABOVE MTR		
NS-V-0044B	MU-P-1B COOLER RELIEF VALVE	AB	281	4 FT ABOVE MTR		
NS-V-0044C	MU-P-1C COOLER RELIEF VALVE	AB	281	4 FT ABOVE MOTOR		
NS-V-0045A	RCP 1A MOTOR COOLER RELIEF VALVE	RB	308	7' EAST OF CFT		
NS-V-0045B	RCP 1B MOTOR COOLER RELIEF VALVE	RB	308	S.E. D-RING WALL		
NS-V-0045C	RCP 1C MOTOR COOLER RELIEF VALVE	RB	308	NW D-RING WALL		
NS-V-0045D	RCP 1D MOTOR COOLER RELIEF VALVE	RB	308	SW NEARCOL/C102		
NS-V-0046A	RELIEF VALVE FOR AH-C-4A	CB	285	S END OF AH-C-4A 7'-6" UP		
NS-V-0046B	RELIEF VALVE FOR AH-C-4B	CB	285	S END OF AH-C-4B 7'-6" UP		
NS-V-0047	NSSC SURGE TANK RELIEF VALVE	FHB	348	TOP OF SURGE TK		
NS-V-0048A	NS & DH PMP AREA COOLER RELIEF VALVE	AB	305	14' UP NEAR AH-E-15A		
NS-V-0048B	NS & DH PMP AREA COOLER RELIEF VALVE	AB	305	NSP MEZZ ABOVE AH-E-15A		
NS-V-0049A	RELIEF VALVE FOR AH-E-24A	IB	295	REAR CUBICLE 7' UP		
NS-V-0049B	RELIEF VALVE FOR AH-E-24B	IB	295	REAR CUBICLE 7' UP		
NS-V-0051A	SPENT FUEL PUMP ROOM COOLING COIL RELIEF VALVE	AB	305	15' UP W OF AH-E-1A		
NS-V-0051B	SPENT FUEL PUMP ROOM COOLING COIL RELIEF VALVE	AB	305	15' UP W OF AH-E-8A		
NS-V-0052A	CONTAINMENT ISOL AH-E-1A MTR COOLER SUPPLY	N/A	N/A	N/A		
NS-V-0052B	CONTAINMENT ISOL AH-E-1B MTR COOLER SUPPLY	N/A	N/A	N/A		
NS-V-0052C	CONTAINMENT ISOL AH-E-1C MTR COOLER SUPPLY	N/A	N/A	N/A		
NS-V-0053A	CONTAINMENT ISOL AH-E-1A MTR COOLER SUPPLY	N/A	N/A	N/A		
NS-V-0053B	CONTAINMENT ISOL AH-E-1B MTR COOLER RETURN	N/A	N/A	N/A		
NS-V-0053C	CONTAINMENT ISOL AH-E-1C MTR COOLER RETURN	N/A	N/A	N/A		
NS-V-0054A	SPENT FUEL POOL PUMP ROOM COOLING COIL FLOW CONTROL VLV	FHB	305	IN OVERHEAD BY AIR COOLERS		
NS-V-0054B	SPENT FUEL POOL PUMP ROOM COOLING COIL FLOW CONTROL VLV	FHB	305	IN OVERHEAD BY AIR COOLERS		
NS-V-0055A	COOLING WATER SUPPLY VALVE TO AH-E-24A	IB	295	IN CUBICLE BEHIND IA-P-1A		
NS-V-0055B	COOLING WATER SUPPLY VALVE TO AH-E-24B	IB	295	IN CUBICLE BEHIND IA-P-1A		
NS-V-0056A	NSSCW & DHCCW PUMPS- AREA VENTIL EQUALIZING FLOW CNTRL	AB	305	14' UP NEAR AH-E-15A		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-0056B	NSCCW & DHCCW PUMPS- AREA VENTIL EQUALIZING FLOW CNTRL	AB	305	14' UP NEAR AH-E-15B		
NS-V-0096A	NS-C-1A SHELL SIDE RELIEF VALVE	AB	271	N END OF NS-C-1A		
NS-V-0096B	NS-C-1B SHELL SIDE RELIEF VALVE	AB	271	N END OF NS-C-1B		
NS-V-0096C	NS-C-1C SHELL SIDE RELIEF VALVE	AB	271	N END OF NS-C-1C		
NS-V-0096D	NS-C-1D SHELL SIDE RELIEF VALVE	AB	271	N END OF NS-C-1D		
NS-V-0108A	COOLING WATER SUPPLY VALVE TO AH-C-4A	CB	285	S END OF AH-C-4A		
NS-V-0108B	COOLING WATER SUPPLY VALVE TO AH-C-4B	CB	285	S END OF AH-C-4B		
NS-V-0130A	OTSG HOT DRAIN CLR RELIEF VALVE	RB	281	ABOVE FW-C-1A		
NS-V-0130B	OTSG HOT DRAIN CLR RELIEF VALVE	RB	281	ABOVE FW-C-1B		
NS-V-100	NS-T-1 SURGE TANK VENT				SPENT FUEL POOL ROOM ON TOP OF SURGE TANK	1FB348300
NS-V-1004	NS-LT-800/801 LOW SIDE DRAIN				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1005	NS-LT-801 HI SIDE DRAIN				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1006	NS-PI-163 ISOLATION				AUX BLDG 305' NS-P-1A CUBICLE 5' ABOVE FLOOR	1AB305130
NS-V-1007	NS-PI-164 ISOLATION				AUX BLDG 305' NS-P-1B CUBICLE 5' ABOVE FLOOR	1AB305130
NS-V-1008	NS-PI-165 ISOLATION				AUX BLDG 305' NS-P-1C CUBICLE 5' ABOVE FLOOR	1AB305130
NS-V-1009	NS-PI-166 ISOLATION				AUX BLDG 305' NS-P-1A CUBICLE 5.5' ABOVE FLOOR	1AB305130
NS-V-101	NS-T-1 SURGE TANK OUTLET				FH BLDG SPENT FUEL POOL 1 S OF SURGE TANK 3 1/2' FROM FLOOR	1FB348300
NS-V-1010	NS-PI-167 ISOLATION				AUX BLDG 305' NS-P-1B CUBICLE 5.5' ABOVE FLOOR	1AB305130
NS-V-1011	NS-PI-168 ISOLATION				AUX BLDG 305' NS-P-1C CUBICLE 5.5' ABOVE FLOOR	1AB305130
NS-V-1012	NS-PT-169 & NS-PS-169 ROOT VALVE				AUX BLDG 305' SOUTH OF NS-P-1A	1AB305130
NS-V-1013	NS-PT-169 ISOLATION				AUX BLDG 305'	1AB305130
NS-V-1014	NS-PS-169 ISOLATION				AUX BLDG 305', 6' SOUTH OF NS-P-1A, 5' ABOVE FLOOR	1AB305130
NS-V-1015	NS-PT-169 & NS-PS-169 DRAIN				AUX BLDG 305', 6' SOUTH OF NS-P-1A, 5' ABOVE FLOOR	1AB305130
NS-V-1016	NS-PS-188 ROOT VALVE				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH WEST SIDE OF NS-T-1	1FB348300
NS-V-1017	NS-PI-334 ROOT VALVE				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH WEST SIDE OF NS-T-1	1FB348300
NS-V-1018	NS-LI-90 HI SIDE ROOT VALVE				FUEL HANDLING BLDG SPENT FUEL POOL NORTH EAST SIDE OF NS-T-1	1FB348300
NS-V-1019	NS-LI-90 LO SIDE ROOT VALVE				FUEL HANDLING BLDG SPENT FUEL POOL NORTH EAST SIDE OF NS-T-1	1FB348300
NS-V-102	NS-T-1 SURGE TANK MAKEUP				SPENT FUEL POOL 2 W OF SURGE TANK & 2E OF WALL 3 1/2' ABOVE FLR	1FB348300
NS-V-1021	CORROSION MONITOR ISOLATION				AUX BLDG 281' TOP OF STEPS TO HEAT EXCHANGER VAULT ON LEFT SIDE	1AB281002

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-1022	CORROSION MONITOR ISOLATION				AUX BLDG 281' TOP OF STEPS TO HEAT EXCHANGER VAULT ON LEFT SIDE	1AB281002
NS-V-1023	CORROSION MONITOR ISOLATION				AUX BLDG 281' TOP OF STEPS TO HEAT EXCHANGER VAULT ON LEFT SIDE	1AB281002
NS-V-103	NS-T-1 SURGE TANK DRAIN TO WDL				FUEL HANDLING BLDG SPENT FUEL POOL ROOM UNDER SURGE TANK	1FB348300
NS-V-1046	NS-PI-499 ISOLATION VALVE				INTERMEDIATE BLDG 281' IN ROOM SOUTH OF RR VALVE ROOM	1IB295000
NS-V-105	NUC SERVICES SAMPLE ISOLATION (CE-49)				AB ELEV 281' 4' ABOVE 'B' BS VAULT MANWAY JUST BEHIND BS-V-54B	1AB281055
NS-V-106	RC PUMP COOLING INLET VENT				V 1A ESV MCC 20 ABV FLR 4 FROM CEILING UPSTREAM VENT FOR NS-V-15	1AB305130
NS-V-107	UNIT 2 PRESS SAMPLE COOLER SAFETY (THIS VALVE NOW ABANDONED)				NUCLEAR SAMPLE RM NORTH WALL APPROX 7' A BOVE FLOOR 6'	1CB305125
NS-V-1076	NS-LT-800 LO SIDE ISOLATION				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1077	NS-LT-800 HI SIDE DRAIN				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1084	NS-LT-801 LO SIDE ISOLATION				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1085	NS-LT-800 HI SIDE ISOLATION				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH WEST SIDE NS-T-1	1FB348300
NS-V-1086	NS-LT-801 HI SIDE ISOLATION				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-1087	NS-LT-800 EQUALIZING VALVE				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH WEST SIDE NS-T-1	1FB348300
NS-V-1088	NS-LT-801 EQUALIZING VALVE				FUEL HANDLING BLDG SPENT FUEL POOL SOUTH EAST SIDE NS-T-1	1FB348300
NS-V-109	NS-T-1 SURGE TANK RECIRC VALVE				AB305 ELEV OUTSIDE MINI VALVE ALLEY 3 FROM W WALL & 15 ABOVE FLR	1AB305145
NS-V-10A	NS-P-1A DISCHARGE CHECK VLV				AUX BLDG 305'ELEV ON DISCHARGE OF NS-P-1 A	1AB305130
NS-V-10B	NS-P-1B DISCHARGE CHECK VLV				AUX BLDG 305'ELEV ON DISCHARGE OF NS-P-1 B	1AB305130
NS-V-10C	NS-P-1C DISCHARGE CHECK VLV				AUX BLDG 305'ELEV ON DISCHARGE OF NS-P-1 C	1AB305130
NS-V-11	CONTAINMENT ISOLATION - COOLING WATER TO RCP MOTORS				RX BLDG 305'ELEV ABOVE AH-V-1B	1RB308100
NS-V-110	NS-T-1 SURGE TANK RECIRC VALVE				SPENT FUEL POOL ROOM AT NS-T-1 1/2E OF WEST WALL 1/2 ABOVE FLOOR	1FB348300
NS-V-111	AH-E-15A/B OUTLET HEADER VENT				MEZZANINE 8.5FT ABV FLR 3FT N OF S WALL BTWN AH-E-15A&B	1AB305130
NS-V-112	RCP COOLING OUTLET HEADER VENT				AB 305'ABOVE 1A ESV MCC 20' ABOVE FLOOR VENT UPSTREAM OF NS-V-4	1AB305130

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-113	AH-E-8A/B OUTLET HEADER VENT				ACROSS FRM ELEV AGAINST SF COOLNG RM WALL, 15FT UP ON VENT RTN	1FB305100
NS-V-114	MU-P'S COOLING INLET HEADER VENT				AB 281' ELEV MAKE-UP VALVE ALLEY 15' IN ON WEST SIDE AT CEILING	1AB281060
NS-V-115	EXPANSION LOOP DRAIN				AUX BLDG 281' ELEV 6' EAST OF 'B' DECAY HEAT VAULT DOOR AT FLOOR	1AB281055
NS-V-116	AH-C-4A/B RETURN LINE DRAIN				CONTROL BLDG BASEMENT NW CORNER OF CHILLER ROOM 7' ABOVE FLOOR	1CB285000
NS-V-117	AH-C-4A/B SUPPLY LINE DRAIN				CONTROL BLDG BASEMENT NW CORNER OF CHILLER RM 7' ABOVE FLOOR	1CB285000
NS-V-118	AH-E-24A/B RETURN LINE DRAIN				INT BLDG BASEMENT S OF IA-T-1A ON RIGHT SIDE OF DOOR 1 ABOVE FLR	1B295000
NS-V-119	PRI LAB SAMPLE COOLERS SUPPLY VENT				NUC SAMPLE RM 9 ABOVE FLOOR ON N WALL ABOVE B OTSG SAMPLE COOLER	1CB305125
NS-V-12	RB EMERG COOLERS INLET CHECK VALVE				INT BLDG BASEMENT ROOM SOUTH OF RB EMERG COOLING LOOPS	1B295000
NS-V-120	RM-L-4 SUPPLY LINE DRAIN				AUX BLDG 305' EAST DC-P-1A CUBICLE BY RM-L-4. 1' ABOVE FLOOR	1AB305130
NS-V-121	CONTROL BLDG CHILL WATER MAKEUP ISOL				CONT BLDG 281' CONT BLDG CHILLER RM 8' ABOVE & SOUTH AH-P-9A/B	1CB285000
NS-V-122A	AH-E-8A COOLING SUPPLY VENT				SPENT FUEL COOLER ROOM IN NE CORNER ABOVE AH-E-8A	1FB305115
NS-V-122B	AH-E-8B COOLING SUPPLY VENT				SPENT FUEL COOLER RM SOUTH END 20' ABOVE FLOOR 4' FROM S WALL	1FB305115
NS-V-123A	RC-P-1A COOLING SUPPLY DRAIN				REACTOR BLDG 'A' SEAL INJ STATION 5' ABOVE FLOOR	1RBDR 515
NS-V-123B	RC-P-1B COOLING SUPPLY DRAIN				REACTOR BLDG 'B' SEAL INJ STATION 2' FROM S WALL & 4' ABOVE FLOOR	1RBDR 515
NS-V-123C	RC-P-1C COOLING SUPPLY DRAIN				REACTOR BLDG 'C' SEAL INJ STATION 5' ABOVE FLOOR	1RBDR 520
NS-V-123D	RC-P-1D COOLING SUPPLY DRAIN				REACTOR BLDG 'D' SEAL INJ STATION 5' ABOVE FLOOR	1RBDR 520
NS-V-124A	RC-P-1A UPPER BEARING COOLER OUTLET VENT				3FT ABV PLTFRM 4FT BLW SW SIDE TOP RCP-1A MTR 4FT S OIL PMP MTRS	1RBDR 505A
NS-V-124B	RC-P-1A UPPER BEARING COOLER OUTLET VENT				341 INSIDE A D-RING SW OF PZR BTWN PZR&RCP1A MTR 7FT ABV PLATFRM	1RBDR 515
NS-V-124C	RC-P-1B UPPER BEARING COOLER OUTLET VENT				4FT ABV PLTFRM @ TOP RCP1B MTR, BTWN RCP1B & A OTSG, NW OF MTR	1RBDR 505B
NS-V-124D	RC-P-1B UPPER BEARING COOLER OUTLET VENT				PLATFORM AT TOP OF RC-P-1B MOTOR SW OF MOTOR 3' ABOVE PLATFORM	1RBDR 505B
NS-V-124E	RC-P-1C UPPER BEARING COOLER OUTLET VENT				LOCATED ON THE 2 1/2" RETURN LINE ELEVATION 342'-6"	1RBDR 520

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-124F	RC-P-1C UPPER BEARING COOLER INLET VENT				LOCATED ON THE 2 1/2" SUPPLY LINE ELEVATION 342'-6"	1RBDR 520
NS-V-124G	RC-P-1D UPPER BEARING COOLER OUTLET VENT				SE OF RC-P-1D MOTOR 4' BELOW TOP OF MOTOR	1RBDR 520
NS-V-124H	RC-P-1D UPPER BEARING COOLER OUTLET VENT				SE OF RC-P-1D MOTOR 2' BELOW TOP OF MOTOR	1RBDR 520
NS-V-125A	RC-P-1A MOTOR AIR COOLER OUTLET VENT				SW RCP1A MTR PLTFRM @ TOP OF MTR 4FT S & 3FT BELOW PLATFORM	1RBDR 515
NS-V-125B	RC-P-1B MOTOR AIR COOLER OUTLET VENT				PLTFRM @ TOP RCP-1B MTR SW CORNER 3FT BLW PLTFRM 5FT E OF W WALL	1RBDR 505B
NS-V-125C	RC-P-1C MOTOR AIR COOLER OUTLET VENT				NE SIDE RCP1C MTR, 1.5FT W & 1FT BELOW PLTFRM AGAINST D RING WALL	1RBDR 520
NS-V-125D	RC-P-1D MOTOR AIR COOLER OUTLET VENT				NE OF RC-P-1D MOTOR 2' BELOW PLATFORM AROUND UPPER HALF OF MOTOR	1RBDR 520
NS-V-126A	RC-P-1A LOWER BEARING COOLER OUTLET VENT				SW OF RCP-1A MTR 4FT S & 3FT BELOW PLTFRM & 4FT E OF W WALL	1RBDR 515
NS-V-126B	RC-P-1B LOWER BEARING COOLER OUTLET VENT				SW OF RC-P-1B 2' ABOVE COUPLING OF MOTOR TO PUMP	1RBDR 515
NS-V-126C	RC-P-1C LOWER BEARING COOLER OUTLET VENT				RC-P-1C NE SIDE 2FT ABOVE PMP TO MOTOR COUPLING 6FT W OF E WALL	1RBDR 520
NS-V-126D	RC-P-1D LOWER BEARING COOLER OUTLET VENT				NE OF RC-P-1D MOTOR 6 EAST OF WEST WALL 1 BELOW TOP OF PLATFORM	1RBDR 520
NS-V-127	PRI LAB SAMPLE COOLERS RETURN VENT				NUCLEAR SAMPLE RM N WALL ABV U2 PRESSURIZER SAMPLE ~ 8" ABV FLR	1CB305125
NS-V-128A	A OTSG HOT DRAIN COOLER SUPPLY				4FT S OF W END OF KIDNEY FILTER S 10FT ABOVE FLR BEHIND COLUMN	1RB308100
NS-V-128B	B OTSG HOT DRAIN COOLER SUPPLY				RB 309 6 W OF AH-E-2B W SIDE OF COLUMN 12 ABOVE FLR E VALVE	1RB308100
NS-V-129A	A OTSG HOT DRAIN COOLER RETURN				RB 309 6 W OF AH-E-2B ON W SIDE OF COLUMN 12 ABOVE FLR W VALVE	1RB308100
NS-V-129B	B OTSG HOT DRAIN COOLER RETURN				RB 309 6 W OF AH-E-2B ON W SIDE OF COLUMN 12 ABOVE FLR W VALVE	1RB308100
NS-V-132A	INLET TO SEAL WATER COOLER R C EVAP				AUX BLDG 281'ELEV RC EVAP ROOM NORTH SIDE OF RC EVAP	1AB281025
NS-V-132B	INLET TO SEAL WATER COOLER MISC EVAP				AUX BLDG 281'ELEV MISC EVAP ROOM NORTH SIDE OF MISC EVAP	1AB281020
NS-V-133A	OUTLET SEAL WATER COOLER R C EVAP				AUX BLDG 281'ELEV RC EVAP ROOM NORTH SIDE OF RC EVAP	1AB281025
NS-V-133B	OUTLET SEAL WATER COOLER MISC EVAP				AUX BLDG 281'ELEV MISC EVAP ROOM NORTH SIDE OF MISC EVAP	1AB281020
NS-V-134A	RC EVAP SEAL WATER COOLER VENT				AUX BLDG 281'ELEV RC EVAP ROOM NORTH SIDE RC EVAP	1AB281025
NS-V-134B	RC EVAP DISTILLATE/SEAL WATER COOLER OUTLET VENT				AUX BLDG 281'ELEV MISC EVAP ROOM NORTH SIDE MISC EVAP	1AB281020

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-135	NS/RR CROSS-CONN EXCESS FLOW (4 GPM) VALVE				INTERMEDIATE BLDG 290 FT EL ABOVE NS-V-8	11B295000
NS-V-15	RCP MOTORS COOLERS INLET RB ISOLATION				AB 305 ELEV 8 ABOVE AH-V-1A OPERATOR PURGE VALVE NE OF A ESV MCC	1AB305130
NS-V-15	CONTAINMENT ISOLATION RCP MTR COOLR RETURN VLV				30FT NE OF IC-F-1A OUTLET EL.323-0	1AB305130
NS-V-15-BK	1C ES VALVES MCC UNIT 2B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
NS-V-16A	A SPENT FUEL COOLER INLET ISOLATION				AUX BLDG 305' SPENT FUEL COOLER ROOM DOORWAY	1FB305115
NS-V-16B	B SPENT FUEL COOLER INLET ISOLATION				AB305 OUTSIDE SPENT FUEL COOLING RM 4.5FT S OF DOORWAY ON W WALL	1FB305115
NS-V-17A	A SPENT FUEL COOLER OUTLET				AUX BLDG 305' ELEV BESIDE DOOR TO SPENT FUEL COOLERS	1AB305130
NS-V-17B	B SPENT FUEL COOLER OUTLET				AUX BLDG 305' ELEV BESIDE DOOR TO SPENT FUEL COOLERS	1FB305115
NS-V-18A	RC EVAP DIST COOLER OUTLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAPORATOR DOOR	1AB281000
NS-V-18B	MISC EVAP DIST COOLER OUTLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-19A	RC EVAP DIST COOLER INLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-19B	MISC EVAP DIST COOLER INLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-1A	NS-P-1A PUMP SUCTION ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1A 4' ABOVE FLOOR	1AB305130
NS-V-1B	NS-P-1B PUMP SUCTION ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1B 4' ABOVE FLOOR	1AB305130
NS-V-1C	NS-P-1C PUMP SUCTION ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1C 4' ABOVE FLOOR	1AB305130
NS-V-202	NUC SERVICES SAMPLE ISOLATION (CE-49)				AB ELEV 281', 4' ABOVE 'B'BS VAULT MANWAY JUST BEHIND BS-V-54B	1AB281055
NS-V-204	RM-L-4 INLET DRAIN				AUX BLDG 305' RM-L-4 AREA	1AB305130
NS-V-205	MAKE UP TO NS SURGE TANK CHECK VALVE				FHB 346 ELEV NEAR NS SURGE TANK	1FB348300
NS-V-208	RB PENETRATION 347 RELIEF VLV ISOLATION				AUX BLDG 305: AT RB PENET 347 (NS-V-4)	1AB305130
NS-V-209	RB PENET TEST ISOL VALVE FOR NS-V-15				AUX BLDG 305: AT RB PENET 346 (NS-V-15)	1AB305130
NS-V-20A	A SEAL RETURN COOLER INLET				AUX BLDG 281' ELEV INLET TO 'A' SEAL RETURN COOLER SOUTH END	1FB281010
NS-V-20B	B SEAL RETURN COOLER INLET				AUX BLDG 281' ELEV INLET TO 'B' SEAL RETURN COOLER SOUTH END	1FB281010
NS-V-210	MW EVAP CONDENSER TUBE BUNDLE VENT				AUX 281: MWE EVAP ROOM: 10 FT ABOVE FLOOR AT CONDENSER	1AB281020
NS-V-212	PENETRATION 347 TEST ISOLATION VALVE					
NS-V-21A	A SEAL RETURN COOLER OUTLET				AUX BLDG 281' ELEV OUTLET OF 'A' SEAL RETURN COOLER NORTH END	1FB281010

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-21B	B SEAL RETURN COOLER OUTLET				AUX BLDG 281' ELEV OUTLET OF 'B' SEAL RETURN COOLER NORTH END	1FB281010
NS-V-24A	RC EVAP CONDENSER OUTLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-24B	MISC EVAP CONDENSER OUTLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-25A	RC EVAP CONDENSER INLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-25B	MISC EVAP CONDENSER INLET				AUX BLDG 281' ELEV LEFT SIDE 10' ABOVE RC EVAP DOOR	1AB281000
NS-V-26A	AH-C-4A NUC SERVICES OUTLER ISOLATION VL				CONTROL BLDG CHILLER ROOM 6' ABOVE FLOOR AT 'A' CHILLER S END	1CB285000
NS-V-26B	AH-C-4B NUC SERVICES OUTLET ISOL				CONTROL BLDG CHILLER ROOM 6' ABOVE FLOOR AT 'B' CHILLER S END	1CB285000
NS-V-27A	AH-C-4A NUC SERVICES INLET ISOL				CONTROL BLDG CHILLER ROOM 6' ABOVE FLOOR BEHIND A CHILLER S END	1CB285000
NS-V-27B	AH-C-4B NUC SERVICES INLET ISOL				CONTROL BLDG CHILLER ROOM 6' ABOVE FLOOR BEHIND B CHILLER S END	1CB285000
NS-V-28A	AH-E-24A COOLING WATER OUTLET				CUBICLE BEHIND IA-T-1A INT BLDG BASEMENT RIGHT SIDE OF DOORWAY	1B295000
NS-V-28B	AH-E-24B COOLING WATER OUTLET				CUBICLE BEHIND IA-T-1A INTER BLDG BASEMENT RIGHT SIDE OF DOORWAY	1B295000
NS-V-29A	AH-E-24A COOLING WATER INLET				281 ELEV INT BLDG RM S OF IA-P-1A , 7 ABOVE FLR SW SIDE OF RM	1B295000
NS-V-29B	AH-E-24B COOLING WATER INLET				281 ELEV INT BLDG RM S OF IA-P-1A 7 ABOVE FLR SW SIDE OF RM	1B295000
NS-V-2A	NS-P-1A PUMP DISCHARGE ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1A 4' ABOVE FLOOR	1AB305130
NS-V-2B	NS-P-1B PUMP DISCHARGE ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1B 4' ABOVE FLOOR	1AB305130
NS-V-2C	NS-P-1C PUMP DISCHARGE ISOLATION				AUX BLDG MEZZANINE ABOVE NS-P-1C 4' ABOVE FLOOR	1AB305130
NS-V-30A	AH-E-15A COOLING WATER INLET				AUX BLDG NUC SERVICE PUMP MEZZANINE 5' ABOVE FLOOR EAST END	1AB305130
NS-V-30B	AH-E-15B COOLING WATER INLET				AUX BLDG NUC SERV PUMP MEZZANINE ABOVE NS-P-1C INLET OF AH-E-15B	1AB305130
NS-V-31A	AH-E-15A COOLING WATER OUTLET				AUX BLDG NUC SERV PUMP MEZZANINE E END ON AH-E-15A OUTLET	1AB305130
NS-V-31B	AH-E-15B COOLING WATER OUTLET				AB NUC SERV PUMP MEZZANINE ABOVE NS-P-1B OUTLET FOR AH-E-15B	1AB305130
NS-V-32	INLET ISOL TO EVAP GAS COMP SEAL RETURN				AB 281 ELEV N EAST OF WASTE TRANSFER PUMP CUBICLE 12 ABOVE FLOOR	1AB281000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-32	INLET HDR TO EVAP COND & VEG COMP VALVE OPERATOR				14FT ABOVE EQUIPMENT HATCHES	1AB281000
NS-V-32-BK	1C ES VALVES MCC UNIT 2C				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
NS-V-33A	RC-P-1A UPPER BRG OIL COOLER OUTLET				REACTOR BLDG 'A' SEAL INJ STATION 4 1/2' ABOVE FLOOR	1RBDR 515
NS-V-33B	RC-P-1A UPPER BRG OIL COOLER OUTLET				REACTOR BLDG 'A' SEAL INJ STATION 4 1/2' ABOVE FLOOR	1RBDR 515
NS-V-33C	RC-P-1B UPPER BRG OIL COOLER OUTLET				REACTOR BLDG B SEAL INJ STATION 4 ABOVE FLOOR & 6 FROM S WALL	1RBDR 515
NS-V-33D	RC-P-1B UPPER BRG OIL COOLER OUTLET				REACTOR BLDG B SEAL INJ STATION 4 ABOVE FLOOR & 7 FROM S WALL	1RBDR 515
NS-V-33E	RC-P-1C UPPER BRG OIL COOLER OUTLET				REACTOR BLDG 'C' SEAL INJ STATION 4' ABOVE FLOOR	1RBDR 520
NS-V-33F	RC-P-1C UPPER BRG OIL COOLER OUTLET				REACTOR BLDG 'C' SEAL INJ STATION 4' ABOVE FLOOR	1RBDR 520
NS-V-33G	RC-P-1D UPPER BRG OIL COOLER OUTLET				REACTOR BLDG D SEAL INJ STATION ACROSS FROM CA-V-1 4 ABOVE FLOOR	1RBDR 520
NS-V-33H	RC-P-1D UPPER BRG OIL COOLER OUTLET				REACTOR BLDG D SEAL INJ STATION ACROSS FROM CA-V-1 4 ABOVE FLOOR	1RBDR 520
NS-V-34A	RC-P-1A MOTOR AIR COOLER OUTLET				REACTOR BLDG A SEAL INJ STATION 5 ABOVE FLOOR 6 1/2 FROM S WALL	1RBDR 515
NS-V-34B	RC-P-1B MOTOR AIR COOLER OUTLET				REACTOR BLDG B SEAL INJ STATION 6 ABOVE FLOOR 6 1/2 FROM S WALL	1RBDR 515
NS-V-34C	RC-P-1C MOTOR AIR COOLER OUTLET				REACTOR BLDG 'C' SEAL INJ STATION 5' ABOVE FLOOR	1RBDR 520
NS-V-34D	RC-P-1D MOTOR AIR COOLER OUTLET				REACTOR BLDG 'D' SEAL INJ STATION 5 1/2' ABOVE FLOOR	1RBDR 520
NS-V-35	RCP MOTOR COOLERS OUTLET ISOLATION				REACTOR BLDG 309' ELEV 15' ABOVE FLOOR & 6' NORTH OF CF-T-1B	1RB308100
NS-V-35	CONTAINMENT ISOLATION RCP MTR CLR RET VLV OPER				SOUTHWEST SIDE OF D-RING WALL EL 325-2	1RB308100
NS-V-35-BK	1B ES VALVES MCC UNIT 8C				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NS-V-36A	CONTAINMENT ISOL - AH-E-1A MOTOR COOLER SAFETY VALVE				CUBE S OF RX RIVER LOOPS S WALL 12FT ABV FLR JUST ABV NS-V-53A	11B295000
NS-V-36B	CONTAINMENT ISOL - AH-E-1B MOTOR COOLER SAFETY VALVE				CUBE S OF RX RIVER LOOPS S WALL 12FT ABV FLR JUST ABV NS-V-53B	11B295000
NS-V-36C	CONTAINMENT ISOL - AH-E-1C MOTOR COOLER SAFETY VALVE				CUBICLE S OF RX RIVER LOOPS S WALL 12 ABV FL JUST ABOVE NS-V-53C	11B295000
NS-V-37A	A STEAM GEN SAMPLE COOLER SAFETY VALVE				NUC SAMPLE ROOM N WALL 1/2' ABOVE 'A' OT SG SAMPLE COOLER	1CB305125
NS-V-37B	B STEAM GEN SAMPLE COOLER SAFETY VALVE				NUC SAMPLE ROOM NORTH WALL 1/2' ABOVE 'B' OTSG SAMPLE COOLER	1CB305125
NS-V-38	PRESSURIZER SAMPLE COOLER SAFETY VALVE				NUCLEAR SAMPLE ROOM NE CORNER 7' ABOVE FLOOR	1CB305125

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-39A	A SPENT FUEL POOL COOLER SAFETY VALVE				AB 305' ELEV SPENT FUEL COOLER ROOM S EAST CORNER 18' HIGH	1FB305115
NS-V-39B	B SPENT FUEL POOL COOLER SAFETY VALVE				AUX BLDG 305' ELEV SPENT FUEL COOLER ROOM 8' NEXT TO WALL	1FB305115
NS-V-3A	NS-C-1A INLET VALVE				HEAT EXCHANGER VAULT 271' TOP OF 'A' COOLER SOUTH INLET	1AB271080
NS-V-3B	NS-C-1B INLET VALVE				HEAT EXCHANGER VAULT 271' TOP OF 'B' COOLER SOUTH INLET	1AB271080
NS-V-3C	NS-C-1C INLET VALVE				HEAT EXCHANGER VAULT 271' TOP OF 'C' COOLER SOUTH INLET	1AB271080
NS-V-3D	NS-C-1D INLET VALVE				HEAT EXCHANGER VAULT 271' TOP OF 'D' COOLER SOUTH INLET	1AB271080
NS-V-4	NS FROM RCP MOTOR COOLER				AB305 SOUTH OF A ES VALVES 6 ABOVE RB PURGE VLVS 6 FROM RX WALL	1AB305130
NS-V-4	CONTAINMENT ISOLATION RCP MTR COOLR VLV OP				20FT NE OF IC-F-1A OUTLET EL 323-0	1AB305130
NS-V-40A	RC EVAP DIST COOLER SAFETY VALVE				AB 281 ELEV OUTSIDE RC EVAP RM 2 ABOVE NUC SERVICE OUTLET LINES	1AB281000
NS-V-40B	MISC EVAP DIST COOLER SAFETY VALVE				AB 281 ELEV OUTSIDE RC EVAP RM 2 ABOVE NUC SERVICE OUTLET LINES	1AB281000
NS-V-41A	RC EVAP CONDENSER SAFETY VALVE				OUTSIDE RC EVAP RM 2 ABOVE NUC SERVICE OUTLET LINES	1AB281000
NS-V-41B	MISC EVAP CONDENSER SAFETY VALVE				AB 281 ELEV OUTSIDE RC EVAP ROOM 2 ABOVE NUC SERV OUTLET VALVES	1AB281000
NS-V-42A	WDG-P-1A COOLER SAFETY VALVE				AB 281' ELEV OUTSIDE RC EVAP ROOM 2' ABOVE NUC SERV OUTLET VLVS	1AB281000
NS-V-42B	WDG-P-1B COOLER SAFETY VALVE				AB281 WEST WALL ABOVE WASTE GAS COMPRESSOR DOOR 12 ABOVE FLR	1AB281000
NS-V-43A	A SEAL RETURN COOLER SAFETY VALVE				AUX BLDG 281' ELEV SEAL RETURN COOLER 'A' 2' ABOVE N END	1FB281010
NS-V-43B	B SEAL RETURN COOLER SAFETY VALVE				AB 281' ELEV N END OF 'B' SEAL RETURN COOLER 2' ABOVE COOLER	1FB281010
NS-V-44A	MU-P-1A COOLERS SAFETY VALVE				AB 281' "A" CUBICLE, SOUTH SIDE OF MOTOR COOLER 6' ABOVE FLOOR	1AB281065A
NS-V-44B	MU-P-1B COOLERS SAFETY VALVE				AB 281' "B" CUBICLE, SOUTH SIDE OF MOTOR COOLER 6' ABOVE FLOOR	1AB281065B
NS-V-44C	MU-P-1C COOLERS SAFETY VALVE				AB 281' "C" CUBICLE, SOUTH SIDE OF MOTOR COOLER 6' ABOVE FLOOR	1AB281065C
NS-V-45A	RC-P-1A MOTOR COOLING SAFETY VALVE				RB 308:AT RC-P-1A	1RB308100
NS-V-45B	RC-P-1B MOTOR COOLING SAFETY VALVE				RB 308:AT RC-P-1B	1RB308100
NS-V-45C	RC-P-1C MOTOR COOLING SAFETY VALVE				RB 308:AT RC-P-1C	1RB308100
NS-V-45D	RC-P-1D MOTOR COOLING SAFETY VALVE				RB 308:AT RC-P-1D	1RB308100
NS-V-46A	A CONT BLDG CHILLER SAFETY VALVE				CONTROL BLDG BASEMENT SOUTH END "A" CHILLER 6' ABOVE FLOOR	1CB285000
NS-V-46B	B CONT BLDG CHILLER SAFETY VALVE				CONTROL BLDG BASEMENT SOUTH END "B" CHILLER 6' ABOVE FLOOR	1CB285000
NS-V-47	NS-T-1 SURGE TANK SAFETY VALVE				TOP OF NS-T-1 SPENT FUEL POOL	1FB348300

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-48A	AH-E-15A AIR COOLER SAFETY VALVE				NUC SERV PMP, JUST OFF E END OF MEZZANINE ABV AH-E-15A & DC-P-1A	1AB305130
NS-V-48B	AH-E-15B AIR COOLER SAFETY VALVE				NUC SERV PMP, JUST OFF E END OF MEZZANINE ABV AH-E-15B & NS-P-1B	1AB305130
NS-V-49A	AH-E-24A AIR COOLER SAFETY VALVE				IB 281 RM S OF IA-P-1A INSIDE DOOR IN THE NW CORNER 7 ABOVE FLR	1IB295000
NS-V-49B	AH-E-24B AIR COOLER SAFETY VALVE				IB 281 RM SOUTH OF IA-P-1A INSIDE DOOR IN NW CORNER 7 ABOVE FLR	1IB295000
NS-V-4-BK	1A ES VALVES MCC UNIT 7D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
NS-V-51A	AH-E-8A AIR COOLER SAFETY VALVE				AUX BLDG SPENT FUEL COOLER ROOM ABOVE AH-E-8A	1FB305115
NS-V-51B	AH-E-8B AIR COOLER SAFETY VALVE				AUX BLDG SPENT FUEL COOLER ROOM ABOVE AH-E-8B	1FB305115
NS-V-52A	AH-E-1A RB FAN MOTOR COOLER INLET VALVE				CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABV FLR 2 FROM E WALL	1IB295000
NS-V-52A11	NS-V-52A AIR OPERATED ACTUATOR				ON TOP OF VALVE	1IB295000
NS-V-52A-20	AIR SUPPLY SOLENOID FOR NS-V-52A				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000
NS-V-52B	AH-E-1B RB FAN MOTOR COOLER INLET VALVE				CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABV FLR 4 FROM E WALL	1IB295000
NS-V-52B11	NS-V-52B AIR OPERATED ACTUATOR				ON TOP OF VALVE	1IB295000
NS-V-52B-20	AIR SUPPLY SOLENOID FOR NS-V-52B				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000
NS-V-52C	AH-E-1C RB FAN MOTOR COOLER INLET VALVE				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000
NS-V-52C11	NS-V-52C AIR OPERATED ACTUATOR				ON TOP OF VALVE	1IB295000
NS-V-52C-20	AIR SUPPLY SOLENOID FOR NS-V-52C				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000
NS-V-53A	AH-E-1A RB FAN MOTOR COOLER OUTLET				CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABV FLR 3 FROM E WALL	1IB295000
NS-V-53A11	NS-V-53A AIR OPERATED ACTUATOR				ON TOP OF VALVE	1IB295000
NS-V-53A-20	AIR SUPPLY SOLENOID FOR NS-V-53A				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000
NS-V-53B	AH-E-1B RB FAN MOTOR COOLER OUTLET				CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABV FLR 5 FROM E WALL	1IB295000
NS-V-53B11	NS-V-53B AIR OPERATED ACTUATOR				ON TOP OF VALVE	1IB295000
NS-V-53B-20	AIR SUPPLY SOLENOID FOR NS-V-53B				IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	1IB295000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-53C	AH-E-1C RB FAN MOTOR COOLER OUTLET VALVE				CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABV FLR 7 FROM E WALL	1B295000
NS-V-53C11	NS-V-53C AIR OPERATED ACTUATOR				ON TOP OF VALVE	1B295000
NS-V-53C-20	AIR SUPPLY SOLENOID FOR NS-V-53C				1B BASEMENT CUBICLE S OF REACTOR RIVER LOOPS S WALL 8 ABOVE FLR	1B295000
NS-V-54A	AH-E-8A COOLING COIL FLOW CONTROL				AUX BLDG SPENT FUEL COOLING ROOM 16' ABOVE FLOOR BESIDE AH-E-8B	1FB305115
NS-V-54B	AH-E-8B COOLING COIL FLOW CONTROL				AB SPENT FUEL COOLER ROOM APPROX 16' ABOVE FLOOR BESIDE AH-E-8B	1FB305115
NS-V-55A	AH-E-24A COOLING COIL FLOW CONTROL				CUBE S OF IA-T-1A RIGHT SIDE OF DOORWAY REGULATOR FOR AH-E-24A	1B295000
NS-V-55B	AH-E-24B COOLING COIL FLOW CONTROL				CUBE S OF IA-T-1A RIGHT SIDE OF DOORWAY REGULATOR FOR AH-E-24B	1B295000
NS-V-56A	AH-E-15A COOLING COIL FLOW CONTROL				AB NUC SERV PUMP MEZZANINE EAST END OF MEZZANINE ON AH-E-15A	1AB305130
NS-V-56B	AH-E-15B COOLING COIL FLOW CONTROL				AUX BLDG NUC SERV PUMP MEZZANINE ABOVE N S-P-1B ON AH-E-15B	1AB305130
NS-V-57	FILL VALVE NUC SERVICE CHEM ADD TANK				AUX BLDG 305' ELEV ABOVE NUC SERV CHEM ADD TANK	1AB305130
NS-V-58	NUC SERVICE CHEM ADD TANK INLET ISOL				AUX BLDG 305'ELEV 2'SOUTH OF NUC SERV CHEM ADD TANK	1AB305130
NS-V-59	NUC SERVICE CHEM ADD TANK OUTLET VALVE				AB 305' ELEV OUTLET OF NUC SERV CHEM ADD TANK ABOVE THE TANK	1AB305130
NS-V-60	NUC SERVICE CHEM ADD TANK DRAIN VALVE				AUX BLDG 305' ELEV CHEM ADD TANK DRAIN	1AB305130
NS-V-61A	A STM GEN SAMPLE COOLER INLET				NUC SAMPLE ROOM NORTHWEST CORNER 6' ABOVE FLOOR	1CB305125
NS-V-61B	B STM GEN SAMPLE COOLER INLET				NUC SAMPLE RM NORTHWEST CORNER 6 ABOVE FLOOR 6 EAST & WEST WALL	1CB305125
NS-V-62A	A STM GEN SAMPLE COOLER OUTLET				NUC SAMPLE ROOM N WALL 1/2 E OF A OTSG COOLER & 1 ABOVE COOLER	1CB305125
NS-V-62B	B STM GEN SAMPLE COOLER OUTLET				NUC SAMPLE ROOM N WALL 1/2 E OF B OTSG COOLER & 1 ABOVE COOLER	1CB305125
NS-V-63	PRESSURIZER SAMPLE COOLER INLET				NUCLEAR SAMPLE ROOM N WALL APPROX 6' ABOVE FLOOR 5' FROM E WALL	1CB305125
NS-V-64	PRESSURIZER SAMPLE COOLER OUTLET				NUCLEAR SAMPLE ROOM N WALL APPROX 7' ABOVE FLOOR 2' FROM E WALL	1CB305125
NS-V-67	UNIT 2 PRESS SAMPLE COOLER INLET				NUC SAMPLE RM N WALL BTWN A&B OTSG SAMP COOLERS 6 1/2FT ABV FLR	1CB305125

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-68	UNIT 2 PRESS SAMPLE COOLER OUTLET				NUC SAMPLE ROOM N WALL 1/2' ABOVE 'B' OTSG SAMPLE COOLER	1CB305125
NS-V-69A	AH-E-1A MOTOR COOLER INLET ISOL				CUBICLE S OF REACTOR RIVER LOOPS APPROX 3 HIGH ON S WALL	1IB295000
NS-V-69B	AH-E-1B MOTOR COOLER INLET ISOL				CUBICLE S OF REACTOR RIVER LOOPS APPROX 3 ABOVE FLR ON S WALL	1IB295000
NS-V-69C	AH-E-1C MOTOR COOLER INLET ISOL				CUBICLE S OF REACTOR RIVER LOOPS APPROX 3 ABOVE FLR ON S WALL	1IB295000
NS-V-6A	RC-P-1A MOTOR COOLERS INLET ISOL				'A' SEAL INJ STATION 7' ABOVE FLOOR SUPPLY TO RC-P-1A	1RB308100
NS-V-6B	RC-P-1B MOTOR COOLERS INLET ISOL				'B' SEAL INJ STATION 7' ABOVE FLOOR 2' FROM SOUTH WALL	1RB308100
NS-V-6C	RC-P-1C MOTOR COOLERS INLET ISOL				'C' SEAL INJ STATION 7 1/2' ABOVE FLOOR 6' SOUTH OF AH-E-2A	1RB308100
NS-V-6D	RC-P-1D MOTOR COOLERS INLET ISOL				'D' SEAL INJ STATION 7 1/2' ABOVE FLOOR	1RB308100
NS-V-71A	AH-E-1A MOTOR COOLER OUTLET ISOL				1B BASEMENT CUBICLE S OF REACTOR RIVER LOOPS S WALL 3 ABOVE FLR	1IB295000
NS-V-71B	AH-E-1B MOTOR COOLER OUTLET ISOL				1B BASEMENT CUBICLE S OF REACTOR RIVER LOOPS S WALL 3 ABOVE FLR	1IB295000
NS-V-71C	AH-E-1C MOTOR COOLER OUTLET ISOL				CUBICLE S OF REACTOR RIVER LOOPS APPROX 3 ABOVE FLR ON S WALL	1IB295000
NS-V-72A	A SPENT FUEL COOLER VENT				AUX BLDG SPENT FUEL COOLER ROOM N END OF 'A' COOLER	1FB305115
NS-V-72B	B SPENT FUEL COOLER VENT				AUX BLDG SPENT FUEL COOLER ROOM N END OF 'B' COOLER	1FB305115
NS-V-73A	A SPENT FUEL COOLER DRAIN				AUX BLDG SPENT FUEL COOLER ROOM S END OF 'A' COOLER	1FB305115
NS-V-73B	B SPENT FUEL COOLER DRAIN				AUX BLDG SPENT FUEL COOLER ROOM S END OF 'B' COOLER	1FB305115
NS-V-74A	AH-E-8A AIR COOLER INLET ISOL				AUX BLDG SPENT FUEL COOLER ROOM 5' N OF S WALL 15' ABOVE FLOOR	1FB305115
NS-V-74B	AH-E-8B AIR COOLER INLET ISOL				AUX BLDG SPENT FUEL COOLER ROOM 4' N OF S WALL 15' ABOVE FLOOR	1FB305115
NS-V-75A	AH-E-8A AIR COOLER OUTLET ISOL				AUX BLDG SPENT FUEL COOLER ROOM 4' N OF S WALL 15' ABOVE FLOOR	1FB305115
NS-V-75B	AH-E-8B AIR COOLER OUTLET ISOL				AUX BLDG SPENT FUEL COOLER ROOM 4' N OF S WALL 15' ABOVE FLOOR	1FB305115
NS-V-76	MU-P-1B COOLING WATER INLET				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 30' IN 8' ABOVE FLOOR	1AB281080

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-77	MU-P-1B MOTOR AIR COOLER OUTLET				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 20' IN 8' ABOVE FLOOR	1AB281060
NS-V-78	MU-P-1B PUMP OIL COOLER OUTLET				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 20' IN 8' ABOVE FLOOR	1AB281060
NS-V-79	MU-P-1B GEAR BOX OIL COOLER				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 20' IN 8' ABOVE FLOOR	1AB281060
NS-V-8	RB EMERG COOLING ROTOMETER BYPASS				CUBICLE S OF REACTOR RIVER LOOPS 2FT ABOVE FLR ON W WALL	1B295000
NS-V-80	MU-P-1A COOLING WATER INLET				AB 281 ELEV MAKE-UP VALVE ALLEY W SIDE 12 IN 8 1/2 ABOVE FLOOR	1AB281060
NS-V-81	MU-P-1A COOLING WATER OUTLET				MAKE-UP VALVE ALLEY N END INSIDE ENTRANCE W SIDE 8 ABOVE FLR	1AB281060
NS-V-82	MU-P-1C COOLING WATER INLET				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 30' IN 8' ABOVE FLOOR	1AB281060
NS-V-83	MU-P-1C COOLING WATER OUTLET				AB 281' ELEV MAKE-UP VALVE ALLEY W SIDE 30' IN 8' ABOVE FLOOR	1AB281060
NS-V-84	NS-FI-76 ROTOMETER INLET ISOL				CUBICLE S OF REACTOR RIVER LOOPS 3 ABV FLR W WALL 4 N OF S WALL	1B295000
NS-V-85	NS-FI-76 ROTOMETER OUTLET ISOL				1B BASEMENT CUBICLE S OF REACTOR RIVER LOOPS 3 ABOVE FLR W WALL	1B295000
NS-V-86A	A SEAL RETURN COOLER DRAIN				AB 281' ELEV SEAL RETURN COOLER A NORTH END 8' ABOVE FLOOR	1FB281010
NS-V-86B	B SEAL RETURN COOLER DRAIN				AB 281 ELEV SEAL RETURN COOLER B NORTH END 2 1/2 ABOVE FLOOR	1FB281010
NS-V-87A	WDG-P-1A COOLING INLET				AB 281 ELEV 12 ABOVE FLOOR W WALL AT WASTE GAS COMPRESSORS DOOR	1AB281000
NS-V-87B	WDG-P-1B COOLING INLET				AB 281 ELEV 12 ABOVE FLOOR W WALL AT WASTE GAS COMPRESSORS DOOR	1AB281000
NS-V-88A	WDG-P-1A COOLING OUTLET				AB 281 ELEV 12 ABOVE FLOOR W WALL AT WASTE GAS COMPRESSORS DOOR	1AB281000
NS-V-88B	WDG-P-1B COOLING OUTLET				AB 281 ELEV 12 ABOVE FLOOR W WALL AT WASTE GAS COMPRESSORS DOOR	1AB281000
NS-V-89	NS-V-11 LEAK RATE TEST ISOL VALVE				REACTOR BLDG 309' ELEV PENETRATION 346-1 5' ABOVE FLOOR	1RB308100
NS-V-90	NS-V-11 LEAK RATE TEST ISOL VALVE				REACTOR BLDG 309' ELEV PENETRATION 346-1 5' ABOVE FLOOR	1RB308100
NS-V-91A	RC-P-1A MOTOR LOWER BEARING COOLING OUT				REACTOR BLDG A SEAL INJ STATION 4' ABOVE FLOOR	1RBDR 515
NS-V-91B	RC-P-1B MOTOR LOWER BEARING COOLING OUT				REACTOR BLDG B SEAL INJ STATION 4 ABOVE FLOOR 5 1/2 FROM S WALL	1RBDR 515
NS-V-91C	RC-P-1C MOTOR LOWER BEARING COOLING OUT				REACTOR BLDG C SEAL INJ STATION 4' ABOVE FLOOR	1RBDR 520

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
NS-V-91D	RC-P-1D MOTOR LOWER BEARING COOLING OUT				REACTOR BLDG D SEAL INJ STATION 4 ABOVE FLOOR ACROSS FROM CA-V-1	1RBDR 520
NS-V-92	NS-V-35 LEAK RATE TEST ISOL VALVE				RB 309 ELEV PENETRATION 347 DRAIN 15 ABOVE FLR & 4 S AH-V-1B	1RB308100
NS-V-93A	NS-C-1A SHELL SIDE VENT VALVE				AUX BLDG HEAT EXCHANGER VAULT S END OF 'A' NS COOLER INLET	1AB271080
NS-V-93B	NS-C-1B SHELL SIDE VENT VALVE				AUX BLDG HEAT EXCHANGER VAULT S END OF 'B' NS COOLER INLET	1AB271080
NS-V-93C	NS-C-1C SHELL SIDE VENT VALVE				AUX BLDG HEAT EXCHANGER VAULT S END OF 'C' NS COOLER INLET	1AB271080
NS-V-93D	NS-C-1D SHELL SIDE VENT VALVE				AUX BLDG HEAT EXCHANGER VAULT S END OF 'D' NS COOLER INLET	1AB271080
NS-V-94A	NS-C-1A SHELL SIDE DRAIN VALVE				AUX BLDG HEAT EXCHANGER VAULT N END OF 'A' NS COOLER	1AB271080
NS-V-94B	NS-C-1B SHELL SIDE DRAIN VALVE				AUX BLDG HEAT EXCHANGER VAULT N END OF 'B' NS COOLER	1AB271080
NS-V-94C	NS-C-1C SHELL SIDE DRAIN VALVE				AUX BLDG HEAT EXCHANGER VAULT N END OF 'C' NS COOLER	1AB271080
NS-V-94D	NS-C-1D SHELL SIDE DRAIN VALVE				AUX BLDG HEAT EXCHANGER VAULT N END OF 'D' NS COOLER	1AB271080
NS-V-96A	NS-C-1A SHELL SIDE RELIEF VALVE				AB HEAT EXCHANGER VAULT ON TOP OF A NS COOLER 1/4 WAY S OF N END	1AB271080
NS-V-96B	NS-C-1B SHELL SIDE RELIEF VALVE				AB HEAT EXCHANGER VAULT ON TOP OF B NS COOLER 1/4 WAY S OF N END	1AB271080
NS-V-96C	NS-C-1C SHELL SIDE RELIEF VALVE				AB HEAT EXCHANGER VAULT ON TOP OF C NS COOLER 1/4 WAY S OF N END	1AB271080
NS-V-96D	NS-C-1D SHELL SIDE RELIEF VALVE				AB HEAT EXCHANGER VAULT ON TOP OF D NS COOLER 1/4 WAY S OF N END	1AB271080
NS-V-97	RM-L-4 INLET VALVE				AUX BLDG 305' ELEV SOUTH SIDE OF RM-L-4	1AB305130
NS-V-98	RM-L-4 OUTLET VALVE				AUX BLDG 305' ELEV ISOLATION OF FLOW INDICATOR FOR RM-L-4	1AB305130
NS-V-99A	RC-P-1A MOTOR COOLER DRAIN VALVE				RB A SEAL INJ STATION DRAIN FOR RETURN HEADER 3 ABOVE FLR	1RBDR 515
NS-V-99B	RC-P-1B MOTOR COOLER DRAIN VALVE				REACTOR BLDG B SEAL INJ STATION 3 ABOVE FLR & 7 FROM SOUTH WALL	1RBDR 515
NS-V-99C	RC-P-1C MOTOR COOLER DRAIN VALVE				RB C SEAL INJ STATION DRAIN FOR RETURN HEADER 3 ABOVE FLR	1RBDR 520
NS-V-99D	RC-P-1D MOTOR COOLER DRAIN VALVE				RB D SEAL INJ STATION DRAIN FOR RETURN HEADER 3 ABOVE FLR	1RBDR 520
NS-V-9A	NS-C-1A OUTLET VALVE				AUX BLDG HEAT EXCHANGER VAULT TOP OF 'A' COOLER ON NORTH END	1AB271080
NS-V-9B	NS-C-1B OUTLET VALVE				AUX BLDG HEAT EXCHANGER VAULT TOP OF 'B' COOLER ON NORTH END	1AB271080
NS-V-9C	NS-C-1C OUTLET VALVE				AUX BLDG HEAT EXCHANGER VAULT TOP OF 'C' COOLER ON NORTH END	1AB271080
NS-V-9D	NS-C-1D OUTLET VALVE				AUX BLDG HEAT EXCHANGER VAULT TOP OF 'D' COOLER ON NORTH END	1AB271080

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
PC	CONTROL RM PANEL CENTER CONTROL PANEL				IN CONTROL RM, 25' E OF COMPUTER CONSOLE	1CB355401
PCL	CONTROL RM PNL CNTR LEFT CONTROL PANEL				CONTROL ROOM, 15FT S.OF COMPUTER CONSOLE	1CB355401
PCR	CONTROL RM PNL CNTR RIGHT CONTROL PANEL				CONTROL RM, 15FT SOUTH OF CONTROL CONSOLE	1CB355401
PG-P-1	1C ESV 480V VCC 10AR					
PG-Z-1-BK	1C ES VALVES MCC UNIT 10AL(VAPORIZER)				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
PL	CONTROL RM PANEL LEFT CONTROL PANEL				IN CONTROL RM, 15' SE OF COMPUTER CONSOL	
PLF	CONTROL RM PNL FRONT LEFT CONTROL PANEL				IN CONTROL RM, 15' SE OF COMPUTER CONSOL	
PM1	RC PUMP MONITOR 1 RACK				SOUTH OF CHEMISTRY OFFICE	
PM2	RC PUMP MONITOR 2 RACK				SOUTH OF CHEMISTRY OFFICE	
PNL-AUXRSP-B	AUX REMOTE SHUTDOWN PANEL	CB	322	S WALL OF TSC		
PNL-DGB-RSP	EG-Y-0001B REMOTE SHUTDOWN PANEL	CB	338-6	S. OF 1E SWGR		
PNL-RSP A	REMOTE SHUTDOWN PANEL A	CB	322	W WALL OF TSC		
PNL-RSP B	REMOTE SHUTDOWN PANEL B	CB	322	W WALL OF TSC		
PNL-RSTSP-A	REMOTE SHUTDOWN TRANSFER SWITCH PANEL A	CB	338-6	BEHIND ESAS CABINET A		
PNL-RSTSP-B	REMOTE SHUTDOWN TRANSFER SWITCH PANEL B	CB	322	S OF 1S SWITCHGEAR		
PP-V-1008	PP-PS-384 ISOLATION VALVE				RB EQUIPMENT HATCH CUBICLE SOUTH SIDE OF HATCH ON PLATFORM	1RB308105
PP-V-1011	PP-PS-436 ISOLATION VALVE				RB PERSONNEL HATCH CUBICLE N WALL 2' ABOVE DECKING	1B305105
PP-V-111	RB EQUIPMENT DOOR SEALS SUPPLY ISOL				O/S RB EQUIP HATCH S SIDE OF HATCH 2FT E OF HANDRAIL ON PLTRM	1PA 101
PP-V-113	RB EQUIP DOOR INTERSPACE ISOLATION VLV				OUTSIDE RB EQUIP HATCH 2' S OF DOOR 2' ABOVE PLATFORM	1PA 101
PP-V-210	PP SYSTEM TO PURGE EXHAUST INTERSPACE				305 AUX BLDG NEAR AH-V-1A	1AB305130
PP-V-211	PP SYSTEM TO PURGE SUPPLY INTERSPACE				2ND FLOOR INTERM BLDG ; PPT1A ROOM	1B322200
PP-V-212	PP-T-1B TO PURGE EXHAUST INTERSPACE				305 AUX BLDG NEAR AH-V-1A	1AB305130
PP-V-213	PP-T-1A TO PURGE SUPPLY INTERSPACE				2ND FLOOR INTERM BLDG ; PPT1A ROOM	1B322200
PP-V-222	PENETRATION #414 ISOLATION VALVE				INT BLDG 305 IN LEAKRATE AIR DRYER ROOM; SOUTHWALL 6' IN AIR	1B305100
PP-V-227	PENET #221E LLRT TEST VALVE				322' TURBINE BLD AT "A" MFW REG VALVES ON RX BLD WALL	1TB322200
PP-V-228	PENET #222E LLRT TEST VALVE				322' TURBINE BLD AT "A" MFW REG VALVES ON RX BLD WALL	1TB322200
PP-V-229A	FUEL TRANS. TUBE CANOPY TEST CONN. ISOLATION VLV.					
PP-V-229B	FUEL TRANSFER TUBE WEST TEST CONN. ISOLATION VLV.					
PP-V-31	PENETRATION 240 AND 241 LINE ISOL VLV				2ND FLR TB NORTH WEST OF "F" 480V BUS ALONG RB WALL 3 ABOVE FLR	1TB322200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
PP-V-46	MANIFOLD 'C' PERSONNEL DOOR ISOLATION VLV				PERSONNEL HATCH CUBICLE NORTH SIDE OF PERSONNEL HATCH AT RB WALL	1B305105
PP-V-47	MANIFOLD 'C' PERSONNEL DOOR ISOLATION VLV				PERSONNEL HATCH CUBICLE NORTH SIDE OF PERSONNEL HATCH AT RB WALL	1B305105
PR	CONTROL RM PANEL RIGHT CONTROL PANEL				IN CONTROL RM, 15' SW OF COMPUTER CONSOLE	
PRF	CONTROL RM PNL RIGHT FRNT CONTROL PANEL				CONTROL ROOM, 15FT SW OF COMPUTER CONSOLE	1CB355401
PS-1	FOXBORO POWER SUPPLY CABINET PS-1	CB	338	RELAY ROOM, CENTER		
PS-2	FOXBORO POWER SUPPLY CABINET PS-2	AB	305	N OF IM-480V-ABHV SWGR		
PZR HTR GROUP 8-CP	CONTROL PANEL FOR PZR HTR GROUP 8	CB	322	ON WALL NORTH OF 1P SWGR		
PZR HTR GROUP 9-CP	CONTROL PANEL FOR PZR HTR GROUP 9	CB	322	ON WALL NORTH OF 1S SWGR		
PZR HTR GRP 8-ISOL	ISOLATION DEVICE FOR PZR HTR GROUP 8	CB	322	ON WALL NORTH OF 1P SWGR		
PZR HTR GRP 9-ISOL	ISOLATION DEVICE FOR PZR HTR GROUP 9	CB	322	ON WALL NORTH OF 1S SWGR		
RB-C-1A	RB EMERGENCY COOLING A COIL(RB SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RB-C-1B	RB EMERGENCY COOLING B COIL(RB SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RB-C-1C	RB EMERGENCY COOLING C COIL(RB SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RB-V-115	RB PENET TEST ISOL VALVE FOR RB-V-2				INTERM BLDG 322: AT RB PENET 421(RB-V-2)	1B322200
RB-V-116	RB PENET TEST ISOL VALVE FOR RB-V-7				INTERM BLDG 322: AT RB PENET 422(RB-V-7)	1B322200
RB-V-2	RB NORMAL COOLING SUPPLY CHECK VALVE				INT BLDG 322 FT ELEV NEAR H2 MON CAB 10 FT ABOVE FLR AT RB WALL NEAR PENETRATION 921	1B322200
RB-V-2A	CONTAINMENT ISOLATION RB NORMAL AIR COOL SUP OP				INT BLDG 322' PP-T-1A ROOM ABOVE H2 ANALYZER CAB 'A'	1B322200
RB-V-2A	RB NORMAL COOLING SUPPLY ISOLATION VLV				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
RB-V-2A-BK	1C ES VALVES MCC UNIT 2D				INT BLDG 322' PP-T-1A ROOM BETWEEN RB-V-2A & RB-V-2	1B322200
RB-V-39	RB NORMAL COOLING SUPPLY VENT VALVE				INT BLDG 322' PP-T-1A ROOM ABOVE H2 ANALYZER CAB 'A'	1B322200
RB-V-7	RB NORMAL COOLING RETURN ISOLATION				INT BLDG 322' PP-T-1A ROOM ABOVE H2 ANALYZER CAB 'A'	1B322200
RB-V-7	CONTAINMENT ISOLATION RB NORMAL COOL RETURN OP				NEAR PEN. 422	
RB-V-7-BK	1B ES MCC UNIT 11D				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
RC11-TE	PRESSURIZER SPRAY LINE TEMP ELEMENT				W SIDE PZR 2FT ABV GRATNG N SIDE OF SPRAY LINE UNDER RC-V-31	1RBDR 515
RC14A-DPT-1	RCS LOOP A FLOW TRANSMITTER				RB 305 S OF THE PERSONNEL HATCH ON S WALL AT STAIRS 3 ABOVE FLR	1RB308100
RC14A-DPT-2	RCS LOOP A FLOW TRANSMITTER				S OF THE PERSONNEL HATCH ON S WALL @ THE STAIRS 4 1/2 ABV FLR	1RB308100
RC14A-DPT-3	RCS LOOP A FLOW TRANSMITTER				S OF THE PERSONNEL HATCH ON S WALL @ THE STAIRS 4 1/2 ABV FLR	1RB308100
RC14A-DPT-4	RCS LOOP A FLOW TRANSMITTER				S OF THE PERSONNEL HATCH ON S WALL @ THE STAIRS 4 1/2 ABV FLR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC14B-DPT-1	RCS LOOP B FLOW TRANSMITTER				RX BLDG 308' ELEV. BEHIND CF-T-1B	1RB308100
RC14B-DPT-2	RCS LOOP B FLOW TRANSMITTER				RX BLDG 308' ELEV. BEHIND CF-T-1B	1RB308100
RC14B-DPT-3	RCS LOOP B FLOW TRANSMITTER				RX BLDG 308' ELEV. BEHIND CF-T-1B	1RB308100
RC14B-DPT-4	RCS LOOP B FLOW TRANSMITTER				RX BLDG 308' ELEV. BEHIND CF-T-1B	1RB308100
RC18-DPT-1	RC-P-1A LABYRINTH SEAL D/P XMTR				OUTSIDE "A" D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC18-DPT-2	RC-P-1B LABYRINTH SEAL D/P XMTR				OUTSIDE "A" D-RING S OF ELEVATOR PLATFORM 4 ABOVE FLR	1RB279000
RC18-DPT-4	RC-P-1D LABYRINTH SEAL D/P XMTR				OUTSIDE "B" D-RING ACROSS FR OM W STAIRS 4 ABOVE FLR	1RB279000
RC1LT1	PRZR (LOCAL MONITOR) LEVEL TRANSMITTER	RB	281	S SIDE ELEV D-RING WALL 6' UP		
RC1LT3	PRZR (LOCAL MONITOR) LEVEL TRANSMITTER	RB	281	S SIDE BY ELEV 6' UP		
RC2TE1	PRZR TEMPERATURE ELEMENT	RB	308	TOP PZR HTR BUNDLE		
RC2TE2	PRESSURIZER TEMP SENSOR	RB	308	TOP PZR HTR BUNDLE 'A'		
RC3A-PT-1	RCS LOOP A NARROW RANGE PRESSURE XMTR				RB OPERATING FLOOR NORTH WALL OF "A" D-RING	1RB346200
RC3A-PT-2	RCS LOOP A NARROW RANGE PRESSURE XMTR				S END OF A D-RING 5 1/2 FT ABV FLR TO RIGHT OF INCORE AREA	1RB346200
RC3A-PT-3	RCS LOOP A WIDE RANGE PRESSURE XMTR				SE END OF A D-RING, 5.5 FT ABV FLR, STRAIGHT OUT OF ELEVATOR TO RT	1RB346200
RC3A-PT-4	RCS LOOP A WIDE RANGE PRESSURE XMTR				RB OPERATING FLOOR BY INCORE STORAGE AREA	1RB346200
RC3A-PT-5	RCS LOW RANGE PRESSURE TRANSMITTER				OUTSIDE "A" D-RING S OF ELEVATOR PLATFORM 3 ABOVE FLR	1RB279000
RC3B-PT-1	RCS LOOP B NARROW RANGE PRESSURE XMTR				RB OPERATING FLOOR NORTH END OF "B" D-RING 4' ABOVE THE FLOOR	1RB346200
RC3B-PT-2	RCS LOOP B NARROW RANGE PRESSURE XMTR				RB OPERATING FLOOR SOUTH END "B" D-RING 4 1/2' ABOVE THE FLOOR	1RB346200
RC3B-PT-3	RCS LOOP B WIDE RANGE PRESSURE XMTR				RB OPERATING FLOOR NORTH END "B" D-RING 5 1/2' ABOVE THE FLOOR	1RB346200
RC4A-TE-1	RCS LOOP A T-HOT ELEMENT				RB 355' EL, INSIDE "A" D-RING 1ST LANDING ON HOT LEG	1RBDR 515
RC4A-TE-2	RCS LOOP A NARROW RANGE T-HOT ELEMENT				RB 355' EL, INSIDE "A" D-RING 1ST LANDING ON HOT LEG	1RBDR 515
RC4A-TE-3	RCS LOOP A NARROW RANGE T-HOT ELEMENT				RB 355' EL, INSIDE "A" D-RING 1ST LANDING ON HOT LEG	1RBDR 515
RC4A-TE-4	RCS LOOP A T-HOT ELEMENT				RB 355' EL, INSIDE "A" D-RING 1ST LANDING ON HOT LEG	1RBDR 515
RC4B-TE-1	RCS LOOP B T-HOT ELEMENT				RB 355' INSIDE "B" D-RING 1ST LANDING SOUTH SIDE OF HOT LEG	1RBDR 520
RC4B-TE-2	RCS LOOP B NARROW RANGE T-HOT ELEMENT				RB 355' INSIDE "B" D-RING 1ST LANDING SOUTH SIDE OF HOT LEG	1RBDR 520
RC4B-TE-3	RCS LOOP B NARROW RANGE T-HOT ELEMENT				RB 355' INSIDE "B" D-RING 1ST LANDING NORTH SIDE OF HOT LEG	1RBDR 520
RC4B-TE-4	RCS LOOP B T-HOT ELEMENT				RB 355' INSIDE "B" D-RING 1ST LANDING NORTH SIDE OF HOT LEG	1RBDR 520
RC5A-TE-1	RCS LOOP A NARROW RANGE T-COLD ELEMENT				RB "A" D-RING ON LANDING DIRECTLY BELOW RC-P-1B	1RBDR 515

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC5A-TE-2	RCS LOOP A WIDE RANGE T-COLD ELEMENT				RB "A" D-RING ON LANDING DIRECTLY BELOW RC-P-1B	1RBDR 515
RC5A-TE-3	RCS LOOP A NARROW RANGE T-COLD ELEMENT				RB "A" D-RING ON LANDING DIRECTLY BELOW RC-P-1A	1RBDR 515
RC5A-TE-4	RCS LOOP A WIDE RANGE T-COLD ELEMENT				RB "A" D-RING ON LANDING DIRECTLY BELOW RC-P-1A	1RBDR 515
RC5B-TE-1	RCS LOOP B NARROW RANGE T-COLD ELEMENT				RB "B" D-RING ON LANDING DIRECTLY BELOW RC-P-1D	1RBDR 520
RC5B-TE-2	RCS LOOP B WIDE RANGE T-COLD ELEMENT				RB "B" D-RING ON LANDING DIRECTLY BELOW RC-P-1D	1RBDR 520
RC5B-TE-3	RCS LOOP B NARROW RANGE T-COLD ELEMENT				RB "B" D-RING ON LANDING DIRECTLY BELOW RC-P-1C	1RBDR 520
RC5B-TE-4	RCS LOOP B WIDE RANGE T-COLD ELEMENT				RB "B" D-RING ON LANDING DIRECTLY BELOW RC-P-1C	1RBDR 520
RC9-TE	PRESSURIZER SURGE LINE TEMP ELEMENT				RB "A" D-RING BELOW PZR ON SURGE LINE	1RBDR 515
RC-DPT-1079	PRESSURIZER VENT FLOW TRANSMITTER				RB OPERATING FLOOR NE SIDE OF "A" D-RING 4' UP ON D-RING WALL	1RB346200
RC-DPT-1080	LOOP B HOT LEG VENT FLOW TRANSMITTER				RB ON TOP OF "B" D-RING ON THE NORTH END AT THE RAILING	1RB365300B
RC-DPT-1081	RX VESSEL HEAD VENT FLOW TRANSMITTER				RB ON RX VESSEL HEAD PLATFORM RAILING, S OUTHEAST SIDE	1RB348205
RC-DPT-1082	LOOP A HOT LEG VENT FLOW TRANSMITTER				RB ON TOP OF "A" D-RING AT THE RAILING NORTH END	1RB365300A
RC-DPT-921-BK	VBD SW# 15: RC-DPT-921/2/3 & RC-LT-1037				CONTROL TWR 322: B INVERTER ROOM	1CB322200
RC-GRP-0008	PZR BACK-UP HEATER GROUP 8	N/A	N/A	IN PZR		
RC-GRP-0009	PZR BACK-UP HEATER GROUP 9	N/A	N/A	IN PZR		
RC-GRP-8VP	(UNIT 3A)PZR HTR GROUP 8 BACKUP FEED(P BUS)				IN 1P-480V-ES E SIDE RED RM	
RC-GRP-9VS	(UNIT 3A)PZR HTR GROUP 9 BACKUP FEED(S BUS)				IN 1S-480V-ES GREEN ROOM	
RC-H-1A	A ONCE THROUGH STEAM GENERATOR				INSIDE 'A' D-RING WALL E OF REACTOR VESSEL	
RC-H-1B	B ONCE THROUGH STEAM GENERATOR				INSIDE 'B' D-RING W OF REACTOR VESSEL	
RC-LT-0777	PRESSURIZER LEVEL TRANSMITTER	RB	281	S SIDE ELEV PLATFORM		
RC-LT-1033	LOOP A HOT LEG LEVEL TRANSMITTER				1ST INSTRUMENT RACK S O F THE ELEVATOR PLATFORM 6 OFF THE FLR	1RB279000
RC-LT-1034	LOOP B HOT LEG LEVEL TRANSMITTER				RX BLDG BASEMENT INSTRUMENT RACK BY RB S LUMP 5' OFF THE FLOOR	1RB279000
RC-LT-1035	RX VESSEL LEVEL TRANSMITTER "A"				1ST INSTRUMENT RACK S O F THE ELEVATOR PLATFORM 6 OFF THE FLR	1RB279000
RC-LT-1036	RX VESSEL LEVEL TRANSMITTER "B"				RX BLDG BASEMENT INSTRUMENT RACK "B" D-R ING WALL BY THE RB SLUMP	1RB279000
RC-P-1*	RC-P1: GENERAL LOOP NUMBR					
RC-P-1A	'A' REACTOR COOLANT PUMP				RB INSIDE D-RING	1RBDR 505A
RC-P-1B	'B' REACTOR COOLANT PUMP				RB INSIDE D-RING	1RBDR 505B
RC-P-1C	'C' REACTOR COOLANT PUMP				RB INSIDE D-RING	1RBDR 505C
RC-P-1D	'D' REACTOR COOLANT PUMP				RB INSIDE D-RING	1RBDR 505D

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-P-2A/1-BK	1A ES MCC UNIT 13B				CONTROL TWR 322: 1P SWGR ROOM	
RC-P-2A/2-BK	1C DC SW# 18 :				CONTROL TWR 322: A INVERTER ROOM	
RC-P-2B/1-BK	1B ES MCC UNIT 4C				CONTROL TWR 322: 1S SWGR ROOM	
RC-P-2C/1-BK	1A ES MCC UNIT 13C				CONTROL TWR 322: 1P SWGR ROOM	
RC-P-2C/2-BK	1C DC SW# 19 :				CONTROL TWR 322: A INVERTER ROOM	
RC-P-2D/1-BK	1B ES MCC UNIT 4D				CONTROL TWR 322: 1S SWGR ROOM	
RC-PM-1A-BK1	VBA SW# 15: RC-P-1A PWR MONITOR #1				CONTROL TWR 322: A INVERTER ROOM	1CB322200
RC-PM-1B-BK1	VBB SW# 18: RC-P-1B PWR MONITOR #1				CONTROL TWR 322: B INVERTER ROOM	1CB322200
RC-PM-1C-BK1	VBC SW# 12: RC-P-1C PWR MONITOR #1				CONTROL TWR 322: A INVERTER ROOM	1CB322200
RC-PM-1D-BK1	VBD SW# 9 : RC-P-1D PWR MONITOR #1				CONTROL TWR 322: B INVERTER ROOM	1CB322200
RC-PM-2A-BK1	VBA SW# 16: RC-P-1A PWR MONITOR #2				CONTROL TWR 322: A INVERTER ROOM	1CB322200
RC-PM-2B-BK1	VBB SW# 21: RC-P-1B PWR MONITOR #2				CONTROL TWR 322: B INVERTER ROOM	1CB322200
RC-PM-2C-BK1	VBC SW# 14: RC-P-1C PWR MONITOR #2				CONTROL TWR 322: A INVERTER ROOM	1CB322200
RC-PM-2D-BK1	VBD SW# 10: RC-P-1D PWR MONITOR #2				CONTROL TWR 322: B INVERTER ROOM	1CB322200
RC-PT-0949	RCG LOOP B PRESSURE TRANSMITTER	RB	346	N END OUTSIDE B D-RING		
RC-PT-0963	RCS LOOP A WIDE RANGE PRESSURE TRANSMITTER	RB	346	S END OUTSIDE A D-RING		
RC-RV-0001A	PZR SAFETY VALVE 1A	RBDA	346	TOP OF PZR		
RC-RV-0001B	PZR SAFETY VALVE 1B	RBDA	346	TOP OF PZR		
RC-RV-0002	PILOT OPERATED RELIEF VALVE (PORV)	RBDA	346	TOP OF PRESSURIZER		
RC-RV-211	SPARE PZR PILOT OPERATED RELIEF VALVE				TOP OF PRESSURIZER(NOT INSTALLED)	1RBDR 510
RC-RV-2-BK	1C DC SW# 2:				322' CB A INVERTER ROOM	1CB322200
RC-TE-0958	RC/RC LOOP A T HOT TEMP.	RB	346	RB-S SIDE A HOT LEGA DRG E355		
RC-TE-0959	RC LOOP A WIDE RANGE T-COLD ELEMENT	RB	281	A D-RING BELOW RC-P-1B		
RC-TE-0960	RC LOOP B WIDE RANGE T-HOT ELEMENT	RB	346	250 DEGREES		
RC-TE-0961	RC LOOP B WIDE RANGE T-COLD ELEMENT	RB	281	B D-RING BELOW RC-P-1C N SIDE		
RC-TE-1033	RC-LT-1033/1035 REFERENCE TEMP				RB 308, EAST OF "A" D-RING, NEAR PERS. HATCH, 3' ABOVE FLOOR	1RB308100
RC-TE-1034	RC-LT-1034/1036 REFERENCE TEMP				RB 308, OUTSIDE "B" D-RING SOUTH OF WEST STAIRS 5' ABOVE FLOOR	1RB308100
RC-TE-1052	RC-TE-1054 COLD JUNCTION REF TEMP				RB OPERATING FLOOR ON D-RING WALL AT INC ORE TABLE 6' OFF FLOOR	1RB346200
RC-TE-1053	RC-TE-1055 COLD JUNCTION REF TEMP				RB OPERATING FLOOR ON D-RING WALL AT INC ORE TABLE 1' OFF FLOOR	1RB346200
RC-TE-1054	INCORE TC RCITS CORE EXIT TEMPERATURE				CORE LOCATION K-5	1RB346200
RC-TE-1055	INCORE TC RCITS CORE EXIT TEMPERATURE				CORE LOCATION K-12	1RB346200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-TE-958	RCS LOOP A WIDE RANGE T-HOT ELEMENT				RB "A" D-RING 355' EL, SOUTH SIDE OF "A" HOT LEG	1RBDR 515
RC-TE-959	RCS LOOP A WIDE RANGE T-COLD ELEMENT				RB "A" D-RING DIRECTLY BELOW B RCP SOUTH SIDE	1RBDR 515
RC-TE-960	RCS LOOP B WIDE RANGE T-HOT ELEMENT				RB 355'ELEV. INSIDE "B" D-RING 1ST LANDING SOUTH SIDE OF HOT LEG	1RBDR 520
RC-TE-961	RCS LOOP B WIDE RANGE T-COLD ELEMENT				RB "B" D-RING DIRECTLY BELOW C RCP NORTH SIDE	1RBDR 520
RC-V-0001	PRESSURIZER SPRAY VALVE	RB	346	TOP OF PZR		
RC-V-0002	PORV BLOCK VALVE	RB	346	TOP OF PZR		
RC-V-0003	PRESSURIZER SPRAY BLOCK VALVE	RB	346	TOP OF PZR		
RC-V-0028	PZR VENT TO RCDT ISOL VALVE	RB	346	N SIDE OF A D-RING 5' ABOVE FL		
RC-V-0044	PZR VENT BLOCK VALVE	RBDA	346	TOP OF PZR		
RC-V-1000	RC14A-FE HI SIDE ROOT ISOL				ON A HOT LEG SW QD BTWN HLEG&D-RING ABT 3 BLW TOP PZR PLTFORM	1RBDR 515
RC-V-1001	RC14A-FE HI SIDE ISOL				ON A HOT LEG SW QD BTWN HLEG&D-RING ABT 3 BLW TOP PZR PLTFORM	1RBDR 515
RC-V-1002	RC14A-FE LO SIDE ROOT ISOL				ON A HOT LEG NW QD BTWN HLEG&D-RING ABT 3 BLW TOP PZR PLTFORM	1RBDR 515
RC-V-1003	RC14A-FE LO SIDE ISOL				ON A HOT LEG NW QD BTWN HLEG&D-RING ABT 3 BLW TOP PZR PLTFORM	1RBDR 515
RC-V-1004	RC3A-PT-2 & 4 AND RC-PT-963 ROOT VALVE				RB ON S SIDE OF HOT LEG A LOOP ON LEVEL WITH VERY TOP OF A OTSG	1RBDR 515
RC-V-1005	RC3A-PT-2 & 4 AND RC-PT-963 ISOL VALVE				RB ON S SIDE OF HOT LEG A LOOP ON LEVEL WITH VERY TOP OF A OTSG	1RBDR 515
RC-V-1006	RC3A-PT-1 AND RC3A-PT-3 INST ROOT VALVE				RB BETWEEN TOP OF "A" OTSG AND HOT LEG ON EAST SIDE OF HOT LEG	1RBDR 515
RC-V-1007	RC3A-PT-1 AND RC3A-PT-3 INST ISOL VALVE				RB BETWEEN TOP OF "A" OTSG AND HOT LEG ON EAST SIDE OF HOT LEG	1RBDR 515
RC-V-1008	RC14B-FE HI SIDE ROOT ISOL				ON B HOT LEG NE SECTN BTWN HOT LEG & WALL @ TOP RC-P-1C MTR LVL	1RBDR 520
RC-V-1009	RC14B-FE HI SIDE ISOL				ON B HOT LEG NE SECTN BTWN HOT LEG & WALL @ TOP RC-P-1C MTR LVL	1RBDR 520
RC-V-1010	RC14B-FE LO SIDE ROOT ISOL				ON B HOT LEG, SE SECTN BTWN HOT LEG&WALL @ TOP RCP-1C MOTOR LVL	1RBDR 520
RC-V-1011	RC14B-FE LO SIDE ISOL				ON B HOT LEG,SE SECTN BTWN HOT LEG&WALL @ TOP RCP-1C MOTOR LVL	1RBDR 520
RC-V-1012	RC3B-PT-1 & 3 AND RC-PT-949 ROOT VALVE				B HOT LEG W SIDE OF LEG 6FT ABOVE PLATFORM AROUND TOP OF B OTSG	1RBDR 520
RC-V-1013	RC3B-PT-1 & 3 AND RC-PT-949 ISOL VALVE				B HOT LEG W SIDE OF LEG 6FT ABOVE PLATFORM AROUND TOP OF B OTSG	1RBDR 520
RC-V-1014	RC3B-PT-2 INSTRUMENT ROOT VALVE				RB "B" HOT LEG ON N SIDE 6 ABOVE PLATFORM AROUND TOP OF B OTSG	1RBDR 520
RC-V-1015	RC3B-PT-2 INSTRUMENT ISOL VALVE				RB "B" HOT LEG ON N SIDE 6 ABOVE PLATFORM AROUND TOP OF B OTSG	1RBDR 520
RC-V-1016	RC1-LT-1 REFERENCE LEG ROOT VALVE				RB TOP OF PZR 1' ABOVE PLATFORM ON SOUTH SIDE OF PZR	1RBDR 510

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1017	RC1-LT-1 REFERENCE LEG ISOLATION VLV				RB TOP OF PZR 1' ABOVE PLATFORM ON SOUTH SIDE OF PZR	1RBDR 510
RC-V-1018	RC1-LT-1 VARIABLE LEG ROOT VALVE				RB 3' ABOVE BOTTOM OF PZR ON SOUTH SIDE OF PZR	1RBDR 515
RC-V-1019	RC1-LT-1 VARIABLE LEG ISOLATION VLV				RB 3' ABOVE BOTTOM OF PZR ON SOUTH SIDE OF PZR	1RBDR 515
RC-V-1020	RC-LT-777 REFERENCE LEG ROOT VALVE				RB TOP OF PZR 1' ABOVE PLATFORM AT NORTH WEST CORNER OF PZR	1RBDR 510
RC-V-1021	RC-LT-777 REFERENCE LEG ISOLATION VLV				RB TOP OF PZR 1' ABOVE PLATFORM AT NORTH WEST CORNER OF PZR	1RBDR 510
RC-V-1022	RC-LT-777 VARIABLE LEG ROOT VALVE				RB 3' ABOVE BOTTOM OF PZR IN NORTHWEST CORNER OF PZR	1RBDR 515
RC-V-1023	RC-LT-777 VARIABLE LEG ISOLATION VLV				RB 3' ABOVE BOTTOM OF PZR IN NORTHWEST CORNER OF PZR	1RBDR 515
RC-V-1024	RC1-LT-3 REFERENCE LEG ROOT VALVE				TOP PZR 1FT ABV PLTFORM, NE CORNER PZR HIDDEN BACK UNDR MIR INSUL	1RBDR 510
RC-V-1025	RC1-LT-3 REFERNECE LEG ISOLATION VLV				NE CORNER @ TOP PZR, 1FT ABV PLTFRM, HIDDEN BCK UNDER MIRROR INSUL	1RBDR 510
RC-V-1026	RC1-LT-3 VARIABLE LEG ROOT VALVE				RB BOTTOM OF PZR NORTHEAST WALL IN D-RING BEHIND HTR BUNDLE	1RBDR 515
RC-V-1027	RC1-LT-3 VARIABLE LEG ISOLATION VLV				RB BOTTOM OF PZR NORTHEAST WALL IN D-RING BEHIND HTR BUNDLE	1RBDR 515
RC-V-1028	RC-PX-398 A HOT LEG VENT ROOT VALVE				RB OPERATING FLOOR NORTH END OF "A" SG D-RING 6' ABOVE FLOOR	1RB346200
RC-V-1029	RC-PX-399 B HOT LEG VENT ROOT VALVE				RB OPERATING FLOOR NORTH END OF "B" SG D-RING 5' ABOVE FLOOR	1RB346200
RC-V-1030	RC-PX-400 A COLD LEG DRN ROOT VALVE				RX BLDG BASEMENT SOUTH OF ELEV PLATFORM AT FLOOR LEVEL	1RB279000
RC-V-1031	RC-PX-401 B COLD LEG DRN ROOT VALVE				OUTSIDE D-RING WALL S OF ELEVATOR, CORNER BY E STAIRWELL @ FLR LVL	1RB279000
RC-V-1032	RC-PX-402 C COLD LEG DRN ROOT VALVE				RB BASEMENT "B" D-RING ACROSS FROM WEST STAIRS AT FLOOR LEVEL	1RB279000
RC-V-1033	RC-PX-403 D COLD LEG DRN ROOT VALVE				RB BASEMENT OUTSIDE "B" D-RING SOUTH OF W STAIRS AT FLR LEVEL	1RB279000
RC-V-1034	RC-PX-461 A COLD LEG ROOT VALVE				RB JUST UNDER "A" RCP ON NORTH SIDE OF "A" COLD LEG	1RBDR 505A
RC-V-1035	RC-PX-461 A COLD LEG ISOLATION VLV				RB JUST UNDER "A" RCP ON NORTH SIDE OF "A" COLD LEG	1RBDR 505A
RC-V-1036	RC-LT-1138 PRIMARY ISOLATION ROOT VALVE				314' RB INSIDE "A" D-RING ON DISCHARGE OF "A" RCP	1RBDR 515
RC-V-1037	RC-LT-1138 SECOND ISOLATION ROOT VALVE				314' RB INSIDE "A" D-RING ON DISCHARGE OF "A" RCP	1RBDR 515
RC-V-1038	RC-PX-463 B COLD LEG ROOT VALVE				RB JUST UNDER "B" RCP ON SOUTH SIDE OF "B" COLD LEG	1RBDR 505B
RC-V-1039	RC-PX-463 B COLD LEG ISOLATION VLV				RB JUST UNDER "B" RCP ON SOUTH SIDE OF "B" COLD LEG	1RBDR 505B

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1040	RC-LT-1037 HI SIDE ROOT VLV				W OF B RCP AT BOTTOM OF PMP ON S SIDE OF COLD LEG 6FT ABV GRATNG	1RBDR 520
RC-V-1041	RC-LT-1037 HI SIDE ISOL VLV				W OF B RCP AT BOTTOM OF PMP ON S SIDE OF COLD LEG 6FT ABV GRATNG	1RBDR 520
RC-V-1042	RC18-DPT-1 LO SIDE ROOT VLV				RCP1A RECESS ABV MIR INSUL BTWN TOP P&M CPLG NE QD BTWN PMP/OTSG	1RBDR 515
RC-V-1043	RC18-DPT-1 HI SIDE ROOT VLV				RCP1A RECESS ABV MIR INSUL BTWN TOP P&M CPLG NW QD BTWN PMP/OTSG	1RBDR 515
RC-V-1044	RC18-DPT-1 LO SIDE ROOT VLV				RCP1A RECESS ABV MIR INSUL BTWN TOP P&M CPLG NE QD BTWN PMP/PZR	1RBDR 515
RC-V-1045	RC18-DPT-2 HI SIDE ROOT VLV				RCP1B ABV MIR INSUL BTWN TOP P&M CPLG N QUAD BTWN PMP/PZR 7 UP	1RBDR 515
RC-V-1048	RC18-DPT-4 LO SIDE ROOT VLV				RCP1D RECESS ABV MIR INSUL 1FT BLW PL TFRM PMP MTR CPLNG SW QD	1RBDR 520
RC-V-1049	RC18-DPT-4 HI SIDE ROOT VLV				D RCP 1FT BLW PL TFRM PMP MTR CPLG SW QD PMP RECESS ABV MIR INSUL	1RBDR 520
RC-V-1050	RC1-LT-1 REFERENCE SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1051	RC1-LT-1 VARIABLE SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1052A	RC1-LT-1 MANIFOLD HI SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1052B	RC1-LT-1 MANIFOLD LO SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1052C	RC1-LT-1 MANIFOLD EQUALIZING VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1052D	RC1-LT-1 MANIFOLD HI SIDE DRAIN VALVE				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1052E	RC1-LT-1 MANIFOLD LO SIDE DRAIN VALVE				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1053	SPARE PZR DPT REFERENCE LEG ISOL VALVE				RB 281' LVL OUTSIDE OF D-RING	1RB279000
RC-V-1054	SPARE PZR DPT VARIABLE LEG ISOL VALVE				RB 281' LVL OUTSIDE OF D-RING	1RB279000
RC-V-1055	RC1LT2 MANIFOLD VALVE				OUTSIDE D-RING WALL S OF ELEVATOR PLATF	
RC-V-1056	RC1-LT-3 REFERENCE SIDE ISOLATION VLV				OUTSIDE D-RING WALL S OF ELEVATOR PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1057	RC1-LT-3 VARIABLE SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1058A	RC1-LT-3 MANIFOLD HI SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1058B	RC1-LT-3 MANIFOLD LO SIDE ISOLATION VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1058C	RC1-LT-3 MANIFOLD EQUALIZING VLV				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1058D	RC1-LT-3 MANIFOLD HI SIDE DRAIN VALVE				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1058E	RC1-LT-3 MANIFOLD LO SIDE DRAIN VALVE				RB BASEMENT OUTSIDE D-RING WALL S OF ELEV PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1059	RC3A-PT-1 ISOLATION VALVE				RX OPERATING FLOOR NORTH WALL OF "A" D-RING 4' WEST OF RCV.4 & 5	1RB346200
RC-V-1060	RC3A-PT-2 ISOLATION VALVE				OP FLR S END "A" D-RING 5 1/2 ABOVE FLR TO RIGHT OF INCORE AREA	1RB346200
RC-V-1061	RC3A-PT-3 ISOLATION VALVE				NE END A D-RING 5.5FT ABV FLR STRAIGHT OUT FRM ELEVATOR&TO RIGHT	1RB346200
RC-V-1062	RC3A-PT-4 ISOLATION VALVE				S END OF A D-RING 5.5FT ABOVE FLR TO RIGHT & REAR OF INCORE AREA	1RB346200
RC-V-1063	RC3B-PT-1 ISOLATION VALVE				RX OPERATING FLOOR NORTH END "B" D-RING 4' ABOVE FLOOR	1RB346200
RC-V-1064	RC3B-PT-2 ISOLATION VALVE				RX OPERATING FLR S END "B" D-RING 4 1/2 ABOVE FLR (RC 3B PT2)	1RB346200
RC-V-1065	RC3B-PT-3 ISOLATION VALVE				RX OPERATING FLR NEND "B" D-RING 5 1/2 ABOVE FLR (RC3B-PT-3)	1RB346200
RC-V-1066	RC14A-DPT-1 HI SIDE ISOL VALVE				RB S OF THE PERSONNEL HATCH, ON S WALL STAIRS 2FT ABOVE FLR	1RB308100
RC-V-1067	RC14A-DPT-1 LO SIDE ISOL VALVE				RB 305 S OF PERSONNEL HATCH, ON S WALL AT STAIRS 2 ABOVE THE FLR	1RB308100
RC-V-1068A	RC14A-DPT-1 HIGH SIDE ISOLATION VALVE				AT RC14A-DPT-1 IN REACTOR BLDG	1RB308100
RC-V-1068B	RC14A-DPT-1 LOW SIDE ISOLATION VALVE				AT RC14A-DPT-1 IN REACTOR BLDG	1RB308100
RC-V-1068C	RC14A-DPT-1 EQUALIZING VALVE				AT RC14A-DPT-1 IN REACTOR BLDG	1RB308100
RC-V-1068D	RC14A-DPT-1 DRAIN VALVE				AT RC14A-DPT-1 IN REACTOR BLDG	1RB308100
RC-V-1069	RC14A-DPT-2 HI SIDE ISOL VALVE				RB 305 S OF PERSONNEL HATCH ON S WALL AT STAIRS 4 1/2 ABOVE FLR	1RB308100
RC-V-1070	RC14A-DPT-2 LO SIDE ISOL VALVE				RB 305 S OF PERSONNEL HATCH ON S WALL AT STAIRS 4 1/2 ABOVE FLR	1RB308100
RC-V-1071A	RC14A-DPT-2 HIGS SIDE ISOLATION VALVE				AT RC14A-DPT-2 IN REACTOR BLDG	1RB308100
RC-V-1071B	RC14A-DPT-2 LOW SIDE ISOLATION VALVE				AT RC14A-DPT-2 IN REACTOR BLDG	1RB308100
RC-V-1071C	RC14A-DPT-2 EQUALIZING VALVE				AT RC14A-DPT-2 IN REACTOR BLDG	1RB308100
RC-V-1071D	RC14A-DPT-2 DRAIN VALVE				AT RC14A-DPT-2 IN REACTOR BLDG	1RB308100
RC-V-1072	RC14A-DPT-3 HI SIDE ISOL VALVE				RB 305 S OF PERSONNEL HATCH ON S WALL AT STAIRS 4 1/2 ABOVE FLR	1RB308100
RC-V-1073	RC14A-DPT-3 LO SIDE ISOL VALVE				RB 305 S OF PERSONNEL HATCH ON S WALL AT STAIRS 4 1/2 ABOVE FLR	1RB308100
RC-V-1074A	RC14A-DPT-3 HIGH SIDE ISOLATION VALVE				AT RC14A-DPT-3 IN REACTOR BLDG	1RB308100
RC-V-1074B	RC14A-DPT-3 LOW SIDE ISOLATION VALVE				AT RC14A-DPT-3 IN REACTOR BLDG	1RB308100
RC-V-1074C	RC14A-DPT-3 EQUALIZING VALVE				AT RC14A-DPT-3 IN REACTOR BLDG	1RB308100
RC-V-1074D	RC14A-DPT-3 DRAIN VALVE				AT RC14A-DPT-3 IN REACTOR BLDG	1RB308100
RC-V-1075	RC14A-DPT-4 HI SIDE ISOL VALVE				S OF PERSONNEL HATCH ON S WALL AT STAIRS 4 1/2FT ABOVE FLR	1RB308100
RC-V-1076	RC14A-DPT-4 LO SIDE ISOL VALVE				S OF PERSONNEL HATCH AT ON S WALL AT STAIRS 4 1/2 ABOVE FLR	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1077A	RC14A-DPT-4 HIGH SIDE ISOLATION VALVE				AT RC14A-DPT-4 IN REACTOR BLDG	1RB308100
RC-V-1077B	RC14A-DPT-4 LOW SIDE ISOLATION VALVE				AT RC14A-DPT-4 IN REACTOR BLDG	1RB308100
RC-V-1077C	RC14A-DPT-4 EQUALIZING VALVE				AT RC14A-DPT-4 IN REACTOR BLDG	1RB308100
RC-V-1077D	RC14A-DPT-4 DRAIN VALVE				AT RC14A-DPT-4 IN REACTOR BLDG	1RB308100
RC-V-1078	RC14A-DPT-1 AND 2 HI SIDE DRAIN VALVE				RB 305 S OF PERSONNEL HATCH ON S WALL AT STAIRS 2 ABOVE FLR	1RB308100
RC-V-1079	RC14A-DPT-1 AND 2 LO SIDE DRAIN VALVE				RB 305 S OF THE PERSONNEL HATCH ON S WALL AT STAIRS 2 ABOVE FLR	1RB308100
RC-V-1081	RC14B-DPT-1 HI SIDE ISOL VALVE				RB 308' ELEV BEHIND CF-T-1B	1RB308100
RC-V-1082	RC14B-DPT-1 LO SIDE ISOL VALVE				RB 308' ELEV BEHIND CF-T-1B	1RB308100
RC-V-1083A	RC14B-DPT-1 HIGH SIDE ISOLATION VALVE				AT RC14B-DPT-1 IN REACTOR BLDG	1RB308100
RC-V-1084	RC14B-DPT-2 HI SIDE ISOL VALVE				RB 308' ELEV BEHIND CF-T-1B	1RB308100
RC-V-1085	RC14B-DPT-2 LO SIDE ISOL VALVE				RB 308' ELEV BEHIND CF-T-1B	1RB308100
RC-V-1086A	RC14B-DPT-2 HIGH SIDE ISOLATION VALVE				AT RC14B-DPT-2 IN REACTOR BLDG	1RB308100
RC-V-1087	RC14B-DPT-3 HI SIDE ISOL VALVE				RB 308' ELEV BEHIND CF-T-1B	1RB308100
RC-V-1088	RC14B-DPT-3 LO SIDE ISOL VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1089A	RC14B-DPT-3 HIGH SIDE ISOLATION VALVE				AT RC14B-DPT-3 IN REACTOR BLDG	1RB308100
RC-V-1090	RC14B-DPT-4 HI SIDE ISOL VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1091	RC14B-DPT-4 LO SIDE ISOL VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1092A	RC14B-DPT-4 HIGH SIDE ISOLATION VALVE				AT RC14B-DPT-4 IN REACTOR BLDG	1RB308100
RC-V-1093	RC-V-1095 HI SIDE ISOL VLV				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1094	RC-V-1095 LO SIDE ISOL VLV				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1095A	SPARE HI SIDE ISOL VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1095B	SPARE LO SIDE ISOL VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1095C	SPARE EQUALIZING VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1095D	SPARE HI/LO TEST CONN VALVE				RB 308' ELEV BEHIND OF CF-T-1B	1RB308100
RC-V-1096	RC18-DPT-1 HI SIDE ISOL VALVE				RX BLDG 281 EL OUTSIDE D-RING WALL SOUTH OF ELEV PLATFORM	1RB279000
RC-V-1097	RC18-DPT-1 LO SIDE ISOL VALVE				RB 281 EL OUTSIDE D-RING WALL S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1098A	RC18-DPT-1 HI SIDE ISOL VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR, 5' ABOVE FLOOR	1RB279000
RC-V-1098B	RC18-DPT-1 LO SIDE ISOL VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR, 5' ABOVE FLOOR	1RB279000
RC-V-1098C	RC18-DPT-1 EQUALIZING VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR, 5' ABOVE FLOOR	1RB279000
RC-V-1098D	RC18-DPT-1 HI/LO TEST CONN VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR, 5' ABOVE FLOOR	1RB279000
RC-V-1099	RC18-DPT-2 HI SIDE ISOL VALVE				RB 281 EL OUTSIDE D-RING WALL S OF ELEVATOR PLATFORM 4 ABOVE FLR	1RB279000
RC-V-1100	RC18-DPT-2 LO SIDE ISOL VALVE				RB 281 EL OUTSIDE D-RING WALL S OF ELEVATOR PLATFORM 4 ABOVE FLR	1RB279000
RC-V-1101A	RC18-DPT-2 HI SIDE ISOL VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR PLATFORM 4' ABOVE FLOOR	1RB279000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1101B	RC18-DPT-2 LO SIDE ISOL VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR PLATFORM 4' ABOVE FLOOR	1RB279000
RC-V-1101C	RC18-DPT-2 EQUALIZING VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR PLATFORM 4' ABOVE FLOOR	1RB279000
RC-V-1101D	RC18-DPT-2 HI/LO TEST CONN VALVE				RX BLDG BASEMENT SOUTH OF THE ELEVATOR PLATFORM 4' ABOVE FLOOR	1RB279000
RC-V-1105	RC18-DPT-4 HI SIDE ISOL VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1106	RC18-DPT-4 LO SIDE ISOL VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1107A	RC18-DPT-4 HI SIDE ISOL VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1107B	RC18-DPT-4 LO SIDE ISOL VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1107C	RC18-DPT-4 EQUALIZING VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1107D	RC18-DPT-4 HI/LO TEST CONN VALVE				RB BASEMENT OUTSIDE "B" D-RING ACROSS FROM W STAIRS 5 ABOVE FLR	1RB279000
RC-V-1112	RC3A-PT-5 ISOLATION VALVE				OUTSIDE "A" D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1113	SPARE DPT HI SIDE ISOLATION VLV				RB S OF PERSONNEL HATCH EXTREME SW CORNER OF D-RING WALL 2 UP	1RB308100
RC-V-1114	SPARE DPT LO SIDE ISOLATION VLV				S OF PERSONNEL HATCH EXTREME SW CORNER OF D-RING WALL 2 ABOVE FL	1RB308100
RC-V-1115A	SPARE HI SIDE ISOL VALVE				S OF THE PERSONNEL HATCH, IN SW CORNER AT THE STAIRS 2 ABOVE FLR	1RB308100
RC-V-1115B	SPARE LO SIDE ISOL VALVE				S OF THE PERSONNEL HATCH, IN SW CORNER AT THE STAIRS 2 ABOVE FLR	1RB308100
RC-V-1115C	SPARE EQUALIZING VALVE				S OF THE PERSONNEL HATCH, IN SW CORNER AT THE STAIRS 2 ABOVE FLR	1RB308100
RC-V-1115D	SPARE HI/LO TEST CONN VALVE				S OF THE PERSONNEL HATCH, IN SW CORNER AT THE STAIRS 2 ABOVE FLR	1RB308100
RC-V-1116	RC14B-DPT-2 AND 4 LO SIDE DRAIN VALVE				RB 308' ELEV. SOUTH OF CF-T-1B	1RB308100
RC-V-1117	RC14B-DPT-2 AND 4 HI SIDE DRAIN VALVE				RB 308' ELEV. SOUTH OF CF-T-1B	1RB308100
RC-V-1171	RC-DPT-963 ISOLATION VALVE				S END "A" D-RING 5 1/2 ABOVE FLR TO RIGHT OF INCORE AREA	1RB346200
RC-V-1172A	RC-LT-777 HI SIDE ISOL VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1172B	RC-LT-777 LO SIDE ISOL VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1172C	RC-LT-777 EQUALIZING VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1172D	RC-LT-777 HI SIDE TEST CONN VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1172E	RC-LT-777 LO SIDE TEST CONN VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1173	RC-PT-949 ROOT ISOLATION VALVE				RX OPERATING FLOOR NORTH END OF "B" D-RING 4 ABOVE FLR (PT-949)	1RB346200
RC-V-1174	RC-LT-777 VARIABLE SIDE ISOLATION VLV				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1175	RC-LT-777 VARIABLE SIDE DRN ISOL VLV				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 4 ABOVE FLR	1RB279000
RC-V-1176	RC-LT-777 REF SIDE DRAIN ISOL VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1177	RC-LT-777 REF SIDE ISOLATION VALVE				OUTSIDE A D-RING S OF ELEVATOR PLATFORM 5 ABOVE FLR	1RB279000
RC-V-1178	RC-PT-963 ROOT ISOLATION VALVE				S END OF A D-RING 5 1/2FT ABOVE FLR TO RIGHT OF INCORE AREA	1RB346200
RC-V-1179	RC-PT-949 ISOLATION VALVE				RX OPERATING FLOOR NORTH END OF "B" D-RING 4 ABOVE FLR (PT-949)	1RB346200
RC-V-1180	RC-DPT-1079 EQUALIZING VALVE				RB OPERATING FLR NORTH END OF "B" D-RING 4 ABOVE FLR (DPT-1079)	1RB346200
RC-V-1181	RC-DPT-1080 EQUALIZING VALVE				RB OPERATING FLR NORTH END OF "B" D-RING, 17 ABOVE ABOVE THE FLR	1RB346200
RC-V-1182	RC-DPT-1082 EQUALIZATION VALVE				RB 3RD FLOOR 'A' D-RING NORTH 1 FOOT ABOVE FLOOR	1RB365300A
RC-V-1185	RC-DPT-1081 EQUALIZING VALVE				RX BLDG 345' ELEV NORTHEAST CORNER ABOVE PLATFORM	1RB346200
RC-V-1186	RC-LT-777 VAR SIDE DRAIN VALVE				OUTSIDE OF "A" D-RING S OF ELEVATOR PLATFORM 3 ABOVE FLR	1RB279000
RC-V-1187	RC-LT-777 REF SIDE DRAIN VALVE				OUTSIDE OF "A" D-RING S OF ELEVATOR PLATFORM 3 ABOVE PLATFORM	1RB279000
RC-V-1188	RC-DPT-1079 HI SIDE ISOL VALVE				RX BLDG OPERATING FLOOR NORTH END OF "A" SG D-RING 4 ABOVE FLOOR	1RB346200
RC-V-1189	RC-DPT-1079 LO SIDE ISOL VALVE				RX BLDG OPERATING FLOOR NORHT END OF "A" SG D-RING 4 ABOVE FLOOR	1RB346200
RC-V-1190	RC-DPT-1082 HI SIDE ISOL VALVE				RX OPERATING FLR NEND OF THE "A" SG D-RING, 17 ABOVE THE FLR	1RB346200
RC-V-1191	RC-DPT-1082 LO SIDE ISOL VALVE				RX OPERATING FLR NEND OF THE "A" SG D-RING, 17 ABOVE THE FLR	1RB346200
RC-V-1193	RC-DPT-1080 LO SIDE ISOL VALVE				RX OPERATING FLR NORTH END OF "A" SG D-RING, 17 ABOVE THE FLR	1RB346200
RC-V-1194	RC-DPT-1081 LO SIDE ISOL VALVE				RX BLDG 345' ELEV. NORTHEAST CORNER ABOVE THE PLATFORM	1RB346200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1195	RC-DPT-1081 HI SIDE ISOL VALVE				RX BLDG 345' ELEV. NORTHWEST CORNER ABOVE THE PLATFORM	1RB346200
RC-V-1196	RC-LT-1033 TO 1036 DROP LINE ROOT VALVE				RB 300' ELEV ON PIPE BETWEEN DH-V-1 & HOT LEG	1RBDR 520
RC-V-1197	RC-LT-1033 TO 1036 DROP LINE ISOL VALVE				RB 300' ELEV ON PIPE BETWEEN DH-V-1 & HOT LEG	1RBDR 520
RC-V-1198	RC-LT-1035 CONDENSATE POT VENT VALVE				RB OPERATING FLOOR SOUTH SIDE OF "A" D-RING 12' ABOVE THE FLOOR	1RB346200
RC-V-1199	RC-LT-1035 CONDENSATE POT VENT VALVE				RB OPERATING FLOOR SOUTH SIDE OF "A" D-RING 12' ABOVE THE FLOOR	1RB346200
RC-V-1200	RC-LT-1036 CONDENSATE POT VENT VALVE				RB OPERATING FLOOR SOUTH SIDE OF "B" D-RING 12' ABOVE THE FLOOR	1RB346200
RC-V-1201	RC-LT-1036 CONDENSATE POT VENT VALVE				RB OPERATING FLOOR SOUTH SIDE OF "B" D-RING 12' ABOVE THE FLOOR	1RB346200
RC-V-1202	RC-LT-1033 CONDENSATE POT VENT VALVE				RX BLDG: TOP OF "A" D-RING: AT CONDENSING POT FOR RC-LT-1033	1RB346200
RC-V-1203	RC-LT-1033 CONDENSATE POT VENT VALVE				RX BLDG: TOP OF "A" D-RING: AT CONDENSING POT FOR RC-LT-1033	1RB346200
RC-V-1204	RC-LT-1033 REFERENCE LEG ROOT VALVE				RX BLDG TOP OF "A" D-RING	1RB365300A
RC-V-1205	RC-LT-1033 REFERENCE LEG ISOL VALVE				RX BLDG TOP OF "A" D-RING	1RB365300A
RC-V-1206	RC-LT-1034 CONDENSATE POT VENT VALVE				RX BLDG TOP OF THE "B" D-RING WEST OF THE AISLEWAY	1RB365300B
RC-V-1207	RC-LT-1034 CONDENSATE POT VENT VALVE				RX BLDG TOP OF THE "B" D-RING WEST OF THE AISLEWAY	1RB365300B
RC-V-1208	RC-LT-1034 REFERENCE LEG ROOT VALVE				RX BLDG 367' EL, TOP CENTER OF "B" D-RING	1RB365300B
RC-V-1209	RC-LT-1034 REFERENCE LEG ISOL VALVE				RX BLDG TOP CENTER OF "B" D-RING	1RB365300B
RC-V-1215	RC-LT-1037 HI SIDE (VARIABLE LEG) DRAIN				RX281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 2 ABOVE FLR	1RB279000
RC-V-1216	RC-LT-1037 HI SIDE (VARIABLE LEG) DRAIN				RX281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 1 ABOVE FLR	1RB279000
RC-V-1217	RC-LT-1037 DRAIN ISOL VALVE				RX 281 1ST INSTRUMENT RACK SOUTH OF THE ELEVATOR PLATFORM	1RB279000
RC-V-1220	RC-LT-1033 HI SIDE DRAIN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 2 ABOVE FLR	1RB279000
RC-V-1221	RC-LT-1033 LO SIDE DRAIN VALVE				1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 1 ABOVE TH FLR	1RB279000
RC-V-1222	RC-LT-1033 LO SIDE VENT VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1223	RC-LT-1035 LO SIDE DRAIN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 2 ABOVE FLR	1RB279000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1224	RC-LT-1035 LO SIDE DRAIN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 1 ABOVE FLR	1RB279000
RC-V-1225	RC-LT-1035 LO SIDE VENT VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1226	RC-LT-1033 HI SIDE DRAIN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 1 ABOVE FLR	1RB279000
RC-V-1227	RC-LT-1033 HI SIDE DRAIN VALVE				RB 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 1FT OFF FLR	1RB279000
RC-V-1228	RC-LT-1033 HI SIDE VENT VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 6FT OFF FLR	1RB279000
RC-V-1229	RC-LT-1035 HI SIDE VENT VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 6 ABOVE FLR	1RB279000
RC-V-1230	RC-LT-1034 LO SIDE DRAIN VALVE				RB 281 INSTRUMENT RACK B D-RING WALL AT THE RB SUMP 2FT OFF FLR	1RB279000
RC-V-1231	RC-LT-1034 LO SIDE DRAIN VALVE				RB 281 INSTRUMENT RACK B D-RING WALL AT THE RB SUMP 1 ABOVE FLR	1RB279000
RC-V-1232	RC-LT-1034 LO SIDE VENT VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 6FT ABV FLR	1RB279000
RC-V-1233	RC-LT-1036 LO SIDE DRAIN VALVE				RB281 INSTRUMENT RACK "B" D-RING WALL AT THE RB SUMP 2 ABOVE FLR	1RB279000
RC-V-1234	RC-LT-1036 LO SIDE DRAIN VALVE				RB281 INSTRUMENT RACK "B" D-RING WALL AT THE RB SUMP 1FT OFF FLR	1RB279000
RC-V-1235	RC-LT-1036 LO SIDE VENT VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 6FT ABV FLR	1RB279000
RC-V-1236	RC-LT-1036 HI SIDE DRAIN VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 1FT ABV FLR	1RB279000
RC-V-1237	RC-LT-1036 HI SIDE DRAIN VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 1FT ABV FLR	1RB279000
RC-V-1238	RC-LT-1034 HI SIDE VENT VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 6FT ABV FLR	1RB279000
RC-V-1239	RC-LT-1036 HI SIDE VENT VALVE				INSTRUMENT RACK OUTSIDE THE B D-RING AT THE RB SUMP 6FT ABV FLR	1RB279000
RC-V-1240A	RC-LT-1033 HI SIDE ISOL VALVE				RB 281 1ST INSTRUMENT RACK S OF ELEVATOR PLATFORM 4FT ABOVE FLR	1RB279000
RC-V-1240B	RC-LT-1033 LO SIDE ISOL VALVE				RB 281 1ST INSTRUMENT RACK S OF ELEVATOR PLATFORM 4FT ABOVE FLR	1RB279000
RC-V-1240C	RC-LT-1033 EQUALIZING VALVE				RB281 1ST INSTRUMENT RACK S OF ELEVATOR PLATFORM 4FT ABOVE FLR	1RB279000
RC-V-1240D	RC-LT-1033 HI SIDE TEST CONN VALVE				RB 281 1ST INSTRUMENT RACK S OF ELEVATOR PLATFORM 4FT ABOVE FLR	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1240E	RC-LT-1033 LO SIDE TEST CONN VALVE				RB 281 1ST INSTRUMENT RACK S OF ELEVATOR PLATFORM 4FT ABOVE FLR	1RB279000
RC-V-1241A	RC-LT-1035 HI SIDE ISOL VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 4FT OFF FLR	1RB279000
RC-V-1241B	RC-LT-1035 LO SIDE ISOL VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 4FT OFF FLR	1RB279000
RC-V-1241C	RC-LT-1035 EQUALIZING VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 4FT OFF FLR	1RB279000
RC-V-1241D	RC-LT-1035 HI SIDE TEST CONN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 4FT OFF FLR	1RB279000
RC-V-1241E	RC-LT-1035 LO SIDE TEST CONN VALVE				RB281 1ST INSTRUMENT RACK S OF THE ELEVATOR PLATFORM 4FT OFF FLR	1RB279000
RC-V-1242A	RC-LT-1034 HI SIDE ISOL VALVE				OUTSIDE B D-RING ON INSTRUMENT RACK AT RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1242B	RC-LT-1034 LO SIDE ISOL VALVE				OUTSIDE B D-RING ON INSTRUMENT RACK AT RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1242C	RC-LT-1034 EQUALIZING VALVE				OUTSIDE B D-RING ON INSTRUMENT RACK AT RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1242D	RC-LT-1034 HI SIDE TEST CONN VALVE				OUTSIDE B D-RING ON INSTRUMENT RACK AT RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1242E	RC-LT-1034 LO SIDE TEST CONN VALVE				OUTSIDE B D-RING ON INSTRUMENT RACK AT RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1243A	RC-LT-1036 HI SIDE ISOL VALVE				OUTSIDE "B" D-RING INSTRUMENT RACK AT THE RB SUMP 4 ABOVE FLR	1RB279000
RC-V-1243B	RC-LT-1036 LO SIDE ISOL VALVE				OUTSIDE "B" D-RING INSTRUMENT RACK AT THE RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1243C	RC-LT-1036 EQUALIZING VALVE				OUTSIDE "B" D-RING INSTRUMENT RACK AT THE RB SUMP 4 ABOVE FLR	1RB279000
RC-V-1243D	RC-LT-1036 HI SIDE TEST CONN VALVE				OUTSIDE "B" D-RING INSTRUMENT RACK AT THE RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1243E	RC-LT-1036 LO SIDE TEST CONN VALVE				OUTSIDE "B" D-RING INSTRUMENT RACK AT THE RB SUMP 4FT ABOVE FLR	1RB279000
RC-V-1245	RC-LT-1037 REFERENCE LEG (LOW SIDE) DRAIN VALVE				TRANSMITTER RACK JUST SOUTH OF ELEVATOR	
RC-V-1246	RC-LT-1037 REFERENCE LEG (LOW SIDE) DRAIN VALVE				TRANSMITTER RACK JUST SOUTH OF ELEVATOR	
RC-V-1279	RC14A-DPT1 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1280	RC14A-DPT1 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1281	RC14A-DPT2 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1282	RC14A-DPT2 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1283	RC14A-DPT3 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1284	RC14A-DPT3 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1285	RC14A-DPT4 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1286	RC14A-DPT4 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : S OF ELEVATOR : ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1287	RC14B-DPT1 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1288	RC14B-DPT1 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1289	RC14B-DPT2 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1290	RC14B-DPT2 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1291	RC14B-DPT3 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1292	RC14B-DPT3 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1293	RC14B-DPT4 HI SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1294	RC14B-DPT4 LO SIDE ISOLATION VALVE				OUTSIDE D-RING : BEHIND CF-T-1B: ABOVE XMTR BEHIND TUBING SHIELD	1RB308100
RC-V-1296	RC3A-PT1 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3A PT1	1RB346200
RC-V-1297	RC3A-PT1 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT1	1RB346200
RC-V-1298	RC3A-PT1 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT1	1RB346200
RC-V-1299	RC3A-PT2 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3A PT2	1RB346200
RC-V-1300	RC3A-PT2 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT2	1RB346200
RC-V-1301	RC3A-PT2 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT2	1RB346200
RC-V-1302	RC3A-PT3 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3A PT3	1RB346200
RC-V-1303	RC3A-PT3 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT3	1RB346200
RC-V-1304	RC3A-PT3 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT3	1RB346200
RC-V-1305	RC3B-PT1 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT1	1RB346200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-1306	RC3B-PT1 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT1	1RB346200
RC-V-1307	RC3B-PT1 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT1	1RB346200
RC-V-1308	RC3B-PT2 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3B-PT2	1RB346200
RC-V-1309	RC3B-PT2 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT2	1RB346200
RC-V-1311	RC3B-PT3 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3B-PT3	1RB346200
RC-V-1312	RC3B-PT3 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT3	1RB346200
RC-V-1313	RC3B-PT3 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3B-PT3	1RB346200
RC-V-1314	RC3A-PT4 TRANSMITTER VENT VALVE				RX BLDG, 347' ELEV, JUST ABOVE RC3A-PT4	1RB346200
RC-V-1315	RC3A-PT4 TRANSMITTER ISOLATION VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT4	1RB346200
RC-V-1316	RC3A-PT4 TRANSMITTER DRAIN VALVE				RX BLDG, 347' ELEV, JUST BELOW RC3A-PT4	1RB346200
RC-V-144A	REACTOR VESSEL INTERNAL VENT VALVE				FIRST VALVE CW FROM A OUTLET NOZZLE	
RC-V-144B	REACTOR VESSEL INTERNAL VENT VALVE				SECOND VALVE CW FROM A OUTLET NOZZLE	
RC-V-144C	REACTOR VESSEL INTERNAL VENT VALVE				THIRD VALVE CW FROM A OUTLET NOZZLE	
RC-V-144D	REACTOR VESSEL INTERNAL VENT VALVE				FORTH VALVE CW FROM A OUTLET NOZZLE	
RC-V-144E	REACTOR VESSEL INTERNAL VENT VALVE				FIFTH VALVE CW FROM A OUTLET NOZZLE	
RC-V-144F	REACTOR VESSEL INTERNAL VENT VALVE				SIXTH VALVE CW FROM A OUTLET NOZZLE	
RC-V-144G	REACTOR VESSEL INTERNAL VENT VALVE				SEVENTH VALVE CW FROM A OUTLET NOZZLE	
RC-V-144H	REACTOR VESSEL INTERNAL VENT VALVE				EIGHTH VALVE CW FROM A OUTLET NOZZLE	
RC-V-14A	LOOP A HOT LEG VENT TO RC DRAIN TANK				RX OPERATING FLOOR NORTH END OF "A" SG D-RING 3' ABOVE FLOOR	1RB346200
RC-V-14B	LOOP B HOT LEG VENT TO DRAIN TANK				RX OPERATING FLOOR NORTH END OF "B" SG D-RING 4' ABOVE FLOOR	1RB346200
RC-V-15A	LOOP A HOT LEG VENT ISOL VALVE				RB 363 EL, CENTER OF "A" D-RING OPERATOR SUPPORTED ON 3 PEDESTAL	1RB365300A
RC-V-15B	LOOP B HOT LEG VENT ISOL VALVE				RB 363 EL, CENTER OF "B" D-RING OPERATOR SUPPORTED ON 3 PEDESTAL	1RB365300B
RC-V-16A	LOOP A HOT LEG NITROGEN VENT ISOL VLV				RX OPERATING FLOOR NORTH END OF "A" SG D-RING 5 1/2 ABOVE FLOOR	1RB346200

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-16B	LOOP B HOT LEG NITROGEN VENT ISOL VLV				RX OPERATING FLOOR NORTH END OF "B" SG D -RING 4 1/2 ABOVE FLOOR	1RB346200
RC-V-17	PZR VENT VLV				RX OPERATING FLOOR NORTH END OF "A" SG D -RING ABOUT 5 ABOVE FLR	1RB346200
RC-V-18	PZR VENT TO RC DRAIN TANK ISOL VALVE				RX OPERATING FLOOR NORTH END OF "A" SG D -RING 3' ABOVE FLOOR	1RB346200
RC-V-19	PRESSURIZER VENT LINE NITROGEN ISOL				RX OPERATING FLOOR NORTH END OF "A" SG D -RING ABOUT 6 ABOVE FLR	1RB346200
RC-V-1-BK	1A ES MCC UNIT 9B				CB 322' IN 1P SWGR ROOM	1CB322200
RC-V-2	PORV (RC-RV-2) ISOLATION VALVE				RB "A" D-RING, WEST SIDE OF TOP OF PZR	1RBDR 510
RC-V-2	PORV ISOLATION VALVE OPERATOR				WEST SIDE OF TOP PZR	1RBDR 510
RC-V-20	PZR DRAIN VLV TO RC DRAIN HEADER				RX BLDG BASEMENT INSIDE D-RING DOOR 1ST VALVE ON LEFT	1RBDR 500
RC-V-21	PZR DRAIN VLV TO RC DRAIN HEADER				RX BLDG BASEMENT INSIDE D-RING DOOR 1ST VALVE ON LEFT	1RBDR 500
RC-V-23	DH SPRAY LINE CHECK VALVE				RB OPERATING FLR ALONG A D-RING WALL BY TOOL STAND, 2FT OFF FLR	1RB346200
RC-V-24	PZR SPRAY BYPASS FLOW CONTROL VALVE				SM T HANDLE TYPE VLV JUST UNDER RC-V-35,NW CORNER TOP OF PZR	1RBDR 515
RC-V-25	RX VESSEL CLOSURE HEAD O-RING INNERSPACE TEST CONN				RX BLDG BASEMENT INSIDE D-RING ON SOUTH SIDE OF RX PRI SHIELD	1RBDR 500
RC-V-26	RX VESSEL CLOSURE HEAD O-RING INNER SPACE TEST CONN				RX BLDG BASEMENT INSIDE D-RING ON NORTH SIDE OF RX PRI SHIELD	1RBDR 500
RC-V-28	PZR VENT TO RCDT ISOLATION VALVE				RX OPERATING FLOOR NORTHSIDE OF "A" D-RING 4 1/2' ABOVE FLOOR	1RB346200
RC-V-28-BK	1B ES MCC UNIT 10C				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
RC-V-2-BK	1C ES VALVES MCC UNIT 5C				AB 281' NEUTRALIZING TANK AREA	1FB281015
RC-V-3	PRESSURIZER SPRAY LINE ISOL VALVE				RB TOP OF PZR AT NW CORNER	1RBDR 510
RC-V-3	PRESSURZR SPRAY LINE ISOL VALVE OPERATOR				TOP OF PRESSURIZER AT NW CORNER EL 355.0	1RBDR 510
RC-V-31	PRESSURIZER SPRAY LINE ROOT VALVE				W SIDE TOP OF PZR @KNEE LVL NEXT TO LADDER DESCENDING FRM PLTFRM	1RBDR 510
RC-V-3-BK	1B ES MCC UNIT 10B				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
RC-V-4	DECAY HEAT PZR SPRAY ISOLATION VALVE				RX OP FL N END OF "A" SG D-RING 3' ABOVE FLOOR ON WALL	1RB346200
RC-V-4	DH PZR SPRAY LINE ISOL VALVE OPERATOR				NORTH END OF "A" SG D-RING EL 311.6	1RB346200
RC-V-40A	A HOT LEG VENT TO RCDT AND ATMOSPHERE				RB TOP OF A D-RING NORTH 362' AT 135 DEG REES	1RB365300A
RC-V-40A-BK1	1E ES DC SW#13 (RC-V-40A/41A)				322 CB IN A DC SWGR ROOM	1CB322200
RC-V-40B	B HOT LEG VENT TO RCDT AND ATMOSPHERE				RB TOP OF THE "B" D-RING NORTH 362' ELEV. AT 225 DEGREES	1RB365300B
RC-V-40B-BK1	1F ES DC SW# 14:(RC-V-40B,41B,42,43,44*)				322 CB IN B DC SWGR RM (NOTE* WDG-V-1 34/135 ALSO PWRD FROM BKR)	1CB322200

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-41A	A HOT LEG VENT TO RCDT AND ATMOSPHERE				RB TOP OF THE "A" D-RING NORTH 362' ELEV. AT 135 DEGREES	1RB365300A
RC-V-41B	B HOT LEG VENT TO RCDT AND ATMOSPHERE				RB TOP OF THE "B" D-RING NORTH 362' ELEV. AT 225 DEGREES	1RB365300B
RC-V-42	RX VESSEL HEAD VENT TO RB ATMOSPHERE				RX BLDG NORTHEAST CORNER PLATFORM 345' E LEV. PAST THE RAILING	1RB346205
RC-V-43	RX VESSEL HEAD VENT TO RB ATMOSPHERE				RX BLDG NORTHEAST CORNER PLATFORM 345' E LEV. PAST THE RAILING	1RB346205
RC-V-44	PZR VENT ISOLATION VALVE				RB OPERATING FLOOR NORTH END OF "A" D-RING 4' ABOVE THE FLOOR	1RB346200
RC-V-46A	LOOP A HOT LEG VENT TO RC DRAIN TANK				RB BELOW "A" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 515
RC-V-46B	LOOP B HOT LEG VENT TO RC DRAIN TANK				RB BELOW "B" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 520
RC-V-49	PZR VENT LINE TEST CONN ISOLATION				RX OPERATING FLOOR NORTH END OF "A" D-RING 3 1/2' ABOVE FLOOR	1RB346200
RC-V-4-BK	1C ES VALVES MCC UNIT 5B				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
RC-V-50	PZR VENT LINE TEST CONN ISOLATION				RX OPERATING FLOOR NORTH END OF "A" D-RING 3 1/2' ABOVE FLOOR	1RB346200
RC-V-51A	"A" HOT LEG VENT LINE TEST CONN ISOL				RB BELOW "A" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 515
RC-V-51B	"B" HOT LEG VENT LINE TEST CONN ISOL				RB BELOW "B" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 520
RC-V-52A	"A" HOT LEG VENT LINE TEST CONN ISOL				RB BELOW "A" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 515
RC-V-52B	"B" HOT LEG VENT LINE TEST CONN ISOL				RB BELOW "B" D-RING HOT LEG GRATING 3RD FLOOR	1RBDR 520
RC-V-55	RX VESSEL HEAD VENT ROOT VALVE				RB AT THE RX VESSEL 2' ABOVE THE STUDS	1RB346215
RC-V-56	RX VESSEL HEAD VENT ROOT VALVE				RB AT THE RX VESSEL 2' ABOVE THE STUDS	1RB346215
RC-V-57	RX VESSEL HEAD VENT TEST CONN ISOL VLV				RB ON RX VESSEL HEAD PLATFORM EAST SIDE	1RB346205
RC-V-58	RX VESSEL HEAD VENT TEST CONN ISOL VLV				RB ON THE RX VESSEL HEAD PLATFORM EAST SIDE	1RB346205
RC-V-61	RC-LT-1035 & RC-LT-1036 HI SIDE ROOT VLV				RB AT THE REACTOR VESSEL 2' ABOVE THE STUDS	1RB346215
RC-V-62	RC-LT-1035 & RC-LT-1036 HI SIDE ISOL VLV				RB AT THE REACTOR VESSEL 2' ABOVE THE STUDS	1RB346215
RC-V-6A	RC-P-1A SUCTION LINE DRAIN VALVE				10 S OF ELEV PLATFORM OUTSIDE D-RING WALL 4FT ABOVE FLR	1RB279000
RC-V-6B	RC-P-1B SUCTION LINE DRAIN VALVE				RX BLDG BASEMENT SE CORNER AT STEPS OUTSIDE D-RING 4 ABOVE FLR	1RB279000
RC-V-6C	RC-P-1C SUCTION LINE DRAIN VALVE				B D-RING W WALL 4 ABOVE FLR S OF BOTTOM OF STAIRWAY	1RB279000

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RC-V-6D	RC-P-1D SUCTION LINE DRAIN VALVE				RX BLDG BASEMENT "B" D-RING WALL 15 NOR TH OF SUMP 4 ABOVE FLOOR	1RBDR 500
RC-V-7A	RC-P-1A SUCTION LINE DRAIN VALVE				10 S OF ELEV PLATFORM OUTSIDE D- RING WALL 4 ABOVE FLR	1RB279000
RC-V-7B	RC-P-1B SUCTION LINE DRAIN VALVE				RX BASEMENT SOUTHEAST CORNER AT STEPS OUTSIDE D-RING 4 ABOVE FLR	1RB279000
RC-V-7C	RC-P-1C SUCTION LINE DRAIN VALVE				B D-RING W WALL 4 ABOVE FLR S OF BOTTOM OF STAIRWAY	1RB279000
RC-V-7D	RC-P-1D SUCTION LINE DRAIN VALVE				RX BLDG BASEMENT "B" D-RING WALL 15 NORTH OF SUMP 4 ABOVE FLOOR	1RBDR 500
REG TRANSFORMER 1A	120V REGULATED AC BUS TRA TRANSFORMER	CB	322	SWGR AREA BELOW PATIO E WALL		
REG TRANSFORMER 1B	120V REGULATED AC BUS TRB TRANSFORMER	CB	322	SWGR AREA BELOW PATIO E WALL		
RM-A	(UNIT 2) RM-L-1HI/2/9/ G1/5/10/23/24				'A' INVERTER ROOM	
RM-A-14-BK1	UNIT 12AL ON 1C ESV MCC; PWR TO RM-A-14				FH BLDG; 281 FT ELEV; ON 1C ESV MCC; UNIT 12A	1FB281015
RM-A-1PMP-BK	1C ES VALVES MCC UNIT 9CL				AUX BLDG 281; NEUTRALIZING TANK AREA	1FB281015
RM-A-2PMP-BK	1B ES MCC UNIT 12EL : RM-A-2 PUMP				CONTROL TWR 322; 1S SWGR ROOM	1CB322200
RM-A-4PMP-BK	1A ES MCC UNIT 12AL : RM-A-4 PUMP				CONTROL TWR 322; 1P SWGR ROOM	1CB322200
RM-A-5MAP-BK	CT-5 SW# 33 : RM-A-5/15 MAP5 SAMPLER				CONTROL TWR 322; 1P SWGR ROOM ON 1A ES	1CB322200
RM-A-6PMP-BK	1A ES MCC UNIT 12BL : RM-A-6 PUMP				CONTROL TWR 322; 1P SWGR ROOM	1CB322200
RM-A-8MAP-BK	AB-E SW# 23 : RMA8 MAP5 SAMPLER				AUX BLDG 281; 1C ES VALVES UNIT 6A	1FB281015
RM-A-8PMP-BK	1B ES MCC UNIT 12C : RM-A-8 PUMP				CONTROL TWR 322; 1S SWGR ROOM	1CB322200
RM-A-9MAP-BK	AB-E SW# 24 : RMA9 MAP5 SAMPLER				AUX BLDG 281; 1C ES VALVES UNIT 6A	1FB281015
RM-A-9PMP-BK	1A ES MCC UNIT 12AR : RM-A-9 PUMP				CONTROL TWR 322; 1P SWGR ROOM	1CB322200
RM-B	(UNIT 2) RM-L-1LO/3/4/ G11/12/13/16/17*				'B' INVERTER ROOM	
RM-C	(UNIT 2) RM-A-2/4/8/15 G/L5/7/G2/6 & 14				A INVERTER RN.VBC 120VAC PNL	
RM-D	(UNIT 2) RM-A-1/A7G/L6 /10/G3/4/7**				'B' INVERTER ROOM	
RM-R-MISC-BK	AB-E SW# 15;RM-R-1,2,3,4,5,6B,10B,11A,15				AUX BLDG 281; 1C ES VALVES UNIT 6A	1FB281015
RM-VBD-BK	VBD SW# 2: RM-A-1,A7G,L6,10,G3,7,8,**				CONTROL TWR 322; B INVERTER ROOM	
RPS-1A/2A	REACTOR PROTECTION SYSTEM CABINET 1A	CB	355	CONTROL ROOM		
RPS-1B/2B	REACTOR PROTECTION SYSTEM CABINET 1B	CB	355	CONTROL ROOM		
RPS-1C/2C	REACTOR PROTECTION SYSTEM CABINET 1C	CB	355	CONTROL ROOM		
RPS-1D/2D	REACTOR PROTECTION SYSTEM CABINET 1D	CB	355	CONTROL ROOM		
RPS-2A	RPS CABINET 2A(RPS-A45) ATWS DVSTY				W SIDE CONTROL RM	
RPS-2B	RPS CABINET 2B(RPS-B44) ATWS DVSTY				W SIDE CONTROL RM	
RPS-2C	RPS CABINET 2C(RPS-C44) ATWS DVSTY				W SIDE CONTROL RM	
RPS-2D	RPS CABINET 2D(RPS-D43) ATWS DVSTY				W SIDE CONTROL RM	
RPS-ADC	SYSTEM DC (120 VAC BKR FROM SYSTEM AC)				CONTROL ROOM RPS CAB A1,A2 UNIT UNIT 17	1CB355401
RPS-AIVBA	VBA SW# 17 RPS CHANNEL A				'A' INVERTER RM: VBA 120 VAC PNL	
RPS-BVDC	SYSTEM DC (120 VAC BKR FROM SYSTEM AC)				CONTROL ROOM RPS CAB B1,B2 UNIT UNIT 19	1CB355401
RPS-BIVBB	VBB SW# 19 RPS CHANNEL B				'B' INVERTER RM: VBB 120 VAC PNL	
RPS-CVDC	SYSTEM DC (120 VAC BKR FROM SYSTEM AC)				CONTROL ROOM RPS CAB C1,C2 UNIT	1CB355401

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RPS-CVBC	VBC SW# 13 RPS CHANNEL C				'C' INVERTER RM: VBC 120 VAC PNL UNIT 13	
RPS-CAB-A	RPS CABINET A1,A2				CONTROL ROOM:	1CB355401
RPS-CAB-B	RPS CABINET B1,B2				CONTROL ROOM:	1CB355401
RPS-CAB-C	RPS CABINET C1,C2				CONTROL ROOM:	1CB355401
RPS-CAB-D	RPS CABINET D1,D2				CONTROL ROOM:	1CB355401
RPS-CABS*	RPS CABINETS ATWS DVSTY					
RPS-DDC	SYSTEM DC (120 VAC BKR FROM SYSTEM AC)				CONTROL ROOM RPS CAB D1,D2 UNIT	1CB355401
RPS-DIVBD	VBD SW# 19 RPS CHANNEL D				'B' INVERTER RM: VBD 120 VAC PNL UNIT 19	
RR-C-1A	RB EMERGENCY COOLING A COIL(RR SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RR-C-1B	RB EMERGENCY COOLING B COIL(RR SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RR-C-1C	RB EMERGENCY COOLING C COIL(RR SIDE)				NORTHEAST EL.292-0 BETWEEN COL C113&111	
RR-FT-23	RB EMER CLG COIL "A" OUTLET FLOW XMTR				INT BLDG 295', 4' BELOW RR-V-4C	1B295000
RR-FT-23-BK	VBC SW# 9: PWR TO RB EMERG CLG FLOW IND				CONTROL TWR 322: A INVERTER ROOM	1CB322200
RR-FT-24	RB EMER CLG COIL "B" OUTLET FLOW XMTR				INT BLDG 295', 4' BELOW RR-V-4C	1B295000
RR-FT-25	RB EMER CLG COIL "C" OUTLET FLOW XMTR				INT BLDG 295', 2' BELOW RR-V-4C	1B295000
RR-FT-25-BK	VOID: SEE RR-FT-23--BK1				VOID: SEE RR-FT-23--BK1	1CB322200
RR-P-0001A	RB EMERG. COOL RIVER WATER 'A' PUMP	IPH	308	PUMP ROOM 'A' N		
RR-P-0001B	RB EMERG COOL RIVER WTR 'B' PUMP	IPH	308	PUMP ROOM 'B' S		
RR-P-1A-BK	1D 4160V ES SWGR UNIT 10				SURGE SUPPRESSION NOT REQUIRED	1CB338300
RR-P-1B-BK	1E 4160V ES SWGR UNIT 11				SURGE SUPPRESSION NOT REQUIRED	1CB338300
RR-PC-7	RB EMER CLG COIL PRESSURE CONTROLLER				INT BLDG 295', 1' EAST OF RR-V-6	1B295000
RR-PT-224	RB EMER CLG COIL "A" OUTLET PRESS XMTR				INT BLDG 295' UNDER RR-V-4D	1B295000
RR-PT-225	RB EMER CLG COIL "B" OUTLET PRESS XMTR				INT BLDG 295' UNDER RR-V-4D	1B295000
RR-PT-226	RB EMER CLG COIL "C" OUTLET PRESS XMTR				INT BLDG 295' UNDER RR-V-4D	1B295000
RR-S-1A	RR-S-1A CONTROL PANEL				RIVER WATER PUMP ROOM 'A' NORTH CUBICLE	
RR-S-1A	REACTOR RIVER STRAINER 1A				ISPH NORTH CUBICLE	1RWPH 100
RR-S-1A	(UNIT 1C)RR WATER PUMP A DISCHG STRAINER				SE END RED 1A ESSH 480V MCC 1CL	
RR-S-1B	RR-S-1B CONTROL PANEL				RIVER WATER PUMP ROOM 'B' SOUTH CUBICLE	
RR-S-1B	REACTOR RIVER STRAINER 1B				ISPH SOUTH CUBICLE	1RWPH 100
RR-S-1B	(UNIT 1E)RR WATER PUMP B DISCHG STRAINER				NE SIDE GREEN 1B ESSH 480V MCC UNIT 1ER	
RR-V-0001A	RR-P-1A DISCHARGE VLV.	IPH	308	RR-P-1A DISCH L		
RR-V-0001B	RR-P-1B DISCHARGE VLV	IPH	308	RR-P-1B DISCH L		
RR-V-0003A	CONTAINMENT ISOL RBEC COIL 'A' INLET VLV.	IB	295	W OF STAIRWELL		
RR-V-0003B	CONT. ISOL RBEC COIL 'B' INLET VALVE	IB	295	W OF STAIRWELL		
RR-V-0003C	CONT ISOL RBEC COIL 'C' INLET VALVE	IB	295	W OF STAIRWELL		
RR-V-0004A	CONT ISOL RBEC COIL 1A OUTLET VALVE	IB	295	W OF STAIRWELL 8' UP		
RR-V-0004B	CONT ISOL RBEC COIL 1B OUTLET VALVE	IB	295	W OF STAIRWELL 8' UP		
RR-V-0004C	CONT ISOL RBEC COIL 1C OUTLET VALVE	IB	295	W OF STAIRWELL 8' UP		

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RR-V-0004D	CONT ISOL RBEC COIL 1D OUTLET VALVE	IB	295	W OF STAIRWELL 9' UP		
RR-V-0005	RR-V-6 RB COOL COIL DISCH BYPASS	IB	295	W OF STAIRWELL		
RR-V-0006	RB EMERG. COOL COIL BACK PRESSURE REGULATOR	IB	295	W OF STAIRWELL		
RR-V-0010A	RR-P-1A RECIRC MIN. FLOW BYPASS VLV	IPH	308	RR-P-1A DISCHAR		
RR-V-0010B	RR-P-1B RECIRC MIN. FLOW BYPASS VLV	IPH	308	RR-P-1B DISCHAR		
RR-V-0011A	AH-E-1A COOLING WATER RELIEF VALVE	IB	295	W STAIRWELL AREA AT FE-23		
RR-V-0011B	AH-E-1B COOLING WATER RELIEF VALVE	IB	295	W STAIRWELL AREA AT FE-24		
RR-V-0011C	AH-E-1C COOLING WATER RELIEF VALVE	IB	295	W STAIRWELL AREA AT FE-25		
RR-V-1000	DELETED INSTRUMENT ROOT VALVE				NEAR W STAIRWELL ON A LINE TO RB EMERG COOLERS 16 ABOVE FLR	11B295000
RR-V-1001	DELETED INSTRUMENT ROOT VALVE				NEAR W STAIRWELL ON A LINE TO RB EMERG COOLERS 15FT ABOVE FLR	11B295000
RR-V-1004	DELETED INSTRUMENT ROOT VALVE				IB 295 NEAR W STAIRWELL ON B LINE TO RB EMERG CLRS 16 ABOVE FLR	11B295000
RR-V-1005	DELETED INSTRUMENT ROOT VALVE				IB 295 NEAR W STAIRWELL ON B LINE TO RB EMERG CLRS 15 ABOVE FLR	11B295000
RR-V-1008	DELETED INSTRUMENT ROOT VALVE				IB 295 NEAR W STAIRWELL ON C LINE TO RB EMERG CLRS 16 ABOVE FLR	11B295000
RR-V-1009	DELETED INSTRUMENT ROOT VALVE				IB 295 NEAR W STAIRWELL ON C LINE TO RB EMERG CLRS 15 ABOVE FLR	11B295000
RR-V-1012	RR-FT-23 HIGH SIDE ROOT VALVE				@ W STAIRWELL ON A LINE FROM RB EMERG CLR 15FT ABOVE FLR	11B295000
RR-V-1013	RR-FT-23 LOW SIDE ROOT VALVE				@ W STAIRWELL ON A LINE FROM RB EMERG CLR 14 ABOVE FLR	11B295000
RR-V-1014	RR-FT-23 HIGH SIDE DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1015	RR-FT-23 LOW SIDE DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1016	RR-FT-24 HIGH SIDE ROOT VALVE				IB 281 AT W STAIRWELL ON B LINE FROM RB EMERG CLRS 15 ABOVE FLR	11B295000
RR-V-1017	RR-FT-24 LOW SIDE ROOT VALVE				IB 281 AT W STAIRWELL ON B LINE FROM RB EMERG CLRS 14 ABOVE FLR	11B295000
RR-V-1018	RR-FT-24 HIGH SIDE DRAIN				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1019	RR-FT-24 LOW SIDE DRAIN				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1020	RR-FT-25 HIGH SIDE ROOT VALVE				IB 281 AT W STAIRWELL ON C LINE FROM RB EMERG CLRS 15 ABOVE FLR	11B295000
RR-V-1021	RR-FT-25 LOW SIDE ROOT VALVE				IB 281 AT W STAIRWELL ON C LINE FROM RB EMERG CLRS 14 ABOVE FLR	11B295000
RR-V-1022	RR-FT-25 HIGH SIDE DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 5 ABOVE FLOOR	11B295000

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RR-V-1023	RR-FT-25 LOW SIDE DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1026	RR-PT-224 ROOT VALVE				BASEMENT W STAIRWELL ON A LINE FROM RB EMERG CLRS 16FT OFF FLR	11B295000
RR-V-1027	RR-PT-224 DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1028	RR-PT-225 ROOT VALVE				BASEMENT W STAIRWELL ON B LINE FROM RB EMERG CLRS 16FT OFF FLR	11B295000
RR-V-1029	RR-PT-225 DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1030	RR-PT-226 ROOT VALVE				BASEMENT W STAIRWELL ON C LINE FROM RB EMERG CLRS 16FT OFF FLR	11B295000
RR-V-1031	RR-PT-226 DRAIN VALVE				INT BLDG BASEMENT BESIDE DOOR TO RRV6 CO MPARTMENT 2 ABOVE FLOOR	11B295000
RR-V-1036	RR-P-1A VACUUM BREAKER VENT VALVE				RW PUMP HOUSE ON TOP OF VACUUM BREAKER F OR RR-P-1A	1RWPH 100
RR-V-1038	RR-P-1B VACUUM BREAKER VENT VALVE				RW PUMP HOUSE ON TOP OF VACUUM BREAKER F OR RR-P-1B	1RWPH 100
RR-V-1055	RR-S-1A GEARBOX OIL SIGHT GLASS ISOLATION VALVE				ISPH NORTH CUBICLE	1RWPH 100
RR-V-1056	RR-S-1A GEARBOX OIL SIGHT GLASS DRAIN PETCOCK				ISPH NORTH CUBICLE	1RWPH 100
RR-V-1057	RR-S-1B GEARBOX OIL SIGHT GLASS ISOLATION VALVE				ISPH SOUTH CUBICLE	1RWPH 100
RR-V-1058	RR-S-1B GEARBOX OIL SIGHT GLASS DRAIN PETCOCK				ISPH SOUTH CUBICLE	1RWPH 100
RR-V-10A	RR-P-1A RECIRC MIN FLOW BYPASS VALVE SOLENOID				RR-P-1A DISCHARGE LINE NEXT TO RR-V-1B	
RR-V-10A	RR-P-1A RECIRC VALVE				RIVER WATER PUMP HOUSE NEXT TO RR-V-1A	1RWPH 100
RR-V-10A1	RR-P-1A RECIRC MIN FLOW BYPASS VALVE ACTUATOR				RR-P-1A DISCHARGE LINE NEXT TO RR-V-1A	
RR-V-10B	RR-P-1B RECIRC MIN FLOW BYPASS VALVE SOLENOID				RR-P-1B DISCHARGE LINE NEXT TO RR-V-1B	
RR-V-10B	RR-P-1B RECIRC VALVE				RIVER WATER PUMP HOUSE NEXT TO RR-V-1B	1RWPH 100
RR-V-10B1	RR-P-1B RECIRC MIN FLOW BYPASS VALVE ACTUATOR				RR-P-1B DISCHARGE LINE NEXT TO RR-V-1B	
RR-V-11A	CONTAINMENT ISOL - RB EMER CLG COIL "A" RELIEF VALVE				ON COOLER OUTLET PIPE: UPSTREAM OF RR-V-9A: 7FT ABOVE FL	11B295000
RR-V-11B	CONTAINMENT ISOL - RB EMER CLG COIL "B" RELIEF VALVE				ON COOLER OUTLET PIPE: UPSTREAM OF RR-V-9B: 7FT ABOVE FL	11B295000
RR-V-11C	CONTAINMENT ISOL - RB EMER CLG COIL "C" RELIEF VALVE				ON COOLER OUTLET PIPE: UPSTREAM OF RR-V-9C: 7FT ABOVE FL	11B295000
RR-V-12A	RR-P-1A VACUUM BREAKER				RW PUMP HOUSE ON RR-P-1A DISCHARGE NEXT TO CHECK VALVE	1RWPH 100

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RR-V-12B	RR-P-1B VACUUM BREAKER				RW PUMP HOUSE ON RR-P-1B DISCHARGE NEXT TO CHECK VALVE	1RWPH 100
RR-V-13	EMER CLG COIL INLET LINE VENT VALVE				INT BLDG BASEMENT WEST STAIRWELL ABOVE R R-V-3C 20' ABOVE FLOOR	1B295000
RR-V-14A	EMER CLG COIL "A" INLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-14B	EMER CLG COIL "B" INLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-14C	EMER CLG COIL "C" INLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-15A	EMER CLG COIL "A" OUTLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-15B	EMER CLG COIL "B" OUTLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-15C	EMER CLG COIL "C" OUTLET DRAIN				INT BLDG BASEMENT BY WEST STAIRWELL 6" ABOVE FLOOR	1B295000
RR-V-16	EMER CLG COIL OUTLET LINE VENT VALVE				INT BLDG BASEMENT ABOVE RR-V-4B 15' ABOVE FLOOR	1B295000
RR-V-1A	RR-P-1A DISCHARGE VALVE				RW PUMP HOUSE 10FT FROM NORTH WALL ON PUMP DISCHARGE	1RWPH 100
RR-V-1A	RR-P-1A DISCHARGE VALVE OPERATOR				RR-P-1A DISCHARGE LINE	
RR-V-1A-BK	1A ES SCREEN HOUSE MCC UNIT 12C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
RR-V-1B	RR-P-1B DISCHARGE VALVE				RW PUMP HOUSE 15FT FROM DIVIDING WALL ON PUMP DISCHARGE	1RWPH 100
RR-V-1B	RR-P-1B DISCHARGE VALVE OPERATOR				RR-P-1B DISCHARGE	
RR-V-1B-BK	1B ES SCREEN HOUSE MCC UNIT 1C				SCREEN HOUSE: NORTH AREA	1RWPH 100
RR-V-23A	RB EMER CLG COIL "A" INLET VENT VALVE				REACTOR BLDG NW QUADRANT BY PENETRATION (1ST FLOOR)	1RB308100
RR-V-23B	RB EMER CLG COIL "B" INLET VENT VALVE				REACTOR BLDG NW QUADRANT BY PENETRATION (1ST FLOOR)	1RB308100
RR-V-23C	RB EMER CLG COIL "C" INLET VENT VALVE				REACTOR BLDG NW QUADRANT BY PENETRATION (1ST FLOOR)	1RB308100
RR-V-24A	RB EMER CLG COIL "A" INLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-24B	RB EMER CLG COIL "B" INLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-24C	RB EMER CLG COIL "C" INLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-25A	RB EMER "A" COOLER OUTLET VENT VALVE				RB 1ST FLOOR NW QUADRANT BY PENETRATION	1RB308100
RR-V-25B	RB EMER "B" COOLER OUTLET VENT VALVE				RB 1ST FLOOR NW QUADRANT BY PENETRATION	1RB308100
RR-V-25C	RB EMER "C" COOLER OUTLET VENT VALVE				RB 1ST FLOOR NW QUADRANT BY PENETRATION	1RB308100
RR-V-26A	RB EMER "A" COOLER OUTLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-26B	RB EMER "B" COOLER OUTLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-26C	RB EMER "C" COOLER OUTLET DRAIN VALVE				RB BASEMENT UNDER RR COOLERS	1RB279000
RR-V-27A	RR-P-1A DISCHARGE LINE DRAIN VALVE				RIVER WATER SCREEN HOUSE UNDER FLOOR	1RWPH 100
RR-V-27B	RR-P-1B DISCHARGE LINE DRAIN VALVE				RIVER WATER SCREEN HOUSE UNDER FLOOR	1RWPH 100

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RR-V-2A	RR-P-1A TEST BYPASS VALVE				RW PUMP HOUSE ON PUMP DISCHARGE NEXT TO RR-V-1A	1RWPH 100
RR-V-2B	RR-P-1B TEST BYPASS VALVE				RW PUMP HOUSE ON PUMP DISCHARGE NEXT TO RR-V-1B	1RWPH 100
RR-V-32A	RR-S-1A AUTO VENT ISOLATION VALVE				RW PUMP HOUSE ON TOP OF RR-S-1A	1RWPH 100
RR-V-32B	RR-S-1B AUTO VENT ISOLATION VALVE				RW PUMP HOUSE ON TOP OF RR-S-1B	1RWPH 100
RR-V-33A	RR-S-1A BLOWDOWN VALVE				RW PUMP HOUSE SOUTH OF RR-S-1A 1FT OFF FLOOR	1RWPH 100
RR-V-33A	RR-S-1A BACKWASH VALVE OPERATOR				SOUTH OF STRAINER RR-S-1A	
RR-V-33B	RR-S-1B BLOWDOWN VALVE				RW PUMP HOUSE SOUTH OF RR-S-1B 1FT OFF FLOOR	1RWPH 100
RR-V-33B	RR-S-1B BACKWASH VALVE OPERATOR				SOUTH OF STRAINER RR-S-1B	
RR-V-3A	RB EMER CLG COIL INLET VLV FOR AH-E-1A				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-3A	CONTAINMENT ISOLATION RBEC COIL A INLET VLV OP				WEST STAIR WELL AREA PEN. 410	
RR-V-3A-BK	1A ES MCC UNIT 14D				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
RR-V-3B	RB EMER CLG COIL INLET VLV FOR AH-E-1B				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-3B	CONTAINMENT ISOLATION RBEC COIL B INLET VLV OP				WEST STAIRWELL AREA PEN. 411	
RR-V-3B-BK	1B ES MCC UNIT 14C				CONTROL TWR 322:IN 1S 480V BUS ROOM	1CB322200
RR-V-3C	RB EMER CLG COIL INLET VLV FOR AH-E-1C				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-3C	CONTAINMENT ISOLATION RBEC COIL C INLET VLV OP				WEST STAIRWELL AREA PEN. 412	
RR-V-3C-BK	1C ES VALVES MCC UNIT 13C				FH BLDG 281:IN NEUT TANK AREA	1FB281015
RR-V-40A	RR-S-1A AUTO VENT VALVE				SCREEN HOUSE ON RR-S-1A	1RWPH 100
RR-V-40B	RR-S-1B AUTO VENT VALVE				SCREEN HOUSE ON RR-S-1B	1RWPH 100
RR-V-4A	RB EMER CLG COIL OUTLET FOR AH-E-1A				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-4A	CONTAINMENT ISOLATION RBEC 1A CLR OUTLET VLV OP				WEST STAIRWELL AREA PENETRATION 407	
RR-V-4A-BK	1A ES MCC UNIT 14E				CONTROL TWR 322:IN 1P 480V BUS ROOM	1CB322200
RR-V-4B	RB EMER CLG COIL OUTLET FOR AH-E-1B				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-4B	CONTAINMENT ISOLATION RBEC 1B CLR OUTLET VLV OP				WEST STAIRWELL AREA PEN. 408	
RR-V-4B-BK	1B ES MCC UNIT 14A				CONTROL TWR 322:IN 1S 480V BUS ROOM	1CB322200
RR-V-4C	RB EMER CLG COOL OUTLET FOR AH-E-1C				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-4C	CONTAINMENT ISOLATION RBEC 1C CLR OUTLET VLV OP				WEST STAIRWELL AREA PENETRATION 409	
RR-V-4C-BK	1A ES MCC UNIT 2C				CONTROL TWR 322:IN 1P 480V BUS ROOM	1CB322200
RR-V-4D	RB EMER CLG COIL OUTLET FOR AH-E-1C				INT BLDG BASEMENT ALONG WEST STAIRWELL 8' ABOVE FLOOR	11B295000
RR-V-4D	CONTAINMENT ISOLATION RBEC 1C CLR OUTLET VLV OP				WEST STAIRWELL AREA PENETRATION 408	

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
RR-V-4D-BK	1B ES MCC UNIT 14B				CONTROL TWR 322:1N 1S 480V BUS ROOM	1CB322200
RR-V-5	RR-V-6 REGULATOR BYPASS VALVE OPERATOR				WEST STAIRWELL AREA	
RR-V-5	RR-V-6 BYPASS VALVE				INT BLDG BASEMENT 3 INSIDE DOORWAY @ WE ST STAIRWELL 4 ABOVE FLR	1B295000
RR-V-5-BK	1C ES VALVES MCC UNIT 11A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
RR-V-6	RB EMERG COOL COIL BACK PRESSURE ACTUATOR				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	
RR-V-6	EMER CLG COIL BACKPRESSURE REGULATOR VLV				INT BLDG BASEMENT 2' WEST OF RR-V-5 1 1/2' ABOVE FLOOR	1B295000
RR-V-6	RB EMERG COOL COIL BACKPR VALVE POSITIONER				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	
RR-V-6/2	RR-V-6 ACTUATOR CYLINDER BYPASS VALVE				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	
RR-V-6/1	RB EMERG COOL COIL BACK PRESSURE HANDWHEEL ACTUAT				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	
RR-V-6/1	RR-V-6 TRIP VALVE				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	1B295000
RR-V-6-LEVER	RR-V-6 COUPLING LEVER FOR ACTUATOR MANUAL OPERATION				W STAIRWELL AREA 2' W OF RR-V-5 1.5'UP	
RR-V-7A	RR-P-1A DISCHARGE CHECK VALVE				CHECK VALVE ISPH AT RR-P-1A	1B295000
RR-V-7B	RR-P-1B DISCHARGE CHECK VALVE				CHECK VALVE ISPH AT RR-P-1B	1RWPH 100
RR-V-8A	RB EMER CLG COILS INLET CHECK VALVE				CHECK VALVE INT BLDG BASEMENT	1B295000
RR-V-8B	RB EMER CLG COILS INLET CHECK VALVE				CHECK VALVE INT BLDG BASEMENT	1B295000
RR-V-9A	"A" EMER CLG COIL OUTLET CHECK VALVE				CHECK VALVE INT BLDG BASEMENT AT RR-V-4A	1B295000
RR-V-9B	"B" EMER CLG COIL OUTLET CHECK VALVE				CHECK VALVE INT BLDG BASEMENT AT RR-V-4B	1B295000
RR-V-9C	"C" EMER CLG COIL OUTLET CHECK VALVE				CHECK VALVE INT BLDG BASEMENT AT RR-V-4C	1B295000
RSTSP-A-BK2	VOID SEE I&C-SCC-A-1/2-BK1				CONTROL TWR 322: A INVERTER ROOM:VBA 120 VAC PANEL UNIT 20	1CB322200
RSTSP-A-BK3	1E ES DC SW #15 : RSTSP A				CONTROL TWR 322: A INVERTER ROOM:1E ES DC DIST PNL UNIT 15	1CB322200
RSTSP-B/C	VBC SW# 19 RSTSP 'B' & 'C'				'A' INVERTER RM: VBC 120 VAC PNL UNIT 19	
RSTSP-B-BK2	1B ES MCC UNIT 15B :RSTSP B				CONTROL TWR 322: 1S SWGR ROOM:1B ES MCC UNIT 15B	1CB322200
RSTSP-B-BK3	1M DC SW# 5 : RSTSP B				CONTROL TWR 322: REMOTE SHUTDOWN AREA:1M ES DC DIST PNL UNIT 5	1CB322200
SA-V-2	CONTAINMENT ISOL - SERVICE AIR ISOL TO REACTOR BLDG				TURBINE BLDG 1ST FL, WEST OF CO-P-2A, AT PENET#104	1TB305100
SA-V-239	SA-V-6/20 LLRT TEST CONN VALVE				@ SA-V-2	
SA-V-240	IA FIELD ISOLATION VALVE (CAPPED)					
SA-V-3	CONTAINMENT ISOL - SERVICE AIR ISOL TO REACTOR BLDG				REACTOR BLDG 1ST FL, NORTH OF PERSONNEL HATCH	1RB308100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SA-V-34	SERVICE AIR LEAK RATE TEST ISOL VALVE				TURBINE BLDG 1ST FL, WEST OF CO-P-2A AT PENET#104	1TB305100
SA-V-5	(UNIT 7)SA BACKUP TO PP SYSTEM VALVE (SA-V-5 ABANDONED IN PLACE)				EG-Y-1B FRNT RM ON LOC CNTRL PNL (LEAVE BREAKER OPEN)	1DG305100
SB-1,2EMERG	EMERG LIGHT TO SB-1, SB-2 FEEDER BREAKER				1B-480V-ES UNIT 8AL	
SCC-A1	SIGNAL CONDITIONING A1 CABINET				EAST WALL BEHIND ESAS ACTUATION PNL	
SCC-A2	SIGNAL CONDITIONING A2 CABINET				EAST WALL BEHIND ESAS ACTUATION PNL	
SCC-A3	SIGNAL CONDITIONING A3 CABINET				WEST WALL BEHIND ENG SFGR RELAY CABS	
SCC-B1	SIGNAL CONDITIONING B1 CABINET				EAST WALL BEHIND LOOSE PARTS MONITOR PNL	
SCC-B2	SIGNAL CONDITIONING B2 CABINET				EAST WALL BEHIND LOOSE PARTS MONITOR PNL	
SCC-B3	SIGNAL CONDITIONING B3 CABINET				EAST WALL BEHIND TECH SUPPORT CENTER	
SD-P-3A-BK	1A ES MCC UNIT 4C				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
SD-P-3B-BK	1B ES MCC UNIT 4A				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
SD-P-4A-BK	1A ES MCC UNIT 4D				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
SD-P-4B-BK	1B ES MCC UNIT 4B				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
SF9DPT1	SPENT FUEL POOL B FLOW TRANSMITTER	FHB	281	SW OF NEUT TANKS S WALL 5' UP		
SF9DPT2	SPENT FUEL POOL B FLOW TRANSMITTER	FHB	281	SW OF NEUT TANKS S WALL 5' UP		
SF-C-1A	A SPENT FUEL COOLER				305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-C-1B	B SPENT FUEL COOLER				305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-P-1A	"A" SPENT FUEL COOLING PUMP				305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-P-1A-BK	1A ES MCC UNIT 13E				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
SF-P-1B	"B" SPENT FUEL COOLING PUMP				305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-P-1B-BK	1B ES MCC UNIT 6A				CONTROL TWR 322: 1S SWGR ROOM	1CB322200
SF-RV-1	VALVE, RELIEF, 1" 150# RF FLG INLET X 1" 150# RF FLG OUTLET,				0.096 SQ IN ORIFICE, 110 PSIG SETPOINT, ASME SECTION VIII.	1FB281010
SF-T-2A	SPENT FUEL A POOL				SPENT FUEL A POOL	1FB348300
SF-T-2B	SPENT FUEL B POOL					1FB348300
SF-T-3	SPENT FUEL CASK PIT				FH BLDG SPENT FUEL POOL AREA	1FB348300
SF-TE-798	A SPENT FUEL POOL TEMP ELEMENT				W WALL A SF POOL 2 BELOW FL LVL 18IN N OF A & B DIVIDING WALL	1FB348300
SF-TE-799	B SPENT FUEL POOL TEMP ELEMENT				W WALL OF B SFP 2 BELOW FL LVL 18IN S OF A & B DIVIDING WALL	1FB348300
SF-TI-0535	SPENT FUEL COOLER A OUTLET (LOCAL) TEMP INDICATOR	FHB	305	S. END OF SF-C-1A		
SF-TI-0536	SPENT FUEL COOLER B OUTLET (LOCAL) TEMP INDICATOR	FHB	305	S. END OF SF-C-1B		
SF-V-0001	SF-P-1A SUCTION FROM SPENT FUEL POOL 'B'	FHB	305	SF PUMP ROOM W		
SF-V-0002	SF-P-1A SUCTION FROM SPENT FUEL POOL 'A'	FHB	305	SF COOL PUMP RM		
SF-V-0004	SF-P-1A SUCTION FROM SPENT FUEL POOL 'A'	FHB	305	SF COOL PUMP RM		
SF-V-0005	SF-P-1B SUCTION FROM SPENT FUEL POOL 'B'	FHB	305	COLS. 8C-9A/J S		
SF-V-0011	SF-C-1A DISCHARGE VLV TO FUEL POOL 'B'	FHB	305	SF COOL PUMP RM		
SF-V-0012	SF-C-1A DISCHARGE VLV TO FUEL POOL 'A'	FHB	305	SF COOL PUMP RM		
SF-V-0013	SF-C-0001A DISCHARGE VLV TO FUEL TRANSFER	FHB	305	SF COOL PUMP RM		
SF-V-0014	SF-C-1B DISCHARGE VLV TO FUEL POOL 'B'	FHB	305	SF COOL PUMP RM		
SF-V-0015	SF-P-1B DISCHARGE VLV TO FUEL POOL 'A'	FHB	305	SF COOL PUMP RM		

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SF-V-0016	SF-C-1B DISCHARGE VLV TO FUEL TRANSFER	FHB	305	SF COOL PUMP RM		
SF-V-1	SF-P1A SUCT ISOL VLV FROM B SF POOL				SPENT FUEL COOLING PUMP ROOM ON WEST WALL BETWEEN A&B PUMPS	1FB305115
SF-V-111	SF-P-1A SUCTION FROM SPENT FUEL POOL 'B' ACTTR				SF PUMP ROOM WEST WALL BETWEEN PUMPS	
SF-V-10	SF-P-1B DISCH ISOL VALVE				SF COOLING PUMP ROOM DISCHARGE OF B PUMP	1FB305115
SF-V-1000	SF2-FE HI SIDE ISOL VLV				AUX BLDG BASEMENT N OF ELEV WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1001	SF2-FE LO SIDE ISOL VLV				AUX BLDG BASEMENT N OF ELEV WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1002	SF4-PI-1 ROOT VALVE				SF COOLING PUMP ROOM ON DISCHARGE OF SF-P-1A	1FB305115
SF-V-1003	SF4-PI-2 ROOT VALVE				SF COOLING PUMP ROOM ON DISCHARGE OF SF-P-1B	1FB305115
SF-V-1004	SF5-PI ROOT VALVE				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1005	SF9-FE-1 ROOT VALVE				FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1006	SF9-FE-1 ROOT VALVE				FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1007	SF9-FE-2 ROOT VALVE				FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1008	SF9-FE-2 ROOT VALVE				FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1009	SF2-DPT HI SIDE ISOL VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1010	SF2-DPT LO SIDE ISOL VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1011	SF2-DPT EQUALIZING VALVE				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1012	SF9-DPT-2 HI SIDE ISOL VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1013	SF9-DPT-2 LO SIDE ISOL VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1014	SF9-DPT-2 EQUALIZING VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1015	SF9-DPT-1 HI SIDE ISOL VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1016	SF9-DPT-1 LO SIDE ISOL VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1017	SF9-DPT-1 EQUALIZING VALVE				FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SF-V-1018	SF2-DPT LO SIDE VENT VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1019	SF2-DPT HI SIDE VENT VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1020	SF2-FI-1 HI SIDE ISOL VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1021	SF2-FI-1 LO SIDE ISOL VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1022	SF2-FI-1 EQUALIZING VLV				AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1033	LOW SIDE VENT VALVE SF2-FI-1				281' AUX BLDG BY SF-P-2	1FB281010
SF-V-1034	HIGH SIDE VENT VALVE SF2-FI-1				281' AUX BLDG BY SF-P-2	1FB281010
SF-V-11	SF-P1A DISCH ISOL VLV TO B SF POOL				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-111	SF-C-1A DISCHARGE TO FUEL POOL B ACTUATOR				SF COOL PUMP ROOM ABOVE 'B' COOLER	
SF-V-12	SF-P1A DISCH ISOL VLV TO A SF POOL				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-121	SF-C-1A DISCHARGE TO FUEL POOL A ACTUATOR				SF COOL PUMP ROOM ABOVE 'B' COOLER	
SF-V-13	SF-P1A DISCH ISOL VALVE TO FTC				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-131	SF-C-1A DISCHARGE TO FUEL TRANSFER ACTUATOR				SF COOL PUMP ROOM ABOVE B COOLER	
SF-V-14	SF-P1B DISCH ISOL VLV TO B SF POOL				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-141	SF-C-1B DISCHARGE TO FUEL POOL B ACTUATOR				SF COOL PUMP 'B' ROOM ABOVE 'B' COOLER	
SF-V-15	SF-P1B DISCH ISOL VLV TO A SF POOL				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-16	SF-P1B DISCH ISOL VALVE TO FTC				SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-161	SF-C-1B DISCHARGE TO FUEL TRANSFER ACTUATOR				SF COOL PUMP ROOM B ABOVE B COOLER	
SF-V-19	SF-DHR X-CONN ISOL VALVE				AB 281 N FROM ELEV ON WEST WALL N OF RM-L-1 & SEAL RETURN COOLER	1FB281010
SF-V-2	SF-P1A SUCT ISOL VLV FROM B SF POOL				SPENT FUEL COOLING PUMP ROOM ON WEST WAL L BETWEEN A&B PUMPS	1FB305115
SF-V-21	SF-P-1A SUCTION FROM SPENT FUEL POOL A ACTUATR				SF COOL PUMP ROOM W WALL BETWEEN PUMPS	
SF-V-22	CONTAINMENT ISOL - FUEL XFER CANAL FILL/DRAIN ISO VLV				AB 281 ON MEZZANINE OUTSIDE MU VLV ALLEY 12' FROM W. END MEZZ.	1AB294054

Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SF-V-23	CONTAINMENT ISOL - FUEL XFER CANAL FILL/DRAIN ISO VLV				AB 281 ON MEZZANINE OUTSIDE MU VLV ALLEY 12' FROM W. END MEZZ.	1AB294054
SF-V-24	FUEL TRANSFER CANAL FILL & DRAIN ISOL VLV				RB BASEMENT AT RB SUMP 15 HIGH CHAIN VALVE ABOVE SF-V-31 & 32	1RB273010
SF-V-26	A SF POOL OUTLET TO SF-P-1A/B				SF POOL 3RD FLOOR AT NORTH END WEST OF POOL	1FB348300
SF-V-27	A SF POOL DRAIN LINE ISOL VALVE				FOOT VALVE & STRAINER IN A SF POOL	1FB348300
SF-V-28	B SF POOL OUTLET TO SF-P1A/B				AUX BLDG 2ND FLOOR NE OF ELEVATOR	1AB331200
SF-V-3	SF-P1A SUCT ISOL VLV FROM FTC				SPENT FUEL COOLING PUMP ROOM ON WEST WALL BETWEEN A&B PUMPS	1FB305115
SF-V-31	FTC DRAIN ISOL VALVE TO RB SUMP				RX BLDG BASEMENT SW CORNER OF RB SUMP 5' ABOVE GRATING	1RB273010
SF-V-32	FTC DRAIN ISOL VALVE TO SF PUMPS				RX BLDG BASEMENT SW CORNER OF RB SUMP 5' ABOVE FLOOR	1RB273010
SF-V-33	SF-P2 SUCT ISOL VLV FROM A SF POOL				SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-34	SF-P2 SUCT ISOL VLV FROM B SF POOL				AUX BLDG 2ND FLOOR NE OF ELEVATOR	1AB331200
SF-V-35	SF-P2 SUCT VLV FROM SPENT FUEL CASK PIT				AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010
SF-V-36	SF-P2 SUCT VLV FROM BWST TANK				AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010
SF-V-37	SF-P2 SUCT VLV FROM FUEL POOL A & B				AUX BLDG 281 N OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010
SF-V-38	A SF POOL DRAIN ISOL VALVE				SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-39	SF-P2 DISCH CHECK VALVE				281' AUX BLDG NORTH OF ELEVATOR ON WEST WALL ON DISCH OF SF-P-2	1FB281010
SF-V-4	SF-P1B SUCT ISOL VLV FROM B SF POOL				SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-40	SF-P2 DISCH ISOL VLV TO LWDS SYSTEM (B.5.B COMPONENT)				AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-41	SF-P2 DISCH ISOL VLV TO A SF POOL (B.5.B COMPONENT)				AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-42	SF-P2 DISCH ISOL VLV TO SF FUEL CASK PIT				AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-43	LWDS TO SPENT FUEL SYST ISOL VALVE				AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-44	SF SYSTEM ISOL VALVE TO DH-P-1A SUCT				AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-45	SF SYSTEM ISOLATION VALVE TO BWST				AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-46	LWDS PURIF LINE TO A SPENT FUEL POOL				AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-47	LWDS PURIF LINE TO B SPENT FUEL POOL				AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SF-V-48	A SF POOL SIPHON BREAKER ISOL VALVE				SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-49	SF-P2 PRIMING LINE ISOL VLV				AUX BLDG 281 NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-5	SF-P1B SUCT ISOL VLV FROM A SF POOL				SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-50	A SF POOL SUPPLY CHECK VALVE				FH BLDG 281 IN PRIMARY NEUT T K RM IN SE CORNER RM 13 HIGH	1FB281015
SF-V-51	B SF POOL SUPPLY CHECK VALVE				FH BLDG 281 IN PRIMARY NEUT T K RM IN SE CORNER RM 13 HIGH	1FB281015
SF-V-52	SF-C-1A VENT ISOL VALVE				SF COOLING PUMP ROOM TOP OF A COOLER NORTH END	1FB305115
SF-V-53	SF-C-1A DRAIN ISOL VALVE				SF COOLING PUMP ROOM BOTTOM OF A COOLER NORTH END	1FB305115
SF-V-54	SF-C-1B VENT ISOL VALVE				SF COOLING PUMP ROOM TOP OF B COOLER NORTH END	1FB305115
SF-V-55	SF-C-1B DRAIN ISOL VALVE				SF COOLING PUMP ROOM BOTTOM OF B COOLER NORTH END	1FB305115
SF-V-56	BORIC ACID TO SF SYST ISOL VALVE				AUX BLDG 281 NORTH OF ELEVATOR EAST WALL	1FB281010
SF-V-57	FTC FILL/DRAIN LINE ISOL & TEST DRN VLV				RB BASEMENT ON WEST SIDE ON OUTSIDE WALL 20 NW RB SUMP 6 HIGH	1RB279000
SF-V-59	FTC FILL/DRAIN LINE ISOL & TEST VENT VLV				AB 281 ON MEZZANINE OUTSIDE MU VALVE ALLEY 12' WEST END OF MEZZ	1AB294054
SF-V-6	SF-P1B SUCT ISOL VLV FROM FTC				SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-60	SF-P1B DISCH ISOL VLV TO RM-L5				SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-61	SF-P1A DISCH ISOL VLV TO RM-L5				SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-62	RM-L5 OUTLET ISOL VLV TO SF-P1B SUCT				SF COOLING PUMP ROOM ON WEST WALL 8' NORTH OF ENTRANCE 5' HIGH	1FB305115
SF-V-63	RM-L5 OUTLET ISOL VLV TO SF-P1A SUCT				SF COOLING PUMP ROOM ON WEST WALL 5' HIGH ABOVE B PUMP MOTOR	1FB305115
SF-V-64	RECLAIMED WATER TO RM-L5 SF-P1A/B SUCT				SF COOLING PUMP RM ON S WALL TO RIGHT OF ENTRANCE ABOVE RM-L-5	1FB305115
SF-V-65	RM-L-5 DRAIN VALVE				SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-66	SF-V66 CASK LOAD PIT SIPHON BRK ISOL VLV				2ND FLOOR FHB SE OF ELEVATOR ON WALL SOUTH OF FIRE HOSE REEL	1FB305200
SF-V-67	RM-L5 FLOW CONTROL VALVE				SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-68	SPENT FUEL TO BWST VENT VALVE				AB 281 12' UP ON WALL ABOVE ENTRANCE TO 'B' BLDG SPRAY VAULT	1AB281055
SF-V-69	SPENT FUEL TO DH SUCTION VENT VALVE				AB 281 12' UP ON WALL ABOVE ENTRANCE TO 'B' BLDG SPRAY VAULT	1AB281055
SF-V-7	SF-P1A DISCH CHECK VALVE				305' AUX BLDG SF PUMP COOLER ROOM AT DIS CH OF SF-P-1A	1FB305115

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SF-V-70	SF-P2 SUCT HEADER DRAIN				AB281 N ELEVATOR W WALL N OF RM-L-1 & SEAL RETURN COOLERS 6" FLR	1FB281010
SF-V-71	SF/LWDS PURIF SAMPLE/DRAIN LINE ISOL VLV				AUX BLDG 281 NORTH OF ELEVATOR EAST WALL	1FB281010
SF-V-72A	A SPENT FUEL POOL INLET DRAIN VALVE				FH BLDG 281 PRIMARY NEUT TK RM IN SW CORNER OF RM 12 HIGH	1FB281015
SF-V-72B	B SPENT FUEL POOL INLET DRAIN VALVE				FH BLDG 281 PRIMARY NEUT TK RM IN SW CORNER OF RM 12 HIGH	1FB281015
SF-V-73	A TRANSFER TUBE TELLTALE DRAIN VALVE				AB305 IN RM BEHIND SEAL INJ FILTERS 7FT UP E WALL NEAR MU-V-26	1AB305135
SF-V-74	A TRANSFER TUBE TELLTALE DRAIN VALVE				IN RM BEHIND SEAL INJECTION FILTERS 7 UP E WALL NEAR MU-V-26	1AB305135
SF-V-75	B TRANSFER TUBE TELLTALE DRAIN VALVE				IN RM BEHIND SEAL INJECTION FILTERS 7 UP E WALL NEAR MU-V-26	1AB305135
SF-V-76	B TRANSFER TUBE TELLTALE DRAIN VALVE				AB305 IN RM BEHIND SEAL INJ FILTERS 7FT UP E WALL NEAR MU-V-26	1AB305135
SF-V-78	RM-L5 INLET DRAIN VALVE				305' AUX BLDG SF PUMP ROOM LOCAL AT RM-L-5	1FB305115
SF-V-79	RB PENET TEST ISOL VALVE FOR SF-V-23				AUX BLDG 281: AT RB PENET 304 (SF-V-23)	1AB281055
SF-V-8	SF-P1B DISCH CHECK VALVE				305' AUX BLDG SF PUMP ROOM AT DISCH OF S F-P-1B	1FB305115
SF-V-84A	FUEL TRAN TUBE TEST CONN EAST VALVE				REACTOR BLDG @ ELEV 346-0	
SF-V-84B	FUEL TRAN TUBE TEST CONN WEST VALVE				REACTOR BLDG @ ELEV 346-0	
SF-V-85	SF-V-0031 HOT PARTICLE BONNET DRAIN				6' ABOVE RB SUMP	1RB279000
SF-V-86	SF-V-0032 HOT PARTICLE BONNET DRAIN				6' ABOVE RB SUMP	1RB279000
SF-V-9	SF-P-1A DISCH ISOL VALVE				305' AUX BLDG SF PUMP COOLER ROOM AT DISCH OF SF-P-1A	1FB305115
SF-VALV-ES	VALVES IN SPENT FUEL SYST					
SH-8	(UNIT 3AR) SH-8,9,10,11 ROLLUP DOOR BREAKER				1B ES SCRIN HSE MCC	
SJ-3	SOUND POWERED PHONE JACK SJ-3					
SM-SSP-1	(UNIT 1) SEISMIC MONITOR CKTBRK	1B	295	N WALL BY EF-P-2A		
SR-P-1A-BK	1R 480V ES SWGR UNIT 3B				'B' INVERTER ROOM VBD 120V DP 1	
SR-P-1B-BK	1T 480V ES SWGR UNIT 3B				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-P-1C-BK	1T 480V ES SWGR UNIT 3C				SCREEN HOUSE: NORTH AREA	1RWPH 100
SR-S-1A	(UNIT 8CR)SVC WTR PUMP A DISCH STRAINER				SE END RED 1A ESSH 480V MCC UNIT 8CR	
SR-S-1B	(UNIT 7AR)SVC WTR PUMP B DISCH STRAINER				1B ESSH 480V MCC UNIT 7AR	
SR-S-1C	(UNIT 7BL)SVC WTR PUMP C DISCH STRAINER				1B ESSH 480V MCC UNIT 7BL	
SR-S-2A-BK	1A ES SCREEN HOUSE MCC UNIT 9AL				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-S-2B-BK	1B ES SCREEN HOUSE MCC UNIT 3BL				SCREEN HOUSE: NORTH AREA	1RWPH 100
SR-S-2C-BK	1A ES SCREEN HOUSE MCC UNIT 9BR				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-S-3A-BK	1A ES SCREEN HOUSE MCC UNIT 6A				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-S-3B-BK	1B ES SCREEN HOUSE MCC UNIT 2D				SCREEN HOUSE: NORTH AREA	1RWPH 100
SR-S-3C-BK	1A ES SCREEN HOUSE MCC UNIT 6B				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-V-1A-BK	1A ES SCREEN HOUSE MCC UNIT 2C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SR-V-1B-BK	1B ES SCREEN HOUSE MCC UNIT 2B				SCREEN HOUSE: NORTH AREA	1RWPH 100

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
SR-V-1C-BK	1B ES SCREEN HOUSE MCC UNIT 2C				SCREEN HOUSE: NORTH AREA	1RWPH 100
SR-V-2-BK	1B ES VALVES MCC UNIT 10E				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
SW-CP-BK2	1B ES SH MCC UNIT 1DR:SCREEN/RAKE CONTRL				SCREEN HOUSE: NORTH AREA	1RWPH 100
SW-P-1A-BK	1R 480V ES SWGR UNIT 2D				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SW-P-1B-BK	1T 480V ES SWGR UNIT 3D				SCREEN HOUSE: NORTH AREA	1RWPH 100
SW-P-2A-BK	1A ES SCREEN HOUSE MCC UNIT 4C				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SW-P-2B-BK	1B ES SCREEN HOUSE MCC UNIT 3C				SCREEN HOUSE: NORTH AREA	1RWPH 100
SW-S-1A-BK1	1A ES SCREEN HOUSE MCC UNIT 9BL: SW-S-1A, SW-V-22A/23A				SCREEN HOUSE: SOUTH AREA	1RWPH 100
SW-S-1B-BK1	1B ES SCREEN HOUSE MCC UNIT 7DL: SW-S-1B, SW-V-22B/23				SCREEN HOUSE: NORTH AREA	1RWPH 100
SW-S-2A	(UNIT 9AR)A SCREEN HSE A VENT PUMP DISCH STRAINER				SE END RED 1A ESSH 480V MCC UNIT 9AR	1RWPH 100
SW-S-2B	(UNIT 7CR)B SCREEN HSE VENT PUMP DISCH STRAINER				1B ESSH 480V MCC UNIT 7CR	
T-1176	FW VALVE TRAIN A RELAY PANEL (HSPS for FW-V-16B/17B)	CB	338-6	PATIO AREA BY RELAY RM DOOR		
T-816	STARTUP RELAY CABINET FOR MS-V-1A	IB	355	ADJACENT TO MS-V-1A OPERATOR		
T-817	STARTUP RELAY CABINET FOR MS-V-1B	IB	355	ADJACENT TO MS-V-1B OPERATOR		
T-818	STARTUP RELAY CABINET FOR MS-V-1C	IB	355	ADJACENT TO MS-V-1C OPERATOR		
T-819	STARTUP RELAY CABINET FOR MS-V-1D	IB	355	ADJACENT TO MS-V-1D OPERATOR		
TG-CV-0001	MAIN TURBINE CONTROL VALVE 1	TB	322	N OF HP TURB		
TG-CV-0002	MAIN TURBINE CONTROL VALVE 2	TB	322	N OF HP TURB		
TG-CV-0003	MAIN TURBINE CONTROL VALVE 3	TB	322	FORWARD OF HP TURB		
TG-CV-0004	MAIN TURBINE CONTROL VALVE 4	TB	322	N OF HP TURB		
TG-GN-2-BK3	VBD SW# 6:MAIN GEN FLD GRD DETECTOR and				CONTROL TWR 322: B INVERTER ROOM	1CB322200
TG-SV-0001	MAIN TURBINE STOP VALVE #1	TB	322	N END OF HP TB		
TG-SV-0002	MAIN TURB STOP VALVE #2	TB	322	N END OF HP TB		
TG-SV-0003	MAIN TURB STOP VALVE #3	TB	322	N END OF HP TB		
TG-SV-0004	MAIN TURB STOP VALVE #4	TB	322	N END OF HP TB		
TR-0002	INSTRUMENT RACK	TB	322	20' NORTH OF VALVES		
TR-0003	INSTRUMENT RACK	IB	322	MS CUBICLE "B" EAST WALL		
TR-0006	INSTRUMENT RACK	RB	281	ADJACENT TO WEST STAIRS		
TR-0010A	INSTRUMENT RACK	RB	281	IN CORNER BY ELEVATOR		
TR-0010B	INSTRUMENT RACK	RB	281	IN CORNER BY EAST STAIRS		
TR-0011A	INSTRUMENT RACK	RB	281	15' NORTH OF TR-6		
TR-0011B	INSTRUMENT RACK	RB	281	DIRECTLY W. OF R.B. SUMP		
TR-0011C	INSTRUMENT RACK	RB	281	NW OF TR-11B		
TRA	120V REG AC INSTR. POWER TRA	CB	322	INVERTER RM 1A		
TRB	120V REG AC INSTR. POWER TRB	CB	322	INVERTER RM 1B		
VA-V-5A-BK	1C DC SW# 4				CONTROL TWR 322: A INVERTER ROOM	1CB322200
VA-V-5C-BK	1C DC SW# 5				CONTROL TWR 322: A INVERTER ROOM	1CB322200
VA-V-8-BK	1C ES VALVES MCC UNIT 5A				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
VBA	120V VITAL INST-DST PANEL 1A	CB	322	INVERTER RM 1A		
VBA/21	(UNIT 21) ALT FEED TO VBA FROM TRB				'A' INVERTER ROOM VBA 120V DP 21	
VBA/22	(UNIT 22) VBA TO ATA VIA STATIC SWITCH				'A' INVERTER ROOM VBA 120V DP 22	
VBB	120V VITAL INST-DST PANEL 1B	CB	322	INVERTER RM 1B		
VBB/15	VBB SW# 15 MAINT & INSTR PHONES				'B' INVERTER ROOM	

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
VBC	120V VITAL INST-DST PANEL 1C	CB	322	INVERTER RM 1A		
VBD	120V VITAL INST DIST PANEL 1D	CB	322	INVERTER ROOM 1B		
WDG-C-0001A	WASTE GAS COMPRESSOR COOLER	AB	281	IN COMPRESSOR UNIT		
WDG-C-0001B	WASTE GAS COMPRESSOR COOLER	AB	281	IN COMPRESSOR UNIT		
WDG-V-0047	WG RELEASE STOP AND CH	N/A	N/A	N/A		
WDG-V-169	LLRT/ILRT TEST CONNECTION				SEAL INJ FILTER AREA, 6 UP ON RB WALL, JUST UPSTREAM OF WDG-V-4	1AB305135
WDG-V-2-BK	1C ES VALVES MCC UNIT 7C				AUX BLDG 281: NEUTRALIZING TANK AREA	1FB281015
WDG-V-3	RB VENT HEADER CONTAINMENT ISOL VLV				RB 305 6' BEFORE B CFT 5' UP ON RB WALL	1RB308100
WDG-V-3	CONTAINMENT ISOLATION RB VENT HDR VLV OP				OUTSIDE WALL 6FT BEFORE CF TANK 'B'	1RB308100
WDG-V-3-BK	1A ES VALVES MCC UNIT 6D				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
WDG-V-4	CONTAINMENT ISOL - RB VENT HEADER VALVE				305' AB SEAL INJ FILTER AREA 6' UP ON RB WALL	1AB305135
WDL-C-0001	RC DRAIN COOLER	RB	281	RCDT RM 5' W OF WDL-T-3		
WDL-C-0003A	RC WASTE EVAPORATOR DISTILLATE COOLER	AB	281	ON RC EVAP A SKID		
WDL-C-0003B	MISC. WASTE EVAPORATOR DISTILLATE COOLER	AB	281	ON RC EVAP B SKID		
WDL-C-0004A	RC WASTE EVAPORATOR SEAL WATER COOLER	AB	281	RC WASTE EVAP CUBICLE		
WDL-C-0004B	MISC. WASTE EVAPORATOR SEAL WATER COOLER	AB	281	MISC WASTE EVAP CUBICLE		
WDL-CE-200-BK	AB-E SW# 12 : WDL-CE-200 & 201				AUX BLDG 305:INSIDE RADWASTE PANEL	1AB305100
WDL-F-0001A	PRECOAT FILTER A (USED IN BWST RECIRC)	AB	305	PRECOAT FILTER ROOM		
WDL-F-0001B	PRECOAT FILTER B (USED IN BWST RECIRC)	AB	305	PRECOAT FILTER ROOM		
WDL-P-5A-BK	1A ES MCC UNIT 4A					1CB322200
WDL-P-5B-BK	1B ES MCC UNIT 5A					1CB322200
WDL-T-0003	RC DRAIN TANK	RB	281	RCDT CUBICLE		
WDL-T-28	REACTOR BLDG NORMAL SUMP FOR DAILY R.B. LEAKAGE COLLECTION				LOCATED INSIDE THE REACTOR BUILDING SUMP @ ELEV. 2810"	1RB273010
WDL-V-0257	EFFLUENT FROM MDCT STOP	N/A	N/A	N/A		
WDL-V-0386	RELIEF VALVE FOR WDL-F-0001A	AB	305	IN PRECOAT FILTER ROOM		
WDL-V-0387	RELIEF VALVE FOR WDL-F-0001B	AB	305	IN PRECOAT FILTER ROOM		
WDL-V-303	RCDT & RC DRAINS OUTLET VALVE				RX BLDG 1ST FLOOR 4 FROM B CF TANK 1 FROM RB WALL 4 ABOVE FLOOR	1RB308100
WDL-V-303	CONTAINMENT ISOLATION RC DRAIN PUMP DSCH VLV OP				4FT FROM CORE FLOOD TANK CF-T-1B PEN.331	
WDL-V-303	(UNIT 8C) RC DRAIN TANK OUTLET VALVE				N END NEAR RW PNL 1A ESV 480V MCC 8C	
WDL-V-304	RC DRAINS CONTAINMENT ISOL VALVE				N SEAL INJ FILTER 2FT FROM RB WALL 10FT E OF DRAIN FUNNEL 7FT UP	1AB305135
WDL-V-304	CONTAINMENT ISOLATION RC DRAIN PUMP DISCH SLND				NORTH OF SEAL INJ. FILTER AREA EL.314-0	1AB305135
WDL-V-3041	ACTUATOR FOR CONT ISOLATION RC DRAIN PUMP DISCH ISOLA				N OF SEAL INJ.FLTR AREA PEN.331 EL.314-0	1AB305135

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Component ID	Description	Building	Elev.	Room	Location Description	Location Code
WDL-V-534	RB SUMP DRAIN TO AUX BLDG SUMP				281' AUX BLDG IN B DH VAULT NE CORNER 2' FROM RB WALL	1AB261056
WDL-V-534	CONTAINMENT ISOLATION RB SUMP DRAIN ISOL SOLND				NEAR WDL-P-5A/B @ EL.272-2	
WDL-V-534\1	CONTAINMENT ISOLATION RB SUMP DRAIN TO AUX BLDG				NE CORNER B DH VLT 2' FM RB WALL PEN#353	1AB261056
WDL-V-535	RB SUMP DRAIN TO AUX BLDG SUMP				281' AUX BLDG IN B DH VAULT NE CORNER 2' FROM RB WALL	1AB261056
WDL-V-535	CONTAINMENT ISOLATION RB SUMP DRAIN ISOL VLV SO				NEAR WDL-P-5A/B @ EL.269-2	
WDL-V-535\1	CONTAINMENT ISOLATION RB SUMP DRAIN TO AUX BLDG				NE CORNER B DH VLT 2' FM RB WALL PEN#353	
WELD-A-1-BK	1A ES VALVES MCC UNIT 6AR				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
WELD-A-2-BK	1A ES VALVES MCC UNIT 10EL				AUX BLDG 305: ROOM NORTH OF RADWASTE PNL	1AB305130
WELD-D-1-BK	1A ES MCC UNIT 5ER				CONTROL TWR 322: 1P SWGR ROOM	1CB322200
WELD-S-1-BK	1B ES SCREEN HOUSE MCC UNIT 7AL				SCREEN HOUSE: NORTH AREA	1RWPH 100
WELD-S-3-BK	1B ES SCREEN HOUSE MCC UNIT 9DL				SCREEN HOUSE: NORTH AREA	1RWPH 100
WT-P-33A-BK	1A ES SCREEN HOUSE MCC UNIT 10E				SCREEN HOUSE: SOUTH AREA	1RWPH 100
WT-P-33B-BK	1B ES SCREEN HOUSE MCC UNIT 4C				SCREEN HOUSE: NORTH AREA	1RWPH 100
XCC	RELAY PANEL XCC	CB	338-6	RELAY ROOM		
XCL	RELAY PANEL XCL	CB	338-6	RELAY ROOM 12F3		
XCLA	FW VALVE TRAIN B RELAY PANEL (HSPS for FW-V-16A/17A)	CB	338-6	RELAY ROOM BEHIND XCL		
XCR	RELAY PANEL XCR	CB	338-6	RELAY ROOM 12G3		
XPL	RELAY PANEL XPL	CB	338-6	RELAY ROOM E OF XCL		

Table B-2. Base List 2

ID	Description	Location	Location Code
SF2FI1	SF-P-2 LOCAL FLOW INDICATOR	281' AUX BLDG BY SF-P-2	
SF-TE-798	A SPENT FUEL POOL TEMP ELEMENT	W WALL A SF POOL 2 BELOW FL LVL 18IN N OF A & B DIVIDING WALL	1FB348300
SF-TE-799	B SPENT FUEL POOL TEMP ELEMENT	W WALL OF B SFP 2 BELOW FL L VL 18IN S OF A & B DIVIDING WALL	1FB348300
SF-FI-128	RM-L-5 FLOW IND	AUXILIARY BLDG 1ST SPENT FUEL COOLER RM	1FB305115
SF-TI-535	SF-C-1A OUTLET TEMP INDICATOR	S END SFC-1A O/LET PIPING 6IN BELO SF-C-1A GAGE FACNG S 18FT UP	1FB305115
SF-TI-536	SF-C-1B OUTLET TEMP INDICATOR	S END SFC-1B O/LET PIPING 6IN BELO SF-C-1B GAGE FACNG W 4.5FT UP	1FB305115
SF4-PI-1	SF-P1A DISCH PRESSURE GAGE	305' AUX BLDG SPENT FUEL COOLER ROOM LOCAL AT SF-P1A	1FB305115
SF4-PI-2	SF-P1B DISCH PRESSURE GAGE	305' AUX BLDG SPENT FUEL COOLER ROOM LOCAL AT SF-P1B	1FB305115
SF5-PI	SF-P-2 DISCH PRESSURE GAGE	281' AUX BLDG LOCALLY AT SF-P2	1FB281010
SF-P-2	BORATED WATER RECIRC PUMP	AUX BLDG BSMT SOUTH OF SEAL RET CLRS ALONG WALL	1FB281010
SF-C-1A	A SPENT FUEL COOLER	305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-C-1B	B SPENT FUEL COOLER	305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-P-1A	"A" SPENT FUEL COOLING PUMP	305' AUX BLDG IN SF COOLER ROOM	1FB305115
SF-P-1B	"B" SPENT FUEL COOLING PUMP	305' AUX BLDG IN SF COOLER ROOM	1FB305115
AH-E-8B	SPENT FUEL COOLANT PUMPS AH UNIT B	AUX BLDG 305 ELEVATION SPENT FUEL COOLER ROOM IN OVERHEAD	1FB305115
SF-V-1	SF-P1A SUCT ISOL VLV FROM B SF POOL	SPENT FUEL COOLING PUMP ROOM ON WEST WALL BETWEEN A&B PUMPS	1FB305115
SF-V-10	SF-P-1B DISCH ISOL VALVE	SF COOLING PUMP ROOM DISCHARGE OF B PUMP	1FB305115
SF-V-1000	SF2-FE HI SIDE ISOL VLV	AUX BLDG BASEMENT N OF ELEV WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1001	SF2-FE LO SIDE ISOL VLV	AUX BLDG BASEMENT N OF ELEV WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1002	SF4-PI-1 ROOT VALVE	SF COOLING PUMP ROOM ON DISCHARGE OF SF-P-1A	1FB305115
SF-V-1003	SF4-PI-2 ROOT VALVE	SF COOLING PUMP ROOM ON DISCHARGE OF SF-P-1B	1FB305115
SF-V-1004	SF5-PI ROOT VALVE	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1005	SF9-FE-1 ROOT VALVE	FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015

Table B-2. Base List 2

ID	Description	Location	Location Code
SF-V-1006	SF9-FE-1 ROOT VALVE	FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1007	SF9-FE-2 ROOT VALVE	FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1008	SF9-FE-2 ROOT VALVE	FH BLDG 281 PRI NEUT TANK RM 14 ABOVE ENTRANCE AT S END	1FB281015
SF-V-1009	SF2-DPT HI SIDE ISOL VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1010	SF2-DPT LO SIDE ISOL VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1011	SF2-DPT EQUALIZING VALVE	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1012	SF9-DPT-2 HI SIDE ISOL VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1013	SF9-DPT-2 LO SIDE ISOL VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1014	SF9-DPT-2 EQUALIZING VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1015	SF9-DPT-1 HI SIDE ISOL VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1016	SF9-DPT-1 LO SIDE ISOL VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1017	SF9-DPT-1 EQUALIZING VALVE	FUEL HAND 281 IN PRI NEUT TANK RM ON SOUTH WALL WEST SIDE 6 HIGH	1FB281015
SF-V-1018	SF2-DPT LO SIDE VENT VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1019	SF2-DPT HI SIDE VENT VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1020	SF2-FI-1 HI SIDE ISOL VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1021	SF2-FI-1 LO SIDE ISOL VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1022	SF2-FI-1 EQUALIZING VLV	AUX BLDG BASEMENT NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-1033	LOW SIDE VENT VALVE SF2-FI-1	281' AUX BLDG BY SF-P-2	1FB281010
SF-V-1034	HIGH SIDE VENT VALVE SF2-FI-1	281' AUX BLDG BY SF-P-2	1FB281010

Table B-2. Base List 2

ID	Description	Location	Location Code
SF-V-11	SF-P1A DISCH ISOL VLV TO B SF POOL	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-12	SF-P1A DISCH ISOL VLV TO A SF POOL	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-13	SF-P1A DISCH ISOL VALVE TO FTC	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-14	SF-P1B DISCH ISOL VLV TO B SF POOL	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-15	SF-P1B DISCH ISOL VLV TO A SF POOL	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-16	SF-P1B DISCH ISOL VALVE TO FTC	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115
SF-V-19	SF-DHR X-CONN ISOL VALVE	AB 281 N FROM ELEV ON WEST WALL N OF RM-L-1 & SEAL RETURN COOLER	1FB281010
SF-V-2	SF-P1A SUCT ISOL VLV FROM B SF POOL	SPENT FUEL COOLING PUMP ROOM ON WEST WALL BETWEEN A&B PUMPS	1FB305115
SF-V-22	CONTAINMENT ISOL - FUEL XFER CANAL FILL/DRAIN ISO VLV	AB 281 ON MEZZANINE OUTSIDE MU VLV ALLEY 12' FROM W. END MEZZ.	1AB294054
SF-V-23	CONTAINMENT ISOL - FUEL XFER CANAL FILL/DRAIN ISO VLV	AB 281 ON MEZZANINE OUTSIDE MU VLV ALLEY 12' FROM W. END MEZZ.	1AB294054
SF-V-24	FUEL TRANSFER CANAL FILL & DRAIN ISOL VLV	RB BASEMENT AT RB SUMP 15 HIGH CHAIN VALVE ABOVE SF-V-31 & 32	1RB273010
SF-V-26	A SF POOL OUTLET TO SF-P-1A/B	SF POOL 3RD FLOOR AT NORTH END WEST OF POOL	1FB348300
SF-V-27	A SF POOL DRAIN LINE ISOL VALVE	FOOT VALVE & STRAINER IN A SF POOL	1FB348300
SF-V-28	B SF POOL OUTLET TO SF-P1A/B	AUX BLDG 2ND FLOOR NE OF ELEVATOR	1AB331200
SF-V-3	SF-P1A SUCT ISOL VLV FROM FTC	SPENT FUEL COOLING PUMP ROOM ON WEST WALL BETWEEN A&B PUMPS	1FB305115
SF-V-31	FTC DRAIN ISOL VALVE TO RB SUMP	RX BLDG BASEMENT SW CORNER OF RB SUMP 5' ABOVE GRATING	1RB273010
SF-V-32	FTC DRAIN ISOL VALVE TO SF PUMPS	RX BLDG BASEMENT SW CORNER OF RB SUMP 5' ABOVE FLOOR	1RB273010
SF-V-33	SF-P2 SUCT ISOL VLV FROM A SF POOL	SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-34	SF-P2 SUCT ISOL VLV FROM B SF POOL	AUX BLDG 2ND FLOOR NE OF ELEVATOR	1AB331200
SF-V-35	SF-P2 SUCT VLV FROM SPENT FUEL CASK PIT	AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010

Table B-2. Base List 2

ID	Description	Location	Location Code
SF-V-36	SF-P2 SUCT VLV FROM BWST TANK	AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010
SF-V-37	SF-P2 SUCT VLV FROM FUEL POOL A & B	AUX BLDG 281 N OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010
SF-V-38	A SF POOL DRAIN ISOL VALVE	SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-39	SF-P2 DISCH CHECK VALVE	281' AUX BLDG NORTH OF ELEVATOR ON WEST WALL ON DISCH OF SF-P-2	1FB281010
SF-V-4	SF-P1B SUCT ISOL VLV FROM B SF POOL	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-40	SF-P2 DISCH ISOL VLV TO LWDS SYSTEM (B.5.B COMPONENT)	AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-41	SF-P2 DISCH ISOL VLV TO A SF POOL (B.5.B COMPONENT)	AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-42	SF-P2 DISCH ISOL VLV TO SF FUEL CASK PIT	AUX BLDG 281 NORTH OF ELEVATOR ON WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-43	LWDS TO SPENT FUEL SYST ISOL VALVE	AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-44	SF SYSTEM ISOL VALVE TO DH-P-1A SUCT	AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-45	SF SYSTEM ISOLATION VALVE TO BWST	AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-46	LWDS PURIF LINE TO A SPENT FUEL POOL	AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-47	LWDS PURIF LINE TO B SPENT FUEL POOL	AUX BLDG 281 NORTH OF ELEVATOR ON EAST WALL	1FB281010
SF-V-48	A SF POOL SIPHON BREAKER ISOL VALVE	SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300
SF-V-49	SF-P2 PRIMING LINE ISOL VLV	AUX BLDG 281 NORTH OF ELEVATOR WEST WALL SOUTH OF SF-P-2	1FB281010
SF-V-5	SF-P1B SUCT ISOL VLV FROM A SF POOL	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-50	A SF POOL SUPPLY CHECK VALVE	FH BLDG 281 IN PRIMARY NEUT T K RM IN SE CORNER RM 13 HIGH	1FB281015
SF-V-51	B SF POOL SUPPLY CHECK VALVE	FH BLDG 281 IN PRIMARY NEUT T K RM IN SE CORNER RM 13 HIGH	1FB281015

Table B-2. Base List 2

ID	Description	Location	Location Code
SF-V-52	SF-C-1A VENT ISOL VALVE	SF COOLING PUMP ROOM TOP OF A COOLER NORTH END	1FB305115
SF-V-53	SF-C-1A DRAIN ISOL VALVE	SF COOLING PUMP ROOM BOTTOM OF A COOLER NORTH END	1FB305115
SF-V-54	SF-C-1B VENT ISOL VALVE	SF COOLING PUMP ROOM TOP OF B COOLER NORTH END	1FB305115
SF-V-55	SF-C-1B DRAIN ISOL VALVE	SF COOLING PUMP ROOM BOTTOM OF B COOLER NORTH END	1FB305115
SF-V-56	BORIC ACID TO SF SYST ISOL VALVE	AUX BLDG 281 NORTH OF ELEVATOR EAST WALL	1FB281010
SF-V-57	FTC FILL/DRAIN LINE ISOL & TEST DRN VLV	RB BASEMENT ON WEST SIDE ON OUTSIDE WALL 20 NW RB SUMP 6 HIGH	1RB279000
SF-V-59	FTC FILL/DRAIN LINE ISOL & TEST VENT VLV	AB 281 ON MEZZANINE OUTSIDE MU VALVE ALLEY 12' WEST END OF MEZZ	1AB294054
SF-V-6	SF-P1B SUCT ISOL VLV FROM FTC	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115
SF-V-60	SF-P1B DISCH ISOL VLV TO RM-L5	SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-61	SF-P1A DISCH ISOL VLV TO RM-L5	SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-62	RM-L5 OUTLET ISOL VLV TO SF-P1B SUCT	SF COOLING PUMP ROOM ON WEST WALL 8' NORTH OF ENTRANCE 5' HIGH	1FB305115
SF-V-63	RM-L5 OUTLET ISOL VLV TO SF-P1A SUCT	SF COOLING PUMP ROOM ON WEST WALL 5' HIGH ABOVE B PUMP MOTOR	1FB305115
SF-V-64	RECLAIMED WATER TO RM-L5 SF-P1A/B SUCT	SF COOLING PUMP RM ON S WALL TO RIGHT OF ENTRANCE ABOVE RM-L-5	1FB305115
SF-V-65	RM-L-5 DRAIN VALVE	SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-66	SF-V66 CASK LOAD PIT SIPHON BRK ISOL VLV	2ND FLOOR FHB SE OF ELEVATOR ON WALL SOUTH OF FIRE HOSE REEL	1FB305200
SF-V-67	RM-L5 FLOW CONTROL VALVE	SF COOLING PUMP ROOM ON SOUTH WALL	1FB305115
SF-V-68	SPENT FUEL TO BWST VENT VALVE	AB 281 12' UP ON WALL ABOVE ENTRANCE TO 'B' BLDG SPRAY VAULT	1AB281055
SF-V-69	SPENT FUEL TO DH SUCTION VENT VALVE	AB 281 12' UP ON WALL ABOVE ENTRANCE TO 'B' BLDG SPRAY VAULT	1AB281055
SF-V-7	SF-P1A DISCH CHECK VALVE	305' AUX BLDG SF PUMP COOLER ROOM AT DIS CH OF SF-P-1A	1FB305115
SF-V-70	SF-P2 SUCT HEADER DRAIN	AB281 N ELEVATOR W WALL N OF RM-L-1 & SEAL RETURN COOLERS 6" FLR	1FB281010

Table B-2. Base List 2

ID	Description	Location	Location Code
SF-V-71	SF/LWDS PURIF SAMPLE/DRAIN LINE ISOL VLV	AUX BLDG 281 NORTH OF ELEVATOR EAST WALL	1FB281010
SF-V-72A	A SPENT FUEL POOL INLET DRAIN VALVE	FH BLDG 281 PRIMARY NEUT TK RM IN SW CORNER OF RM 12 HIGH	1FB281015
SF-V-72B	B SPENT FUEL POOL INLET DRAIN VALVE	FH BLDG 281 PRIMARY NEUT TK RM IN SW CORNER OF RM 12 HIGH	1FB281015
SF-V-73	A TRANSFER TUBE TELLTALE DRAIN VALVE	AB305 IN RM BEHIND SEAL INJ FILTERS 7FT UP E WALL NEAR MU-V-26	1AB305135
SF-V-74	A TRANSFER TUBE TELLTALE DRAIN VALVE	IN RM BEHIND SEAL INJECTION FILTERS 7 UP E WALL NEAR MU-V-26	1AB305135
SF-V-75	B TRANSFER TUBE TELLTALE DRAIN VALVE	IN RM BEHIND SEAL INJECTION FILTERS 7 UP E WALL NEAR MU-V-26	1AB305135
SF-V-76	B TRANSFER TUBE TELLTALE DRAIN VALVE	AB305 IN RM BEHIND SEAL INJ FILTERS 7FT UP E WALL NEAR MU-V-26	1AB305135
SF-V-78	RM-L5 INLET DRAIN VALVE	305' AUX BLDG SF PUMP ROOM LOCAL AT RM-L -5	1FB305115
SF-V-79	RB PENET TEST ISOL VALVE FOR SF-V-23	AUX BLDG 281: AT RB PENET 304 (SF-V-23)	1AB281055
SF-V-8	SF-P1B DISCH CHECK VALVE	305' AUX BLDG SF PUMP ROOM AT DISCH OF S F-P-1B	1FB305115
SF-V-84A	FUEL TRAN TUBE TEST CONN EAST VALVE	REACTOR BLDG @ ELEV 346-0	
SF-V-84B	FUEL TRAN TUBE TEST CONN WEST VALVE	REACTOR BLDG @ ELEV 346-0	
SF-V-85	SF-V-0031 HOT PARTICLE BONNET DRAIN	6' ABOVE RB SUMP	1RB279000
SF-V-86	SF-V-0032 HOT PARTICLE BONNET DRAIN	6' ABOVE RB SUMP	1RB279000
SF-V-9	SF-P-1A DISCH ISOL VALVE	305' AUX BLDG SF PUMP COOLER ROOM AT DISCH OF SF-P-1A	1FB305115

Table B-3. SWEL 1

ID	DESCRIPTION	CLASS	BUILDING	ELEV.	LOCATION	SYSTEM	Seismic Cat 1?	Safety Function(s) (Note 1)	New or Replace ?	IPEEE Enhancement?	Comments
1B	ENGINEERED SAFEGUARDS CABINET 1B	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	ESAS CABINET ROOM	642	Y	ESFAS			
1B DG CNPL	DIESEL GEN 1B - ENGINE CONTROL RELAY PANEL	(20) Instrumentation and Control Panels and Cabinets	DG	305	IN HALL OUTSIDE ENG ROOM B	741	Y	SSAC			
1B-480V-ES	480V ENGINEERED SAFEGUARDS MCC 1B	(01) Motor Control Centers	CB	322	SWGR ROOM 202	733	Y	SSAC			
1B-480V-ESF	1B-480V-ESF VENT BUILDING MCC	(01) Motor Control Centers	AB	305	NEAR RW PNL	737	Y	SSAC			
1B-480V-ESV	1B ENGINEERED SAFEGUARDS VALVES & HEATING CONTROL CENTR	(01) Motor Control Centers	AB	305	L-6d	733	Y	SSAC			
1B-480V-SHES	480V SCREEN HOUSE ENGINEERED SAFEGUARDS MCC 1B	(01) Motor Control Centers	IPH	308	NORTH ROOM	733	Y	SSAC			
1E-4160V-ES	4160V ENGINEERED SAFEGUARDS BUS 1E	(03) Medium Voltage Switchgear	CB	338-6	4160 ES SWGR RM	732	Y	SSAC			
1F-DC	125/250V DC ES DIST PANEL 1F	(14) Distribution Panels	CB	322	INVERTER ROOM B	734	Y	SSDC			
1Q-DC	125/250VDC DIST PANEL FOR EDG 1B	(14) Distribution Panels	DG	305	HALLWAY OUTSIDE EDG 1B	764	Y	SSDC			
1S-480V-ES	480V ENGINEERED SAFEGUARDS BUS 1S	(02) Low Voltage Switchgear	IB	308	SWGR RM 202	733	Y	SSAC			RAW=30
1S-480V-ES	1S 480V ES SWGR 4160/480V XFMR	(04) Transformers	IB	308	NEXT TO 1S-480V-ES SWGR	733	Y	SSAC			
1T-480V-SHES	480V ENGINEERED SAFEGUARDS SCREEN HOUSE BUS 1T	(02) Low Voltage Switchgear	IPH	308	NORTH ROOM	733	Y	SSAC			RAW=19
1T-480V-SHES	1T 480V SCREEN HOUSE ES SWGR 4160/480V XFMR	(04) Transformers	CB	322	NEXT TO 1T-480V-SHES	733	Y	SSAC			
3B	ESAS ACTUATION CABINET 3B	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	ESAS CABINET AREA	642	Y	ESFAS			
4B	ESAS ACTUATION CABINET 4B	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	ESAS CABINET AREA	642	Y	ESFAS			
5B	ESAS ACTUATION CABINET 5B	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	ESAS CABINET AREA	642	Y	ESFAS			
AH-C-0004B	CONTROL BUILDING CHILLER	(11) Chillers	CB	285	CB CHILLER ROOM	827	Y	SSHVAC			
AH-E-0008A	SPENT FUEL PUMP ROOM A FAN	(09) Fans	FHB	305	ABOVE SPENT FUEL POOL	833	Y	SSHVAC			
AH-E-0015B	AUX BLDG- AIR HANDLING UNITS FOR NSCCW & DH PUMPS	(10) Air Handlers	AB	305	NUC SERV/DECAY CLOSED PMP CUBICLE AREA IN OVERHEAD	832	Y	SSHVAC			
AH-E-0024B	EMERG FEED PUMP COOLER FAN	(09) Fans	IB	295	N ABOVE IA-P-1A	828	Y	SSHVAC			
AH-E-18B	CONTROL BUILDING EMERG B SUPPLY FAN	(09) Fans	CB	380	5TH FLOOR CONTROL TOWER (B) FAN EQUIPMENT ROOM	826	Y	SSHVAC			
AH-E-19B	CONTROL BUILDING B RETURN AIR FAN	(09) Fans	CB	380	CONTROL BUILDING, 5TH FLOOR, "B" EQUIPMENT ROOM	826	Y	SSHVAC			
AH-E-1B	REACTOR BLDG COOLING FAN	(09) Fans	RB	305	RB BASEMENT AT AH-E-1B	823	Y	CF			
AH-E-95B	CONTROL BUILDING 2ND FLOOR B BOOSTER FAN	(09) Fans	CB	322	322' CONTROL BUILDING 10' ABOVE 1S 480V SWITCHGEAR.	826	Y	SSHVAC			
BS-PS-0933	RB PRESSURE SWITCH FOR ESAS ACTUATION	(20) Instrumentation and Control Panels and Cabinets	AB	305	ON RB WALL ABOVE IC-F-1A	642	Y	ESFAS			

ID	DESCRIPTION	CLASS	BUILDING	ELEV.	LOCATION	SYSTEM	Seismic Cat 1?	Safety Function(s) (Note 1)	New or Replace ?	IPEEE Enhance-ment?	Comments
CC	CONTROL RM CONSOLE CENTER CONTROL PANEL	(20) Instrumentation and Control Panels and Cabinets	CB	355	IN CONTROL RM, S OF COMPUTER CONSOLE	611	Y	ESFAS			
CO-LT-1061	CONDENSATE STORAGE TANK A LEVEL TRANSMITTER	(18) Instruments on Racks	IB	295	NW CORNER OF HALLWAY	421	Y	DHR			
CO-LT-1062	CONDENSATE STORAGE TANK B LEVEL TRANSMITTER	(18) Instruments on Racks	IB	295	HALLWAY	421	Y	DHR			
CO-LT-1063	CONDENSATE STORAGE TANK B LEVEL TRANSMITTER	(18) Instruments on Racks	IB	295	HALLWAY	421	Y	DHR			
CO-T-0001B	CONDENSATE STORAGE TANK 1B	(21) Tanks and Heat Exchangers	YD	305	N.W. OF REACT BLDG	421	Y	DHR			
CO-V-0010B	CONDENSATE TANK B ISOL VALVE	(0) Other	YD	305	INSIDE VALVE HOUSE	421	Y	DHR			
CRD-CB-1D	CRD CIRCUIT BREAKER 1D	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	PATIO ROOM, ELEVATION 338'	622	Y	RRC			
DF-FI-1151	EDG/FUEL OIL/DF-P-1C/1D TO DF-T-2B FLOW INDICATOR	(18) Instruments on Racks	DG	305	"B"DG BLDG @ DF-T-2B	862	Y	SSAC			
DF-LI-J500B	EDG/FUEL OIL/DF-T-2B LEVEL INDICATOR	(18) Instruments on Racks	DG	305	"B"DG BLDG	862	Y	SSAC			
DF-P-0001B	EDG FUEL OIL/DIESEL FUEL TRANSFER PUMP B (DC)	(05) Horizontal Pumps	DG	305	"A" DG BLDG	862	Y	SSAC			
DF-T-0002B	EDG FUEL OIL/EG-Y-1B DAY TANK	(21) Tanks and Heat Exchangers	DG	305	"B" DG BLDG NORTH WALL	863	Y	SSAC			
DH-T-0001	BWST	(21) Tanks and Heat Exchangers	YD	305	WRB HATCH	221	Y	RRC, RCIC			
DH-V-0005B	BWST TO DH PUMPS	(8A) Motor Operated Valves	AB	281	ON DIVIDING WALL S. FACE	212	Y	RCIC, DHR			
DR-P-1B	DECAY HEAT RIVER PMP	(06) Vertical Pumps	IPH	308	UNIT ONE SCREEN HOUSE EAST SIDE	533	Y	DHR			F-V=1.6E-02
DR-S-1B	DECAY RIVER STRAINER	(0) Other	IPH	308	UNIT ONE SCREEN HOUSE BETWEEN DR-P-1B AND DR-V-1B	533	Y	UHS			
EED-B-1B	250V DC STATION BATTERY 1B	(15) Batteries on Racks	CB	322	BATTERY ROOM B	734	Y	SSDC	Y		RAW=60
EED-BC-1B	BATTERY CHARGER 1B	(16) Battery Chargers and Inverters	CB	322	INVERTER ROOM 1B	734	Y	SSDC			
EED-BC-1D	BATTERY CHARGER 1D	(16) Battery Chargers and Inverters	CB	322	INVERTER ROOM 1B	734	Y	SSDC			
EED-BC-1F	BATTERY CHARGER 1F	(16) Battery Chargers and Inverters	CB	322	INVERTER ROOM 1B	734	Y	SSDC			
EED-PNL-1B	125/250V DC DIST PANEL 1B	(14) Distribution Panels	CB	322	INVERTER ROOM 1B	735	Y	SSDC			RAW=52:F-V=2.37E-02
EE-INV-1B	INVERTER 1B	(16) Battery Chargers and Inverters	CB	322	INVERTER ROOM B	735	Y	SSDC	Y		Replaced in 2008
EE-INV-1F	1F INVERTER	(16) Battery Chargers and Inverters	CB	322	CONTROL TWR 322: B INVERTER ROOM	735	Y	SSAC	Y		
EE-PNL-V8B	VBB 120 VAC PANEL	(20) Instrumentation and Control Panels and Cabinets	CB	322	CONTROL TWR 322: B INVERTER ROOM	735	Y	SSAC			
EF-FT-0782	EFW TO B OTSG FLOW TRANSMITTER	(18) Instruments on Racks	IB	295	E WALL BEHIND AE-42	211	Y	DHR			
EF-P-0001	STEAM DRIVEN EMERGENCY FEED PUMP	(05) Horizontal Pumps	IB	295	EF-P-1 CUBICLE	424	Y	DHR			F-V=8.4E-02
EF-P-0002B	EMERGENCY FEED PUMP B	(05) Horizontal Pumps	IB	295	EF-P-1B CUBICLE	424	Y	DHR			

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ID	DESCRIPTION	CLASS	BUILDING	ELEV.	LOCATION	SYSTEM	Seismic Cat 1?	Safety Function(s) (Note 1)	New or Replace ?	IPEEE Enhance-ment?	Comments
EF-V-0001B	EFW PUMPS SUCTION CROSS CONNECT VALVE	(8A) Motor Operated Valves	IB	295	NE OF EF-P-1 UNDER PLATFORM	424	Y	DHR			
EF-V-0004	EMERG RIVER WATER TO EFW	(8A) Motor Operated Valves	IB	295	E OF EF-P-2B	424	Y	DHR			
EF-V-0030B	EFW TO OTSG B FLOW CTRL VALVE	(07) Fluid-Operated Valves	IB	295	E OF EF-P-2B AT	424	Y	DHR			
EG-C-2D	EDG B AIR COOLER B RADIATOR	(21) Tanks and Heat Exchangers	DG	305	RADIATOR ENCLOSURE AREA EG-Y-1B	861	Y	SSDC			
EG-C-3B	EDG B AIR COOLER A RADIATOR	(21) Tanks and Heat Exchangers	DG	305	RADIATOR ENCLOSURE AREA EG-Y-1B	861	Y	SSDC			
EG-P-0001B	EDG LUBE OIL & STARTING AIR/AIR COMPRESSOR	(12) Air Compressors	DG	305	"B" DG BLDG	863	Y	SSCA			
EG-T-0001B-1	EDG 1B AIR START 1 RESERVOIR	(21) Tanks and Heat Exchangers	DG	305	"B" DG BLDG NR DIESEL EG-Y-1B	863	Y	SSAC		Y	
EG-T-0001B-2	EDG 1B AIR START 2 RESERVOIR TANK	(21) Tanks and Heat Exchangers	DG	305	"B" DG BLDG NR DIESEL EG-Y-1B	863	Y	SSAC		Y	
EG-Y-0001B	EMERGENCY DIESEL GENERATOR 1B	(17) Engine-Generators	DG	305	SOUTH ROOM	861	Y	SSAC			F-V=7.34E-01
HSPS-CH-2	HSPS CHANNEL 2	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	CONTROL TWR 338: PATIO	644	Y	ESFAS			
IA-T-0007B	2 HR AIR BOTTLE TO "B" TRAIN	(0) Other	DG	305	"B" DG BLDG S/E WALL	852	Y	SSCA			
IA-T-0019	AIR ACCUMULATOR FOR FW-V-16B/17B	(0) Other	IB	322	ON WALL EAST OF VALVE	852	Y	SSCA			
MS-PT-1184	OTSG "B" STEAM PRESSURE TRANSMITTER	(18) Instruments on Racks	RB	308	"D" MS LINE ACROSS FROM STAIRS	411	Y	DHR			
MS-V-0001C	CONT ISOL B OTSG MS ISOL VALVE	(8A) Motor Operated Valves	IB	355	IN 'C' STEAM RM	411	Y	CF			
MS-V-0002B	CONT ISOL B OTSG ISOL TO ATMOS	(8A) Motor Operated Valves	IB	295	EF-P-1 RM ON MS	411	Y	CF, DHR			
MS-V-0004B	ATMOSPHERIC DUMP VALVE FOR 'B' OTSG	(07) Fluid-Operated Valves	IB	295	EF-P-1 RM ON MS	421	Y	DHR	Y		ECR 08-00145
MU-FT-1127	HPI THRU MU-V-16B FLOW TRANSMITTER	(18) Instruments on Racks	AB	281	3' E. MU VLV ALLEY	211	Y	RCIC			
MU-FT-1128	HPI THRU MU-V-16C FLOW TRANSMITTER	(18) Instruments on Racks	AB	305	ON WALL BY MU-F-4A 4' UP	211	Y	RCIC			
MU-FT-1129	HPI THROUGH MU-V-16D FLOW TRANSMITTER	(18) Instruments on Racks	FHB	281	W WALL 12' N OF SEAL RET CLR	211	Y	RCIC			
MU-P-0001B	MAKEUP PUMP 1B	(05) Horizontal Pumps	AB	281	MU PUMP RM B	211	Y	RRC,RCIC			
MU-V-0003	CONTAINMENT ISOL LD COOLER ISOL VLV	(07) Fluid-Operated Valves	AB	281	N ON MEZANINE O	221	Y	CF			
NR-P-0001B	NUC SVC COOL RIVER WATER 'B' PUMP	(06) Vertical Pumps	IPH	308	N PUMP ROOM SOU	541	Y	UHS	Y		
NR-V-0001B	NUC PUMP RIVER PUMP B DISCH VLV	(8A) Motor Operated Valves	IPH	308	NR-P-1B DISCH N	531	Y	UHS			
NR-V-0004B	DEICING MU VALVE B	(8A) Motor Operated Valves	AB	271	HT EX VAULT NW	531	Y	UHS			
NS-C-0001B	NUCLEAR SERVICES CLOSED COOLING WATER HEAT EXCHANGER 1B	(21) Tanks and Heat Exchangers	AB	271	HEAT EXCHANGE VAULT N	541	Y	UHS			
NS-P-0001B	NUC SVC CLOSED COOLING WATER 'B' PUMP	(05) Horizontal Pumps	AB	305	NS PUMP CUB M6C	541	Y	UHS			
NS-V-0052B	CONTAINMENT ISOL AH-E-1B MTR COOLER SUPPLY	(07) Fluid-Operated Valves	IB	295	IB BASEMENT CUBICLE S OF REACT OR RIVER LOOPS S WALL 8 ABOVE FLR	541	Y	CF			
NS-V-0053B	CONTAINMENT ISOL AH-E-1B MTR COOLER RETURN	(07) Fluid-Operated Valves	IB	296	N/A	541	Y	CF			
NS-V-0054B	SPENT FUEL POOL PUMP ROOM COOLING COIL FLOW CONTROL VLV	(07) Fluid-Operated Valves	SF	305	IN OVERHEAD BY AIR COOLERS	541	Y	SSHVAC			
RC-RV-0002	PILOT OPERATED RELIEF VALVE (PORV)	(07) Fluid-Operated Valves	RBDA	346	TOP OF PRESSURIZER	223	Y	RCPC			
RC-V-0002	PORV BLOCK VALVE	(8A) Motor Operated Valves	RB	346	TOP OF PZR	223	Y	RCIC			

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ID	DESCRIPTION	CLASS	BUILDING	ELEV.	LOCATION	SYSTEM	Seismic Cat 1?	Safety Function(s) (Note 1)	New or Replace ?	IPEEE Enhance-ment?	Comments
RR-P-0001B	RB EMERG COOL RIVER WTR 'B' PUMP	(06) Vertical Pumps	IPH	308	PUMP ROOM 'B' S	534	Y	UHS			
RR-S-0001B	RB EMERG CLNG RIVER WTR 'B' STRAINER	(0) Other	IPH	308	SOUTH BAY ISPH	533	Y	UHS			
RR-S-1B	RR-S-1B CONTROL PANEL	(20) Instrumentation and Control Panels and Cabinets	IPH	305	RIVER WATER PUMP ROOM 'B' SOUTH CUBICLE	534	Y	UHS			
RR-V-0003A	CONTAINMENT ISOL RBEC COIL 'A' INLET VLV.	(8A) Motor Operated Valves	IB	295	W OF STAIRWELL	534	Y	CF			
RR-V-0005	RR-V-6 RB COOL COIL DISCH BYPASS	(8A) Motor Operated Valves	IB	295	W OF STAIRWELL	534	Y	CF			
RR-V-0006	RB EMERG. COOL COIL BACK PRESSURE REGULATOR	(07) Fluid-Operated Valves	IB	295	W OF STAIRWELL	534	Y	CF			
TRB	120V REG AC INSTR. POWER TRB	(14) Distribution Panels	CB	322	INVERTER RM 1B	735	Y	SSDC			
VBD	120V VITAL INST DIST PANEL 1D	(14) Distribution Panels	CB	322	INVERTER ROOM 1B	735	Y	SSDC			
XCLA	XCLA RELAY PANEL	(20) Instrumentation and Control Panels and Cabinets	CB	338-6	RELAY ROOM, SOUTH OF CRD CONTROL CABINETS	612	Y	ESFAS			

Notes:

1) Refer to section 4.2.1 item #3 of the Report for a description of Safety Functions.

Table B-4. SWEL 2

ID	DESCRIPTION	CLASS	LOCATION	LOCATION CODE	SYSTEM	Seismic Cat 1?	Associated with Rapid Draindown ?	Q List Comment
SF-P-1B-BK	1B ES MCC UNIT 6A	(01) Motor Control Centers	CONTROL TWR 322: 1S SWGR ROOM	1CB322200	733	Y	N	QCL RPT: 1-733-0013 REV: 0 11/18/92 PROVIDES POWER DISTRIBUTION AND/OR CIRCUIT ISOLATION/PROTECTION FOR A LOAD POWERED FROM AN NSR ENGINEERED SAFEGUARDS MCC (1B-480V-ES)
SF-P-1B	"B" SPENT FUEL COOLING PUMP	(05) Horizontal Pumps	305' FUEL BLDG IN SF COOLER ROOM	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-5	SF-P1B SUCT ISOL VLV FROM A SF POOL	(07)Pneumatic Operated Valves	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-4	SF-P1B SUCT ISOL VLV FROM B SF POOL	(07)Pneumatic Operated Valves	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-6	SF-P1B SUCT ISOL VLV FROM FTC	(07)Pneumatic Operated Valves	SPENT FUEL COOLING PUMP ROOM ON WEST WALL AT THE B PUMP	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-16	SF-P1B DISCH ISOL VALVE TO FTC	(07)Pneumatic Operated Valves	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-15	SF-P1B DISCH ISOL VLV TO A SF POOL	(07)Pneumatic Operated Valves	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-14	SF-P1B DISCH ISOL VLV TO B SF POOL	(07)Pneumatic Operated Valves	SF COOLING PUMP ROOM ABOVE THE B COOLER	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF9-DPT-2	A SF POOL COOLING WATER FLOW XMTR	(18) Instruments on Racks	AB 281 NEUT TANK ROOM SW CORNER OF ROOM ON S WALL 5 ABOVE FLOOR	1FB281015	251	Y	N	QCL RPT: 1-251-0078 REV: 0 10/28/85 TO MEASURE DIFFERENTIAL PRESSURE ON SF-C1B OUTLET TO SFP A MAINTAIN PRESSURE BOUNDARY

ID	DESCRIPTION	CLASS	LOCATION	LOCATION CODE	SYSTEM	Seismic Cat 1?	Associated with Rapid Draindown ?	Q List Comment
SF9-DPT-1	B SF POOL COOLING WATER FLOW XMTR	(18) Instruments on Racks	AB 281 NEUT TANK ROOM SW CORNER OF ROOM ON S WALL 5 ABOVE FLOOR	1FB281015	251	Y	N	QCL RPT: 1-251-0078 REV: 0 10/28/85 TO MEASURE DIFFERENTIAL PRESSURE ON SF-C1A TO SFP B MAINTAIN PRESSURE BOUNDARY
SF2-DPT	SF-P-2 FLOW TRANSMITTER	(18) Instruments on Racks	281' FUEL BLDG BY SF-P-2	1FB281010	251	Y	N	QCL RPT: 1-251-0078 REV: 0 10/28/85 TO MEASURE DIFFERENTIAL PRESSURE ON SF-P2 DISCHARGE
SF-C-1B	B SPENT FUEL COOLER	(21) Tanks and Heat Exchangers	305' FUEL BLDG IN SF COOLER ROOM	1FB305115	251	Y	N	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-48	A SF POOL SIPHON BREAKER ISOL VALVE	(0) Other	SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300	251	Y	Y	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-37	SF-P2 SUCTION VALVE FROM FUEL POOL A & B	(0) Other	FUEL BLDG 281 N OF ELEVATOR ON WEST WALL NORTH OF SF-P-2	1FB281010	251	Y	Y	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.
SF-V-38	A SF POOL DRAIN ISOL VALVE	(0) Other	SF POOL 3RD FLOOR NORTH END WEST OF POOL	1FB348300	251	Y	Y	QCL RPT: 1-251-1000 REV: 0 06/16/98 THE SPENT FUEL COOLING SYSTEM IS FOR THE REMOVAL OF DECAY HEAT FROM THE SPENT FUEL STORED IN THE POOLS IT SERVES AND MAINTAINING CLARITY OF AND LOW ACTIVITY LEVEL IN THE WATER IN THE POOLS.