

ATTACHMENT (1)

SEISMIC WALKDOWN REPORT

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table Of Contents

List of Tables	ii
Executive Summary	iii
1 Introduction	1-1
1.1 Background.....	1-1
1.2 Plant Overview	1-1
1.3 Approach	1-1
2 Seismic Licensing Basis	2-1
2.1 Overview	2-1
2.2 Seismic Design	2-1
3 Personnel Qualifications.....	3-1
3.1 Overview	3-1
3.2 Walkdown Personnel	3-1
3.3 Equipment Selection Personnel	3-2
3.4 Licensing Basis Reviewers	3-2
3.5 Seismic Walkdown Engineers	3-3
3.6 Peer Review Team.....	3-3
3.7 Additional Personnel	3-3
4 Selection of SSCs.....	4-1
4.1 Overview	4-1
4.2 SWEL Development.....	4-1
5 Seismic Walkdowns and Area Walk-Bys	5-1
5.1 Overview	5-1
5.2 Seismic Walkdowns	5-1
5.3 Area Walk-Bys	5-2
5.4 Supplemental Information On Electrical Cabinet Internal Inspections	5-2
6 Licensing Basis Evaluations	6-1
7 IPEEE Vulnerabilities Resolution Report.....	7-1
8 Peer Review.....	8-1
8.1 Introduction	8-1
8.2 Peer Review - Selection of SSCs.....	8-2
8.3 Review of Sample Seismic Walkdown & Area Walk-Bys Checklists	8-4
8.4 Review of Licensing Basis Assessments	8-6
8.5 Review Final Submittal Report & Sign-off.....	8-6
9 References.....	9-1
A Project Personnel Resumes and SWE Certificates.....	1

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

List of Tables

Attachment 1

Table 3-1: Personnel Included in NTTF 2.3

Table 4-1: Calvert Cliffs Unit 2 SWEL1 Selection Count by Class

Table 4-2: Calvert Cliffs Unit 2 SWEL1 Selection Count by Safety Function Supported

Table 5-1: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Equipment Identified During Walkdowns

Table 5-2: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Area Walk-bys Identified During Walkdowns

Table 8-1: SWC Samples from Seismic Walkdown Inspection for CCNPP Unit 2

Table 8-2: AWC Samples from Seismic Walkdown Inspection for CCNPP Unit 2

Attachment 2

Table B-1: Base Equipment After Screen 3

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

Attachment 3

Table C-1: Seismic Walkdown Checklists

Attachment 4

Table D-1: Area Walk-By Checklists

Attachment 5

Table E-1: Summary of Inaccessible Equipment

Table E-2: Summary of Equipment Subject to Supplemental Internal Inspection

Table E-3: Summary of Inaccessible Equipment

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

Executive Summary

This report documents the seismic walkdowns performed at Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 2 in response 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 Reference 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 [Reference 1]. Calvert Cliffs Nuclear Power Plant has committed to using this NRC-endorsed guidance as the basis for these walkdowns and this report.

EPRI Technical Report 1025286 was used to perform the engineering walkdowns and evaluations described in this report. In accordance with EPRI Technical Report 1025286, 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 for CCNPP Unit 2 is briefly described in Section 2 of this report. Detailed information regarding site seismology and seismic design of systems, structures, and components (SSC) is discussed in UFSAR Chapters 2 and 5 respectively [Reference 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 EPRI Technical Report 1025286 [Reference 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,

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- 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 EPRI Technical Report 1025286, Section 3: Selection of SSCs [Reference 1]. In general, 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. Cable/conduit raceways and HVAC ductwork, although not included as “equipment” in the SWEL, were reviewed during area walk-bys of the spaces containing items on the SWEL.

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

There were no SWEL 2 items (the fuel pool is common to both Unit 1 and 2 and was covered in the Unit 1 report).

For CCNPP Unit 2, the SWEL is comprised of:

- SWEL 1 resulted with 111 items for walkdown.

Seismic Walkdowns and Area Walk-Bys

Section 5 of this report documents the equipment Seismic Walkdowns and the Area Walk-Bys. The online seismic walkdowns for CCNPP Unit 2 were performed during the weeks of August 6 and August 17, 2012. The walkdown team consisted of 2 Seismic Walkdown Engineers (SWE) and the station Site Lead, who holds an active SRO license, or a Design Engineer.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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)

Area Walk-Bys were conducted in each area of the plant that contained an item on the SWEL. 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 tray)
- Potential adverse interactions that could cause flooding/spray and fire in the area
- Other housekeeping items, including temporary installations

The seismic walkdown team walked down 101 of the 111 components on the SWEL. Walkdowns for 10 components were deferred due to accessibility issues such as being located in containment or energized equipment. For CCNPP Unit 2, anchorage verification was required for minimum of 35 components to meet the 50% verification requirements of EPRI Technical Report 1025286 [Reference 1]. A total of 47 anchorage configurations were confirmed to be installed in accordance with the station documentation. The 10 remaining Unit 2 items will be walked down during a unit outage or another time when the equipment is accessible, as appropriate.

As outlined in Attachment 5, Table E-2, 9 electrical cabinets may require internal inspection for other adverse seismic conditions. Follow-up internal inspections of these electrical cabinets may result due to the NRC staff formulating a position that all electrical cabinets included on the SWEL should generally be opened during the seismic walkdowns. The industry was made aware of the NRC staff position on opening electrical cabinets after the online seismic walkdowns were completed. Follow-up inspections of the electrical cabinets will be completed, as required, during a unit outage or another time when the equipment is accessible. In addition, Table E-3 lists nine (9) equipment items that were not opened during the walkdowns and do not have maintenance scheduled. To remove these from service an entire safety related bus must be de-energized, which puts the plant at significant risk. It is unsafe to open these while they are in service. Table E-3 also specifies the impact to the SWCs of not opening each of these items for inspection.

During the walkdowns of CCNPP Unit 2, there were no adverse seismic conditions identified. Condition Reports (CRs) were issued to address conditions, such as corrosion, cracks in grout pads, documentation deficiencies, and seismic housekeeping issues. These issues were identified in the Seismic Walkdown Checklists (SWC) and Area Walk-by Checklist (AWC) that are included in this report and addressed through the station's Corrective Action Program (CAP). Further, as described below in the discussion of

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

Seismic Licensing Basis Evaluations, these conditions were entered into the station's Corrective Action Program to be addressed. Seismic housekeeping issues were found to be the most common.

SWCs and AWCs were completed for all components that were walked down. SWCs for deferred items and their associated AWCs will be completed at the time of the follow up walkdowns and a revision to the submittal report will be issued within 3 months after the unit outage. Any SWCs or AWCs that need to be revised as a result of the deferred inspections will be updated and re-submitted in the submittal report.

Seismic Licensing Basis Evaluations

EPRI Technical Report 1025286, 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 during the equipment Seismic Walkdowns or Area Walk-Bys. 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. Further, the process directs that if a condition cannot be readily shown to meet the seismic licensing basis, then the identified condition should be entered into the station's CAP where it will be determined that the condition does or does not meet the seismic licensing basis.

All questionable conditions identified by the SWEs during the equipment Seismic Walkdowns or Area Walk-Bys were entered into the station CAP to be further evaluated and addressed as required. Tables 5-2 and 5-3 at the end of Section 5 of this report provide a summary of the conditions identified during the Seismic Walkdowns and Area Walk-Bys.

IPEEE Vulnerabilities

The IPEEE submittal for CCNPP did not identify any seismic vulnerabilities.

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 EPRI Technical Report 1025286. 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 the Peer Review summary report. The Peer Review determined that the objectives and requirements of the 50.54(f) letter are met. Further, the efforts completed and documented within this report are in accordance with EPRI Technical Report 1025286.

Summary

In summary, seismic walkdowns have been completed at the CCNPP Unit 2 in accordance with the NRC-endorsed walkdown methodology. All potentially degraded, nonconforming, or unanalyzed conditions

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

identified as a result of the seismic walkdowns have been entered into the corrective action program to be addressed. Deferred walkdown items and expected completions dates are outlined in Attachment 5

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

1

Introduction

1.1 BACKGROUND

In response to Near-Term Task Force (NTTF) Recommendation 2.3, the Nuclear Regulatory Commission (NRC) issued a 10CFR50.54(f) letter on March 12, 2012 requesting that all licensees perform seismic walkdowns to identify and address plant degraded, non-conforming, or unanalyzed conditions, with respect to the current seismic licensing basis. The Nuclear Energy Institute (NEI), through the Electric Power Research Institute (EPRI), prepared industry guidance to assist licensees in responding to this NRC request. The industry guidance document, EPRI Technical Report 1025286, Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic, dated June 2012 [Reference 1], was endorsed by the NRC on May 31, 2012. Calvert Cliffs Nuclear Power Plant has committed to using this NRC-endorsed guidance as the basis for these walkdowns and this report.

1.2 PLANT OVERVIEW

Calvert Cliffs Nuclear Power Plant has two Combustion Engineering Generation II two-loop pressurized water reactors, and is located on the western shore of Chesapeake Bay near Lusby, Calvert County, Maryland. Each unit produces approximately 850 megawatt electricity. Unit 1 uses a General Electric designed main turbine and generator, while Unit 2 uses a Westinghouse designed main turbine and generator. Unit 1 went into commercial service in 1975 and Unit 2 in 1977.

1.3 APPROACH

The EPRI Seismic Walkdown Guidance [Reference 1] is used for the CCNPP Unit 2 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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

2

Seismic Licensing Basis

2.1 OVERVIEW

This section of the report summarizes the seismic licensing basis for the Calvert Cliffs Nuclear Power Station Unit 2. The Seismic Licensing basis is defined in Chapter 2 and Chapter 5 the Calvert Cliff UFSAR [Reference 2] and is presented below.

2.2 SEISMIC DESIGN

The Seismic Licensing basis is defined in Chapter 2 and Chapter 5 the Calvert Cliff UFSAR.

Design Response Spectra and Spectrum Derivation

The Ground Response Spectra (GRS) conform to the average spectra developed by Dr. G. W. Housner for the frequency range higher than about 0.33 CPS. The spectra are based on a later revision by Dr. Housner, presented for the H. B. Robinson Nuclear Power Plant of Carolina Power and Light Company. The spectra for frequencies lower than about 0.33 CPS were prepared utilizing data suggested by Dr. N. M. Newmark.

The spectra have been normalized to a horizontal ground acceleration of 8% of gravity for the OBE and 15% of gravity for the SSE. The Floor Response Spectra (FRS) indicates the estimated response of a structure subjected to GRS. The FRS are presented over a range of frequencies corresponding to the natural frequencies of the various structural elements and represent the maximum amplitude of motion in the various elements of the structure for typical degrees of damping.

Critical Damping Values

Seismic analysis is performed using total system damping characterized by modal damping. The modal damping value is calculated as a ratio of the sum of the energy dissipated in each component element (based upon the assigned damping ratio of each element) to the total available modal energy.

In determining the modal damping ratios, component damping values consistent with the stress intensities are used. For example, component damping for welded structural steel is assigned a value of 2 percent for OBE and 2 percent for SSE.

- Structures - The damping ratios are defined in Tables 5A-8 and 5A-9 of the UFSAR, [Reference 2] for various structure types. For the 1A Diesel Generator Structures, the damping ratios are defined in Table 5-9 of the UFSAR.
- Equipment - The percentages of critical damping values assigned to Category I systems and components are defined in Tables 5A-8 and 5A-9 of the UFSAR, [Reference 2] for various structure types. For the 1A Diesel Generator systems and components, the damping ratios are defined in Table 5-9 of the UFSAR.
- Piping - The percentage of critical damping values used for the analysis of all piping are defined in Tables 5A-8 and 5A-9 of the UFSAR, [Reference 2] for various structure types. For the 1A

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

Diesel Generator systems and components, the damping ratios are defined in Table 5-9 of the UFSAR.

Support Media for Category I Structures

The foundations of the major plant structures are established on the Miocene sandy and clay silts of the Chesapeake Group. These soils are apparently pre-consolidated as a result of deposition and subsequent erosion of younger sediments, as well as desiccation and increase in effective pressure caused by lowering of the water table. Some appurtenant structures at the site are founded in the surficial Pleistocene Silt and sand which overlies the Miocene sediments. [UFSAR Chap 2, 2.6.5.1]

Components of Earthquake Motion

Floor response-spectrum (RS) curves utilized in the seismic analysis of Category I structures at Calvert Cliffs Nuclear Power Plant were constructed using time-history analysis. The evaluation of equipment and piping systems used the RS curves as input. The 1940 El Centro earthquake in California was utilized to generate the response-spectrum curves. Horizontal (East-West) components were scaled down to the 8% gravity maximum acceleration specified for the OBE. The vertical spectrum response component was scaled down to the 5.3% gravity maximum acceleration specified for the OBE.

Combination of Responses

For qualification of Category I equipment for either the OBE or SSE, one horizontal direction is considered to act concurrently with the vertical direction. The seismic levels established for the SSE reflect uncertainties in the historic data and provide an appropriate margin of safety for withstanding stresses greater than those recorded.

Design Criteria for SC-1 Equipment

Seismic Category I systems and equipment, including pipe, are designed to meet the load combinations and stresses as stated in Table 4-8 in [Reference 2] for Nuclear Class 1, and Table 5A-6 for Nuclear Class 2, Class 3, and non-class components. Seismic Category I systems and equipment are bolted down rigidly to supports or braced (as in the case of cable tray supports) to resist seismic and tornado forces. The NSSS contractor designs are based on the criteria outlined in Sections 5.1.1 and 5.1.2.3 in [Reference 2]. There are no significant gaps between the equipment and their supports or restraints. Any small gap will not cause significant impact forces on the equipment, restraints or the structures. Therefore, small gaps between the equipment and supports or restraints are not significant in the consideration of the seismic analysis.

Category II structures are designed in accordance with design methods of accepted codes and standards insofar as they are applicable. Wind design (25 psf zone) is in accordance with the Uniform Building Code, with a one third increase in the allowable stresses. Seismic design is in accordance with the Uniform Building Code. Seismic forces are based on Seismic Zone 3 multiplied by a ratio of 0.08/0.30. A one-third increase in allowable stresses is not allowed. Category II systems and equipment are designed in accordance with design methods of accepted codes and standards. Wind loads (25 psf zone) and seismic loads, where applicable, conform to the requirements of the Uniform Building Code as stated in Section 5A.3.3.1 in [Reference 2].

Typical Seismic Category I Structures:

- Containment structure shell
- The Auxiliary Building below Elevation 69'0"

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- Enclosures for the critical service water pumps, critical saltwater pumps, and auxiliary feedwater pumps and for auxiliary feedwater valves and piping header in the tank farm
- Foundations for Category I system components

Typical Seismic Category I Equipment and Systems:

- Reactor vessel and internals including control rods and control rod drives
- Other primary coolant system components (steam generators, pressurizer, pumps, etc.) and piping, including vent and drain piping inside the Containment
- Containment penetrations up to and including the first isolation valve outside the Containment
- Atmospheric dump and main steam safety valves and associated piping from main steam headers
- Penetration room ventilation ducting
- Spent fuel storage racks
- Auxiliary feedwater pump, condensate storage tank, and associated piping
- Main emergency generator including fuel supply
- Control boards, switchgear, load centers, batteries, and cable runs serving Category I equipment
- Unit 1 and 2 cable spreading room cable tray support systems are qualified by analysis and tests per Section 5A.3.1.5.11 and IEEE 344 1971/Later
- Critical Service Water System
- Critical Saltwater System
- Containment Spray System, including refueling water tank
- Containment structure air cooling system
- Low-Pressure Safety Injection and Shutdown Cooling System
- High-Pressure Safety Injection System
- Chemical and Volume Control System
- Safety injection tanks and piping
- Spent fuel pool purification system
- All equipment in the radioactive waste processing systems except the reactor coolant and miscellaneous waste evaporators and the portable radioactive waste processing skid.

Category II structures, systems, and equipment are those whose failure would not result in the release of radioactivity and would not prevent reactor shutdown. The failure of Category II structures, systems, and equipment may interrupt power generation.

All Category II structures are located at a sufficient distance away from Category I structures such that the failure or excessive movement of Category II structures will not cause the failure of the Seismic Category I structures.

Seismic Verification of Equipment

In addition to existing methods, the Unresolved Safety Issue (USI) A-46 methodology may be used as an alternate method for verifying the seismic adequacy of mechanical and electrical equipment where

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

required. New and replacement equipment, as well as equipment that has been walked down according to the Generic Implementation Procedure [Reference 12] can be qualified under the A-46 methodology. The A-46 methodology applies to all 20 classes of equipment, tanks and heat exchangers, and cable and conduit raceways covered by the Generic Implementation Procedure, except for the following:

1. Auxiliary Feedwater Actuation System
2. Portions of the Engineered Safety Features Actuation System installed per Facility Change Request 87-0087
3. Regulatory Guide 1.97 Category I (PAMI) Instrumentation
4. All safety-related items/equipment for EDG No. 1A and its associated building.

In the case of tanks and heat exchangers, the A-46 methodology may be used only for existing tanks and heat exchangers, not for new installations.

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

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 Seismic Walkdown Guidance [Reference 1]. Resumes provided in Appendix A provide detail on each person's qualifications for his or her role.

3.2 WALKDOWN 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 Included in NTTF 2.3

Personnel	Role	Equipment Selection Personnel	Plant Operations Personnel	Seismic Walkdown Engineer	Licensing Basis Reviewer	IPEEE Reviewer	Peer Reviewer
Mr. Robert Pace (Site Lead and SRO)		X	X				
Ms. Amy Corder (Operations SRO):		X	X				
Mr. John Koelbel (PRA Engineer)		X				X	
Mr. Joseph Crunkleton (Civil Design Engineer)					X		
Mr. Apostolos Karavoussianis				X	X		
Mr. Cory Figliolini				X			
Mr. Todd Bacon							X
Mr. Walter Djordjevic							X ^(Note 1)
Mr. Antonio Perez							X ^(Note 2)

Notes:

- 1) Peer Review Team Leader
- 2) SWEL Development Peer Review Only

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

3.3 EQUIPMENT SELECTION PERSONNEL

Design Engineering: Calvert Cliffs Nuclear Power Plant

Mr. J. Crunkleton participated in the initial SWEL development and seismic walkdowns at CCNPP.

Mr. Crunkleton has worked at the Calvert Cliffs Nuclear Power Plant for 20 years. A majority of his tenure included working in the Mechanical and Civil Engineering Unit. Mr. Crunkleton supports major modifications as well as day to day plant support. SQUG Walkdown Screening and Seismic Evaluation Training was completed in 2007. Training on Near Term Task Force Recommendation 2.3 – Plant Seismic Walkdown was completed in 2012.

Mr. Crunkleton has professional experience in the following areas: Structural Engineering, Seismic Engineering, Construction, Pipe Stress / Pipe Support Analysis, Load Handling / Rigging, Scaffolding / Radiation Shielding Design. Mr. Crunkleton has a BS degree in Microbiology and a BS in Aerospace Engineering.

Mr. Crunkleton is a member of the American Society of Mechanical Engineers

Operations: Calvert Cliffs Nuclear Power Plant

Mr. R. Pace participated in the initial SWEL development and seismic walkdowns at CCNPP.

Mr. Pace is a current SRO License holder with over 31 years experience at Calvert Cliffs Nuclear Power Plant. During SWEL development he was the Site Lead for all NTFI initiatives. Mr. Pace is a qualified Shift Manager, Technical Support Center Manager and currently holds the management position of General Supervisor-Operations Training.

Ms. A. Corder participated in the initial SWEL development.

Ms. Corder is a current SRO License holder with over 11 years experience at Calvert Cliffs Nuclear Power Plant. Ms. Corder is currently an active on shift Operations Department SRO. She is also a qualified Shift Technical Advisor. Prior to moving to the Operations department Ms. Corder was a qualified mechanical design engineer and design engineer reviewer in the Calvert Cliffs Design Engineering Department. Ms. Corder has a BS degree in Mechanical Engineering and an MBA.

PRA/IPEEE Engineer: Calvert Cliffs Nuclear Power Plant

Mr. J. Koelbel participated in the initial SWEL development, identifying IPEEE vulnerabilities and PRA significance of selected components.

Mr. Koelbel has over 23 years experience at Calvert Cliffs Nuclear Power Plant. As a PRA engineer for 18 years he is intimately familiar with the Calvert Cliffs Nuclear Power Plant. He has been involved in numerous initiatives including IPEEE, EOOS implementation and NFPA 805.

Prior to joining the PRA group he was the NPRDS coordinator for Calvert Cliffs Nuclear Power Plant. Mr. Koelbel has a BS degree Mechanical Engineering.

3.4 LICENSING BASIS REVIEWERS

Mr. Crunkleton and Mr. Karavoussianis participated in the licensing basis reviews. See section 3.3 and 3.5, respectively, for their credentials.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

3.5 SEISMIC WALKDOWN ENGINEERS

The seismic walkdown team (SWT) consisted of a seismic capability engineer (SCE) and a seismic walkdown engineer (SWE) from Stevenson and Associates (S&A). S&A is recognized internationally as a leading seismic consultant to the nuclear industry and as a regular contributor to the advancement of earthquake engineering knowledge through funded research projects. The professional staff has expertise and capabilities in earthquake engineering, structural dynamics, and structural design. S&A has performed seismic evaluations of US nuclear power plants, using either Seismic PRA or Seismic Margin Assessment, to address USNRC Individual Plant Evaluation for External Events (IPEEE) for over 35 US and European plants. S&A conducted seismic PRA analyses for all of the US Army depots that are demilitarizing their stores of nerve gas ordnance.

The SWT for CCNPP Unit 2 consisted of Apostolos Karavoussianis and Cory Figliolini of S&A. Mr. Robert Pace led the support from CEG for walkdowns as well as the interface with plant operators. Other CEG professional staff, such as but not limited to, Emran Hussain and Joseph Crunkleton provided support and guidance.

Apostolos Karavoussianis: Mr. Karavoussianis is a senior consultant in the S&A Phoenix office. He has performed seismic walkdowns of structures and components at numerous facilities for the GIP A-46 and IPEEE programs. He has prepared, reviewed and approved seismic evaluations for electrical and mechanical equipment. Mr. Karavoussianis is a qualified Seismic Capable Engineer (SCE).

Cory Figliolini: Mr. Figliolini is an Engineer in the S&A Phoenix office. He has planned and performed seismic walkdowns and fragility analyses of structures and components for use in probabilistic risk assessments. Mr. Figliolini has conducted seismic analyses of electrical and mechanical equipment anchorages, storage tanks, and civil structures. Mr. Figliolini has a Master of Engineering in Structural Engineering from the Universities of Glasgow and Edinburgh and a Bachelors of Science in Civil Engineering from Worcester Polytechnic Institute. He is registered as an E.I.T. in Massachusetts. Mr. Figliolini has completed the 5-day SQUG training course.

Résumés and Certification are provided in Appendix A

3.6 PEER REVIEW TEAM

The peer reviewers for the Calvert Cliffs Nuclear Power Plant, Unit 2, are Messrs. Walter Djordjevic, Todd Bacon, and Antonio Perez of S&A. Mr. Djordjevic is the designated the Peer Review Team Leader. Neither of them is involved in the seismic walkdown inspection process so that they can maintain their independence from the project. Mr. Djordjevic is an advanced degree structural engineer and has over thirty years of nuclear seismic experience and has been trained as a Seismic Capability Engineer (EPRI SQUG training), EPRI IPEEE Add-on, Seismic Fragility and Seismic Walkdown Engineer (SWE). Mr. Bacon is a civil engineer with over thirty years of experience. He has been also trained to the EPRI Seismic Walkdown Engineer (SWE) training. Mr. Perez is a mechanical engineer with 15 years of experience and a trainee in a 9-month Senior Reactor Operator Certificate training program. Résumés are provided in Appendix A. Mr. Djordjevic led the seismic peer review activities and Mr. Perez led the SWEL selection peer review. Mr. Djordjevic, as peer review team leader, participated in all phases of the peer review.

3.7 ADDITIONAL PERSONNEL

As necessary, Mr. Crunkleton, Mr. Pace, Ms. Corder, and Mr. Koelbel coordinated additional activities and support personnel at the Calvert Cliffs Nuclear Power Plant, Unit 2.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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 in the Seismic Walkdown Equipment List (SWEL). The actual equipment lists that were developed in this process are found in Attachment 2 and are as follows:

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 [Reference 1], was utilized to develop the SWEL for Calvert Cliffs Nuclear Power Plant.

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 CCNPP Units 1 and 2 have a common fuel pool, and as a result SWEL 2 is included in the Unit 1 Report.

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

The Seismic Walkdown Equipment List is comprised of a sample of Seismic Category I equipment, and was generated based on EPRI 1025286, *Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic* [Reference 1]. The list is divided into two parts, SWEL 1 and SWEL 2. SWEL 1 contains equipment required for the four safe shutdown functions (reactor reactivity control, reactor coolant pressure control, reactor inventory control, and decay heat removal) as well as containment functions. SWEL 2 contains equipment required to maintain spent fuel pool (SFP) integrity, as well as any items identified as having the potential to rapidly drain the SFP. Five selection attributes were used to select the sample items:

- A variety of systems
- Major new or replacement equipment
- A variety of equipment types
- A variety of environments
- Equipment enhanced due to vulnerabilities identified during the IPEEE program (SWEL 1 only)

Development of Seismic Walkdown Equipment List 1 (SWEL1) as outlined on EPRI 1025286 is described below. It was noted that a potential starting point could be SSEL developed for USI A-46 or the IPEEE walk down lists. These are potential starting points only as described in Section 3, Screen 3 of the EPRI guide, but not the required starting point. After a thorough review of the available electronic data CCNPP determined a more effective approach was to use the Master Equipment Lists (MEL), which was used for license renewal, and screen it per the guidance provided by EPRI.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

The Unit 2 Base List 1 which was the starting point for the Unit 2 SWEL 1 is included in Attachment 2.

1. Screen #1 – Seismic Category 1

Seismic Category I equipment at CCNPP is classified by a series of codes in the Fleet Configuration Management System (FCMS). This database contains the applicable equipment identifications and attributes for all equipment installed at CCNPP. These classifications are controlled by a design engineering procedure ES-011, SSC classifications. Based on this a sort, which was created for the license renewal project, over 96,000 components were filtered using the applicable Seismic Category attributes (CAT1, 1E, PAM 1, PAM 2, PB, Q) and SRQ attribute which captured those items with augmented quality. This filter removed the non safety and non seismic components from the list leaving 28,442 components. This represents Base List 1 (BL1) for CCNPP, Units 1, 2 & Common, or Category 1 SSC's as shown as screen 1 on Figure 1-1 of EPRI 1025286.

2. Screen #2 – Equipment or Systems

The second filter removed Seismic Category 1 piping systems and structures as well as NSSS components and their supports. This screen also removed Containment penetrations. Items screened include the following:

PIPE – manual valves, check valves, expansion joints, strainers, flow elements, filters, rupture discs, are considered passive and part of the piping system pressure boundary.

NSSS – as stated in EPRI 1025286 “The major pieces of equipment in the Nuclear Steam Supply System (NSSS) that are located inside the containment are excluded from the scope of this program. Also excluded are the supports for this equipment along with all the components mounted in or on this NSSS equipment.”

This left 12,168 components after Screen 2 on Figure 1-1 of EPRI 1025286 (Unit 1, 2 and Common); of these 5593 were specific to Unit 2.

At this point the screening team convened and reviewed the screening steps to date. The Operations SRO's and civil engineer, using a plant elevation and room/area approach, then picked items to be placed on the SWEL 1 list. During this evolution various environments were selected and items in the Containment were added to the list. Operations also identified the need to add 2 additional systems and delete 6 systems from the original list. The Baseline list was updated accordingly. The pre job brief identified the need to identify components across various equipment classes as well as equipment related to the 5 Safety Functions and their support systems. Once the initial pass was completed by Operations, the PRA engineer then compared the list to the top 50 PRA significant cutsets. Based on this review additional components were selected. These changes were done in collaboration with the Operations SRO's.

3. Screen #3 – Support for the 5 Safety Functions

The third screen was then applied to insure the components selected, based on Operations SRO input, were identified as SSC's required to perform or support the 5 Safety Functions or were support systems as outlined in Appendix E, Table B1 and B3 of EPRI 1025286. This data was then captured in SWEL 1, Column “Safety Function Supported”. Items that did not meet these criteria were removed from the list. The five Safety Functions are:

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- a. Reactor Reactivity Control: this function is fail-safe and reliable and the reactor and control element assemblies are part of the NSSS inside the primary containment. The scram input signals and scram solenoids are considered.
- b. Reactor Pressure Control: these components (SRVs and ERVs) are NSSS components located inside primary containment. They are also considered reliable and seismically rugged. Although the safety valve function protects the reactor and is not dependent on signals, the pressure input signals required for ERV response is considered.
- c. Reactor Inventory Control: core spray system is most important with ERVs for emergency depressurization. The ERVs however are considered NSSS inside the primary containment.
- d. Decay Heat Removal: containment spray is most important.
- e. Containment Function: the containment and containment penetrations are not in the scope and are considered seismically rugged.

The system, location, safety function and equipment class distribution tables were then generated to insure compliance with EPRI 1025286. The PRA engineer then reviewed the equipment selected and identified which equipment was PRA significant. This is shown in **Error! Reference source not found.** column "PRA Significant".

4. Screen #4 – Sample Considerations

To apply Screen 4 the IPEEE report was reviewed as well as the associated UFSAR section.

- a. Types of Systems: equipment was selected to cover the 5 Safety Functions and associated system, including support systems. This includes front-line systems and support systems including AC, DC, service water and room cooling.
- b. Major New/Replacement: the following summarizes new/replacements since the IPEEE
 - There was no physical plant modifications directly associated with the IPEEE performed at CCNPP. An additional electronic search was made to identify any modifications to the selected equipment. Very few modifications were identified related to this equipment that would have affected their seismic capability. The items that were modified or replaced that are identified on the SWEL list include only those modifications that may have affected the seismic capability of the component.
- c. Equipment Types: The number of components for each equipment type was determined such that it could be assured that selections included each type and the number of selections considered the total population count for each type. Table 4-1 documents the selection of equipment class distribution.
- d. Environments: Equipment located in diverse areas of the plant [Auxiliary Building, Intake Structure, Containment, Turbine Building, EDG, etc.] were selected to ensure that different operating environments are considered.
- e. IPEEE Enhancements: the following summarizes enhancements and selections:

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- During this review the PRA engineer identified that additional fragility calculations resulted on some selected components. These are shown in figure 3.2-1 (Excerpt from IPEEE report RAN 97-031).

At the completion of the selection of the SWEL 1 lists a review was conducted to determine those candidates for inclusion into the 50% anchorage verification. This was accomplished by determining which items had anchorage rather than being part of another component or system. For example in-line MOV's, AOV's, and dampers were removed from the possible list of items for anchorage verification because they are anchored to the structures through their parent components.

During the course of the walkdown, the SWEL was updated to swap three components located in adverse environmental conditions for comparable equipment in benign environments. Two components, 2FT331 and 2FT332, were in contaminated areas and were replaced with non-contaminated area components 2FT321 and 2FT322. A third component, 1CV4043, was located in a high heat area considered to be a personnel hazard and was replaced with 1CV4048 located in a cooler area. These changes were like-for-like and were performed in accordance with the selection criteria herein. Two components on the SWEL, 2COMPSWAC22A and 2COMPSWAC22B, shared a common anchorage and were considered the same item for the purpose of anchorage verification. To compensate for the consequential loss of an item off the SWEL, 2COMPSWAC21A and 2COMPSWAC21B were added during the walkdown. These components also shared a common anchorage and were considered the same item for the purpose of anchorage verification.

4.2.2 SWEL 2 – Spent Fuel Pool Related Items

Since the spent fuel pool is common between both Unit 1 and Unit 2 at Calvert Cliffs Nuclear Power Plant, the SWEL 2 development is documented in the Unit 1 report.

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table 4-1: Calvert Cliffs Unit 2 SWEL1 Selection Count by Class

Class	Type of Equipment	Number Selected for Walkdown	% of SWEL
0	Other	14	12.6%
1	Motor Control Centers and Wall Mounted Contactors	1	0.9%
2	Low Voltage Switchgear and Breaker Panels	3	2.7%
3	Medium Voltage, Metal Clad Switchgear	2	1.8%
4	Transformers	1	0.9%
5	Horizontal Pumps	10	9.0%
6	Vertical Pumps	2	1.8%
7	Pneumatic-Operated valves	15	13.5%
8	Motor Operated Valves and Solenoid Operated Valves	12	10.8%
9	Fans	6	5.4%
10	Air Handlers	5	4.5%
11	Chillers	0	N/A
12	Air Compressors	5	4.5%
13	Motor Generators	0	N/A
14	Distribution Panels and Automatic Transfer Switches	1	0.9%
15	Battery Racks	1	0.9%
16	Battery Chargers and Inverters	3	2.7%
17	Engine Generators	1	0.9%
18	Instrument Racks	2	1.8%
19	Temperature Sensors	0	N/A
20	Instrumentation and Control Panels	16	14.4%
21	Tanks and Heat Exchangers	11	9.9%
Total		111	

Table 4-2: Calvert Cliffs Unit 2 SWEL1 Selection Count by Safety Function Supported

1: Reactor Reactivity Control	2: Reactor Coolant Pressure Control	3: Reactor Coolant Inventory Control	4: Decay Heat Removal	5: Containment Function	Other: Support Systems
6	10	12	23	11	43

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

5

Seismic Walkdowns and Area Walk-Bys

5.1 OVERVIEW

Seismic Walkdowns and Area Walk-Bys were conducted by two-person teams of trained Seismic Walkdown Engineers in accordance with the EPRI Seismic Walkdown Guidance [Reference 1] during the weeks of August 6, 2012 and August 13, 2012. The Seismic Walkdowns and Area Walk-Bys are discussed in more detail in the following sections.

5.2 SEISMIC WALKDOWNS

The components included in the seismic walkdowns are shown on the CCNPP Unit 2 SWEL 1 in Attachment 2. A Seismic Walkdown Checklist (SWC) from Attachment 3 of Reference 1 was completed for each item on the SWEL. SWCs for the deferred items identified are not included in Attachment 4. The completed SWC for these items will be added at a later date (deferred items are discussed further below). Additionally, photos are included with most SWCs to provide a visual record of the walkdowns. Seismic walkdowns were completed for 101 of the 111 items on the CCNPP Unit 2 SWEL 1 with 10 items being deferred. Table E-1 in Attachment E includes the list deferred walkdown equipment items. As discussed in Section 5.4 there are 17 equipment items that will require supplemental internal inspection.

5.2.1 Anchorage Configuration Confirmation

As required by Reference 1 (page 4-3), 50% of the items were confirmed to have anchorage configurations consistent with plant documentation. The table of contents for Attachment 4 indicates the anchorage verification status for components as follows:

N/A: components that are line-mounted and/or are not anchored to the civil structure and therefore do not count in the anchorage confirmation total. It is noted that EPRI guidance document, Technical Report 1025286 [Reference 1] includes Question 6 on the SWC's which asks, "Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?" and only provides for a Yes, No or Unknown answer choice. The answer for question 6 is therefore given a "Yes" when the answers to questions 1 to 5 on the check list are "N/A".

Y: components that are anchored to the civil structure which were confirmed to be consistent with plant configuration documentation.

N: components for which anchorage drawings were not designated for retrieval because they were not included in the 50% sample or they did not have specific anchorage associated with them because they were in-line equipment items.

The approach taken was to have at least half of each equipment class where anchorage evaluations were applicable (eliminating line-mounted items that are N/A from the population). In general if there were an even number of items in an equipment class, half were included for anchorage configuration confirmation. When there was an odd amount of items for a given class, the number of anchorage

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

verifications to be conducted was rounded up. There were 70 equipment items in the SWEL-1 list that were in the population eligible for anchorage verification. Of these, 47 were chosen for anchorage verification.

5.2.2 *Issues Identification during Seismic Walkdowns*

None of the anomalies or issues identified by the SWEs during the equipment walkdowns was ultimately judged to be a "Potentially Adverse Seismic Condition" because in all cases it was concluded that the anomaly or issue would not prevent the equipment from performing its safety-related function during or after a seismic event. Table 5-1 presents a summary of all of the issues identified during the Seismic Walkdowns. These issues all occurred in SWEL-1 equipment items.

5.3 AREA WALK-BYS

In accordance with Reference 1, Area Walk-bys (AWC) were performed for each room or area within a large room (35 foot radius) which included one or more items on the SWEL. The table of contents in Attachment 5 provides a description of the area walk-by. All completed AWCs are included in Attachment 5 with attached photos. These include overhead areas and other equipment items not on the SWELs in the area. A total of 31 AWCs were completed for CCNPP Unit 2.

5.3.1 *Issue Identification during Area Walk-bys*

None of the anomalies or issues identified by the SWEs during the area walk-bys was ultimately judged to be a "Potentially Adverse Seismic Condition" because in all cases it was concluded that the anomaly or issue would not prevent the equipment from performing its safety-related function during or after a seismic event. Table 5-2 provides a summary of the issues identified in the Area Walk-bys.

5.4 SUPPLEMENTAL INFORMATION ON ELECTRICAL CABINET INTERNAL INSPECTIONS

Based on feedback from the NRC, all electrical cabinets included on the Seismic Walkdown Equipment List (SWEL) should generally be opened during the NTTF 2.3 seismic walkdowns. 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.

Walkdowns at CCNPP Unit 2 were completed prior to this NRC direction and cabinets with external anchorages were not opened. As allowed by the NRC Q&A document, internal inspection of these cabinets will be performed at a later date. Attachment 5 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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

14.	Distribution Panels and Automatic Transfer Switches
16.	Battery Chargers and Inverters
20.	Instrumentation and Control Panels

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 schedule for performing these internal inspections. Panels not meeting the requirements of readily accessible are shown as inaccessible on the SWC sheets in Attachment 4 and are not included on the list of equipment requiring additional inspection in Attachment 5, Table E-2. There are no components identified on Table E-2 that are also identified as outage (deferred) equipment items on Table E-1.

The SWCs for the components identified in Table E-2 that are to be opened for internal inspections will be revised at the time of the supplemental walkdown to indicate the results of these internal inspections and will be submitted with the updated report when all such deferred walkdowns are complete.

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table 5-1: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Equipment Identified During Walkdowns

No.	Item	Description	Action(s)	Resolutions
1	2BATT21	Information provided has not satisfied the information needed for the SWE to determine if we are in our designs configuration	CR-2012-009780 (Operable, but degraded or nonconforming)	Needs evaluation
2	2COMPSWAC21A, 2COMPSWAC21B	A nearby temporary floor mounted fan is not adequately seismically restrained and may fall on, and damage, gage and/or tubing.	CR-2012-008675 Relocate fan or seismically restrain it.	Fans relocated - No longer an issue
3	2ENGEDG2B	2N2B unit mounted on vibration isolators.	Need CR to investigate the seismic adequacy of this unit's anchorage	Need CR
4	2HS5204A	Complete drawing 91061 sheet 3. The anchorage is not consistent with drawing 91061 sheet 3.	CR-2012-009711 (Operable but degraded) RECO requested	Needs evaluation
5	2PCV3939A	Information provided has not satisfied the information needed for the SWE to determine if we are in our designs configuration	CR-2012-009779 (Operable, but degraded or nonconforming)	Needs evaluation
6	2PNL2C08	Used details that are not shown on drawing, but may be construed as equivalent. See as-built on Dwg G19925H004 Rev. 9	CR-2012-9752 (Operable)	Needs evaluation
7	2PO5430	Information provided has not satisfied the information needed for the SWE to determine if we are in our designs configuration	CR-2012-009778 (Operable, but degraded or nonconforming)	Needs evaluation
8	2PT5313A	Oxidation on bolts and corrosion on base plate. The left base plate is flaking. Also, channel is not fully welded between the base plate and its web.	CR-2012-009661 (Operable) CR-2012-010259	Needs evaluation

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table 5-1: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Equipment Identified During Walkdowns

No.	Item	Description	Action(s)	Resolutions
9	2PT5313B	Corrosion and oxidation on anchor bolts and plate. Base plates on both sides are flaking and missing anchor bolt washer.	CR-2012-009622 (Operable) for corrosion CR-2012-009624 (Operable) for missing washer	Needs evaluation
10	2PT5315C	The bottom bolt on the right side is not fully engaged. Also, channel is not fully welded between the base plate and its web.	CR -2012-009754 (Operable)	Needs evaluation
11	2PT5315D	Only 3" long weld on vertical side of channel, not fully welded as shown on typical detail.	CR-2012-009714 (Operable) RECO requested	Needs evaluation
12	2PUMPSICS21	2.25" conduit and J-Box is supported on a frame that is pinned to the floor.	CR-2012-009304 (Operable)	WO C92049017 issued to replace bolt
13	2RYRPS-K1 & 2RYRPS-K4	Anchorage varies from drawings in that the cabinet is anchored by a single 13/16" F-F CEA per bay, not as shown on DWG.	CR-2012-009775 (Operable, but degraded or nonconforming)	Needs evaluation
14	2SV5313A	Pipe line heading into containment is resting on angle iron stanchion, but not supported approx. 1" of outside wall.	CR-2012-009626 (Operable)	Needs evaluation
15	2TK4802	Two bottom headed studs are engaged. Top four headed studs are engaged.	CR-2012-009759 (Operable, but degraded or nonconforming)	Needs evaluation
16	2TKRWT21	Approximately 6 bolts are showing signs of corrosion to the bolt shaft. Approximately 8 visible cracks appear to go down along foundation.	CR-2012-008380 (Operable) for corrosion CR-2012-009629 (Operable) for cracks	WO C92018872 issued to clean and preserve bolts

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table 5-2: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Area Walk-bys Identified During Walkdowns

No.	Area	Description	Action(s)	Resolutions
17	CAL-AB-204	Non-seismic scaffold near SWC fan	CR-2012-009762 Relocate or seismically restrain scaffolding.	Needs evaluation
18	CAL-AB-205	There is an unsecured binder being stored on top of a control panel.	CR-2012-008506 - Relocate or seismically restrain it	Binder Removed - No longer an issue
19	CAL-AB-215	Operation procedure binder is stored on top of zinc control panel.	CR-2012- 008502 Relocate or seismically restrain it	Binder Removed - No longer an issue
20	CAL-AB-311	Tool hanging on side of RCP22AP01 (trip sensitive equipment) which may bang during earthquake.	CR-2012-08676 (operable) for RCP Breaker Racking tool	CA-2012-003696 - identify new storage area and relocate racking tool
21	CAL-AB-408	There is scaffold part staging behind valve 2MS-3938-CV. The staging consist of racks those seismic adequacy is questionable. The racks may move and strike a drain line and MSS valves enclosure, therefore a potential seismic concern.	CR-2012-009724 (Operable)	Needs evaluation
22	CAL-AB-409	Crack in wall runs through fire protection panel anchor bolt and conduit supports.	CR-2012-009757 (Operable, but degraded or nonconforming)	Needs evaluation
23	CAL-AB-414	Unsupported measurement pole resting against wall near MCC.	CR-2012-008679 (Operable)	CA-2012-003697 - Evaluate J Hook bracket
24	CAL-AB-416	Air receiver anchorages are not fully seated on concrete pad; some have 1/16" to 3/16" gap.	CR-2012-009782 (Operable but degraded)	Needs evaluation - Acceptable as is- Shims causing gap- Per design
25	CAL-AB-422	Air receiver anchorages are not fully seated on concrete pad; some have 1/16" to 1/8" gap. DG concrete pad shows considerable cracking.	CR-2012-009782 (Operable but degraded) for gaps CR-2012-009785 for cracks	Needs evaluation - Acceptable as is - Shims causing gap- Per design

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

Table 5-2: Potentially Degraded, Nonconforming or Unanalyzed Conditions for Area Walk-bys Identified During Walkdowns

No.	Area	Description	Action(s)	Resolutions
26	CAL-AB-440	Radiation Air monitor on pedestal may fall onto small bore piping and possibly break sight glass for pump 2PUMPSIRWT2	CR-2012-008678 (Operable)	Air monitors relocated - no longer an issue

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

6

Licensing Basis Evaluations

As noted in Section 5, the issues identified during the Seismic Walkdowns and Area Walk-Bys were not determined to be "Potentially Adverse Seismic Conditions" because in all cases the anomaly or issue would not prevent the equipment from performing its safety-related function. Therefore, no formal Licensing Basis Evaluations are necessary and none were performed.

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

7

IPEEE Vulnerabilities Resolution Report

The Calvert Cliffs IPEEE process was consistent with the requirements of Generic Letter 88-20, Supplement 4 and used NUREG-1407 as guidance. The IPEEE process consisted of a seismic PRA that was performed using the approaches described in NUREG-1407 and EPRI NP-6041-SL. The PRA methodology was used because it allowed for component risk ranking and provided the ability to relate seismic risk to risks from other internal and external events.

The IPEEE process started with the development of a comprehensive component list and was followed by a screening process using the results from extensive plant walkdowns. The results from the A-46 project were also utilized for screening. High-confidence-of-low-probability of failure (HCLPF) calculations was performed as the second screening followed by detailed fragility calculation. A HCPLF of 0.3g was used for screening.

The seismic initiating events were developed by using the results from the fragility calculation. The initiating events used the annual probability of excessive peak ground acceleration from the Revised Livermore Seismic Hazard Estimate (NUREG-1488).

The seismic hazard curves for the CCNPP site were developed by EPRI and Lawrence Livermore National Laboratory (LLNL). In accordance with NUREG-1407 the higher LLNL curves were used for the analysis. These curves are used as the basis to quantify the seismic initiating event frequencies and for the soil-structure interaction analysis and structure fragility calculations.

The IPEEE report did not determine any major plant vulnerabilities or recommend any physical plant improvements for the seismic event.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

8

Peer Review

8.1 INTRODUCTION

8.1.1 Overview

This report documents the independent peer review for the Near Term Task Force (NTTF) Recommendation 2.3 Seismic Walkdowns performed by Stevenson & Associates (S&A) for the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 2. The peer review addresses the following activities:

- Review of the selection of the structures, systems, and components, (SSCs) that are included in the Seismic Walkdown Equipment List (SWEL).
- Observation of the seismic walkdowns on August 10, 2012 and adherence to the Seismic Walkdown Guidance (SWG) [Reference 1] by Mr. Todd Bacon.
- Review of a sample of the checklists prepared for the Seismic Walkdowns & Walk-Bys.
- Review of any licensing basis evaluations.
- Review of the decisions for entering the potentially adverse conditions in to the plant's Corrective Action Plan (CAP).
- Review of the final submittal report.

8.1.2 Peer Reviewers

The peer reviewers for the Calvert Cliffs Nuclear Power Plant are Messrs. Walter Djordjevic, Todd Bacon, and Antonio Perez of S&A. Mr. Djordjevic is also designated the Peer Review Team Leader. None of the aforementioned engineers are involved in the seismic walkdown inspection process so that they can maintain their independence from the project. Mr. Djordjevic is an advanced degree structural engineer and has over thirty years of nuclear seismic experience and has been trained as a Seismic Capability Engineer (EPRI SQUG training), EPRI IPEEE Add-on, Seismic Fragility and Seismic Walkdown Engineer (SWE). Mr. Bacon is a civil engineer with over thirty years of experience in the nuclear power industry and has also completed the Seismic Walkdown Engineer (SWE) training for the Near Term Task Force Plant Seismic Walkdowns related to this effort. Mr. Perez is a mechanical engineer with 15 years of experience and a trainee in a 9 month Senior Reactor Operator Certificate training program. He also completed the SWE training. Mr. Perez led the peer review of the SWEL development and only participated in that phase of the peer review for Calvert Cliffs. Mr. Djordjevic, the Peer Review Team Leader, has participated in all phases of the peer review.

8.1.3 SWEL Development

The SWEL development was performed by Calvert Cliffs Design Engineering staff, Messrs. Robert Pace and Frank Higgins and Mmes. Amy Corder. There were a few observations noted on the SWEL Peer Review Checklist but no findings were cited. The completed SWEL Peer Review Checklist is found in Attachment 5. The discussion for the SWEL development peer review is found in Section 8.2.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

8.1.4 Seismic Walkdown Inspection

The peer review of the seismic walkdown inspection started on August 10, 2012 with a peer check of the actual walkdowns. Mr. Bacon joined the walkdown team for a portion of the day's planned walkdowns to observe the conduct of walkdowns and adherence to the Seismic Walkdown Guidance (SWG). In addition, an interview was conducted by Messrs. Djordjevic and Bacon with the SWE inspection team after review of a sample of the Seismic Walkdown Checklists (SWC) and Area Walk-By Checklists (AWC) to ascertain the quality and procedural compliance with the SWG. The discussion of the sample SWC and AWC is provided in Section 8.3, Review of Sample Seismic Walkdown & Area Walk-By Checklists.

8.2 PEER REVIEW - SELECTION OF SSCs

8.2.1 Purpose

The purpose of this section is to describe the process that was used to perform the peer review of the selected structures, systems, and components, (SSCs) that were included in the Seismic Walkdown Equipment List (SWEL).

This section documents the Peer Review – Selection of SSCs performed for Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 2.

8.2.2 Peer Review Activity – Selection of SSCs

The guidance in EPRI Technical Report 1025286, Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic, dated June 2012, Section 3: Selection of SSCs was used as the basis for this review [Reference 1].

8.2.2.1 Review of Documents

This peer review was based on reviews of the following documents which were revised as indicated by the references:

- CCNPP SWEL [Reference 13]
- CCNPP SWEL Scope Development [Reference 13]

8.2.2.2 Interviews

This peer review was based on interviews with the following individual who was directly responsible for development of the SWEL:

Robert Pace, Calvert Cliffs Nuclear Power Plant – Fukushima Project Site Lead

8.2.2.3 Checklist

This peer review utilized the checklist shown in Reference 1 Appendix F: Checklist for Peer Review of SSC Selection. The completed checklist is included in this report as Attachment 5.

8.2.2.4 SWEL 1 Verification

For SWEL 1 development, the following actions were completed in the peer review process:

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

1. Verification that the SSCs selected represented a diverse sample of the equipment required to perform 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)

This peer review determined that the SSCs selected for the seismic walkdowns represent a diverse sample of equipment required to perform the five safety functions.

2. Verification that the SSCs selected include an appropriate representation of items having the following sample selection attributes:

- A. Various types of systems
- B. Major new and replacement equipment
- C. Various types of equipment
- D. Various environments
- E. Equipment enhanced based on the findings of the IPEEE
- F. Risk insight consideration

8.2.2.5 SWEL 2 Verification

Since the spent fuel pool is common between both Unit 1 and Unit 2 at Calvert Cliffs Nuclear Power Plant, the SWEL 2 development and accompanying peer review is documented in the Unit 1 report.

8.2.3 Peer Review Findings – Selection of SSCs

This peer review found that the process for selection for SWEL 2 SSCs was consistent with the process outlined in Reference 1 Section 3: Selection of SSCs.

The peer review checklist is attached to this document with additional observations documented as appropriate.

This peer review resulted in no additional findings.

8.2.4 Resolution of Peer Review Comments – Selection of SSCs

All comments requiring resolution were incorporated prior to completion of this peer review.

8.2.5 Conclusion of Peer Review – Selection of SSCs

This peer review concludes that the process for selecting SSCs to be included on the seismic walkdown equipment list appropriately followed the process outlined in Reference 1, Section 3: Selection of SSCs. It is further concluded that the SWEL sufficiently represents a broad population of plant Seismic Category 1 equipment and systems to meet the objectives of the NRC 50.54(f) Letter.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

8.3 REVIEW OF SAMPLE SEISMIC WALKDOWN & AREA WALK-BYS CHECKLISTS

8.3.1 Overview

A site visit was made on August 9, 2012 by Mr. Todd Bacon to perform peer review of the seismic walkdown inspection. The SWE trained walkdown engineers were Mr. Apostolos Karavoussianis and Mr. Cory Figliolini. In addition, after review of the SWC and AWC an interview was conducted by Messrs. Djordjevic and Bacon with the SWE inspection team. The interviews were conducted with Mr. Cory Figliolini on September 6, 2012, and with Mr. Apostolos Karavoussianis on September 7, 2012 in accordance with the SWG requirements to discuss and clarify completion of the SWE, AWC and licensing basis evaluations. It was concluded that the walkdown team performed their assessments and evaluations properly.

8.3.2 Sample Checklists

Tables 8-1 and 8-2 list the SWC and AWC samples which represent 10% of the SWCs and 15% of the AWCs. The sample includes the equipment inspected during the peer review and other equipment items from other classes to introduce diversity to the sampling procedure.

Table 8-1: SWC Samples from Seismic Walkdown Inspection for CCNPP Unit 2

Equipment Identification	Equipment Class (GIP)	Walkdown Item	Peer Review Comments
2PUMPSICS21	5 – Horizontal pumps	21 Containment spray pump	Bucket of rags noted as OK; 2 ¼” conduit & JB supported on pinned frame. Corrective action written.
2COMPSWAC21B	12 – Air compressors	22 SW air comp B	Interaction noted – corrective action written.
2BS5148	0 – Other	21A PHE inlet SW strainer	No comments
2COMPSWAC22A	12 – Air compressors	22 SW air compressor A	Interaction noted – corrective action written.
2BS5148	0 – Other	21A PHE inlet SW strainer	No comments
2HXSRW21A	21 – Tanks and Heat Exchangers	21A Service water PHE	No comments
2PUMPAFWMD23	5 – Horizontal pumps	23 Aux FW Motor driven PP	Cracked chips in grout – no adverse impact. OK
2PUMPSRW23	5 – Horizontal pumps	23 Service water pump	No comments

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

Table 8-1: SWC Samples from Seismic Walkdown Inspection for CCNPP Unit 2

Equipment Identification	Equipment Class (GIP)	Walkdown Item	Peer Review Comments
2PUMPSW23	6 – Vertical Pumps	23 SW pump	No comments
2CV5149OP	7 – Pneumatic operated valves	2 Emergency service water discharge to bay CV ACT	No comments
2TKRWT21	21 – Tanks and Heat Exchangers	Refueling water tank 21	Concrete cracks noted to foundation; numerous bolts corroded; operability issue addressed properly.

Table 8-2: AWC Samples from Seismic Walkdown Inspection for CCNPP Unit 2

Area	Area Walkdown Description	Peer Review Comments
1	Aux. bldg. El. 5', CAL-AB-205	Threaded fire protection piping issue noted and found adequate.
2	Aux. bldg. El. Roof, CAL-AB-ARF	No comments
3	Aux. bldg. El. 45', CAL-AB-407	No comments
4	Intake structure El. 17', CAL-ISPR-INT2	No comments

8.3.3 Evaluation of Findings

In all cases the anomaly or issue would not prevent the equipment from performing its safety-related function. Some issues merit some further discussion:

- 1) The tank 2TKRWT21 (RWST) has corrosion on numerous anchors that are exposed to the outside environment. They have been evaluated for immediate operability and the outcome was that they were operable in both cases. The anchors of the RWST were found to have only minimal (surface) corrosion after being cleaned.
- 2) There is an issue with adherence to seismic housekeeping procedures. It is recommended that the importance of maintaining proper seismic housekeeping be reinforced with plant personnel.
- 3) Plant documentation is not up to date for some of the equipment that was inspected. A review of plant documentation should be considered especially for equipment that has been modified since original installation.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- 4) There are instances of corrosion on some of the equipment, especially equipment located in wet environments and outside.

8.4 REVIEW OF LICENSING BASIS ASSESSMENTS

8.4.1 Overview

After a review of Table 5-1 outcomes, none of the issues identified during the Seismic Walkdowns or Area Walk-Bys were determined to be "Potentially Adverse Seismic Conditions" in that the anomalies or issues that were identified would not prevent the equipment from performing its safety-related function. No formal Licensing Basis Evaluations were required.

8.4.2 Insights and Recommendations

There are three trends at CCNPP Unit 2 that are noteworthy and may be considered for future action:

- 1) Seismic housekeeping problems were found throughout CCNPP.
- 2) Some equipment located in wet/moist and outside environments have material condition degradation issues.
- 3) There are some documentation issues, particularly with plant drawings, associated with equipment installations.

8.5 REVIEW FINAL SUBMITTAL REPORT & SIGN-OFF

The entire final submittal report has been reviewed by Messrs. W. Djordjevic, T. Bacon and A. Perez and found to meet the requirements of the EPRI 1025286 – Seismic Walkdown Guidance [Reference 1].

ATTACHMENT 1
SEISMIC WALKDOWN REPORT

9

References

1. EPRI Technical Report 1025286, Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic, dated June 2012
2. Calvert Cliffs UFSAR, Rev. 43
3. EPRI Report NP-6041, "A Methodology for Assessment of Nuclear Power Plant Seismic Margin", Rev. 1.
4. Calvert Cliffs Nuclear Power Plant, "Individual Plant Examination for External Events (IPEEE)", RAN 97-031, August 1997.
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 2.3, "Recommendation 2.3: Seismic."
6. "Conc. Masonry Wall Locations Auxiliary Building Floor Plan, El. (-)10'-0" (-)15'-0'", Drawing 62172-A-256, Rev. 2.
7. "Conc. Masonry Wall Locations Auxiliary Building Floor Plan, El. 5'-0'", Drawing 62173-A-257, Rev. 3.
8. "Conc. Masonry Wall Locations Auxiliary Building Floor Plan, El. 27'-0'", Drawing 62174-A-258, Rev. 1.
9. "Conc. Masonry Wall Locations Auxiliary Building Floor Plan, El. 45'-0'", Drawing 62175-A-259, Rev. 3.
10. "Conc. Masonry Wall Locations Auxiliary Building Floor Plan, El. 69'-0'", Drawing 62176-A-260, Rev. 3.
11. Baltimore Gas and Electric Design Engineering Letter DE01228, from M.A. Wright to T.J. Camilieri and J.M. Osborne, "Plant Wide II/I System Interaction Review" dated 6/13/96.
12. Generic Implementation Procedure for Seismic Verification of Nuclear Plant Equipment, December 2001.
13. Email transmittal from Frank Higgins on July 29, 2012 12:55 PM with attachments:
 - a. CCNPP Seismic 2.3 SWEL list 7182012 Final.xlsx
 - b. CCNPP SWEL Scope Development.docx

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

A

Project Personnel Resumes and SWE Certificates

Apostolos (Paul) Karavoussianis

EDUCATION:

B.Eng. - Concordia University, Montreal, Canada - 1987

PROFESSIONAL REGISTRATION:

Commonwealth of Massachusetts - E.I.T. - 1993

PROFESSIONAL HISTORY:

Stevenson & Associates Inc., Woburn Massachusetts, Senior Consultant, 2011 - Present
Project Manager, 2004 - 2011.
Project Engineer, 1993 - 2004.

Badger Engineering, Cambridge Massachusetts, Structural Engineer, 1991 - 1993.

NLK - Celpap Canada Inc., Montreal Quebec, Structural Engineer, 1988 - 1991.

PROFESSIONAL EXPERIENCE:

Mr. Karavoussianis has twenty-four years of experience in analysis and design of nuclear and heavy industrial facilities, semiconductor fabrication, petrochemical process plants, and pulp and paper mills.

Currently, he serves as the S&A Senior Consultant on the Seismic Fragility Assessment project at Palo Verde. The project evaluates non-class 1 seismic equipment and attached piping using the IPEEE walk-down and analysis methodologies as described in the EPRI NP-6041-SL Report. He serves as a member of the walk-down team and reviewer/approver of the fragility evaluations.

As a qualified Seismic Capable Engineer (SCE), he recently performed seismic walk-downs at Vogtle Electric Generating Plant (VEGP) for Southern Nuclear Company (SNC) as a member of the project's Seismic Review Team (SRT). These seismic IPEEE walk-downs were performed in accordance with EPRI NP-6041-SL guidelines.

Previously, he served as the S&A Senior Consultant and Project Manager for the multiple Palo Verde Security projects. The projects cover all aspects of the regulatory requirements for security design from computer and perimeter protection upgrade, blast evaluations, installation of BREs, VBS fortification, building fortification including the development of all modification packages for installation.

He has served as the S&A Project Manager and supports both managerial and design efforts at the Kewaunee Power Station on multiple projects that include Auxiliary Feedwater flow control modifications, Auxiliary Feedwater flow monitoring instrumentation modifications, and Auxiliary Building roof modifications. He is qualified in the Modification Process and has performed as a Responsible Engineer in various KPS projects.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

He has also served as Project Manager for the Kewaunee and Wolf Creek Security projects. Both projects were approximately \$1 million projects covering all aspects of the security design from blast evaluations to installation of BREs, VBS fortification, building fortification including the development of all modification packages for installation.

He was project manager for the calculation index project for Millstone 2 & 3, which was a document management effort that spanned 3 years at a cost of over \$2 million dollars. He developed the INDEX software package, which is used to capture and maintain the document attributes. This project was expanded to include Millstone procedures, DCNs, PDCRs, original specifications and technical vendor manuals.

He has performed analysis in accordance with the Generic Implementation Plan Procedure, an industry program for seismic verification of nuclear power plant equipment. These analyses have included equipment and tank anchorages and limited analytical review of selected cable tray and conduit raceways. He has performed analysis of electrical and mechanical components, and tanks, for ultimate seismic performance levels in conjunction with seismic Probabilistic Risk Assessments, and Seismic Margin Assessments.

While on field assignment at Millstone 2 & 3 he worked on SQUG/A-46 issues, tank evaluations, structural dynamic analyses, piping stress, MOV and support analyses, design change notices and modifications, calculation change notices, and condition report (CR) assessments and dispositions.

Previous to his employment at S&A he has performed detailed design and analysis for various structures and their foundations. The structures were primarily steel with various concrete foundations, such as soil bearing footing, piles and rock anchor supports.

Additionally, he spent 5 months on a paper mill construction site as the resident Structural Engineer. During this period he had the responsibility of supervising various trades, implementing design changes and verifying work orders.



Certificate of Achievement

This is to Certify that
Apostolos Karavoussianis

has Completed the SQUG Walkdown Screening
and Seismic Evaluation Training Course



Paul P. Smith
SQUG Representative

April 20-24, 1998
Date of Course
W. Wolf
Training Course Administrator

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

CORY T. FIGLIOLINI, E.I.T.

EDUCATION

2009 - 2010 University of Glasgow, Glasgow, Scotland, United Kingdom
University of Edinburgh, Edinburgh, Scotland, United Kingdom
Joint Master of Science, Structural Engineering & Mechanics (M.Sc.)
2004 - 2009 Worcester Polytechnic Institute, Worcester, Massachusetts
Bachelor of Science, Civil and Environmental Engineering (BSCE)

REGISTRATION AND AFFILIATIONS

Engineer in Training, Massachusetts, Certificate No. 22279

PROFESSIONAL CAPABILITIES

Structural analysis and design of steel, concrete, and masonry structures using IBC and UBC
Dynamic analysis of structures for seismic, vibration, blast, fluid, and wind loads
Completed 5-day SQUG training course for walkdown and fragility analysis of nuclear facilities and their components
Completed 5-day ASME Power Piping Design and Fabrication training course
Risk and hazard analysis
Construction support and inspection

PROFESSIONAL HISTORY

2010 - Present Stevenson and Associates, Goodyear, Arizona
Engineer

PROJECT EXPERIENCE SUMMARY

Seismic Fragility Projects

Mr. Figliolini has planned and performed seismic walkdowns and fragility analyses of structures and components for use in probabilistic risk assessments. On these projects, he has walked down both Safety Related and non-Safety Related structures, systems and components in all areas of the power block. Mr. Figliolini has conducted seismic analyses of electrical and mechanical equipment anchorages, storage tanks, and civil structures including containment.

Security Projects

Mr. Figliolini has performed structural modifications to existing structures for hardened alarm stations and security related equipment supports. He has performed blast analyses to determine the vulnerability of security structures.

Piping Projects

Mr. Figliolini has worked on Safety Related piping analyses and modifications which include assessment and conversion of piping analysis models, screening and review of piping supports, and modifications to piping supports.



Certificate of Achievement

This is to Certify that

Cory Figliolini

has Completed the SQUG Walkdown Screening
and Seismic Evaluation Training Course

Held Date July 11 thru 15, 2011



Phil Gazda

Stevenson &
Associates

Instructor Name, Instructor Company
SQUG Instructor

Douglas P. Brown

NextEra Energy
Douglas P. Brown Point Beach

Representative Name, Representative Company
SQUG Member Representative

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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, 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.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

Antonio Perez, P.E.

SUMMARY

Mr. Perez has ten years of experience in project management, project engineering, equipment design, and mechanical systems layout for nuclear and industrial facilities.

PROFESSIONAL EXPERIENCE

STEVENSON & ASSOCIATES, Minneapolis, MN

Project Manager

March 2007 – Present

- Leading design team efforts at the Kewaunee Power Station on multiple projects that include Auxiliary Feedwater flow control modifications, Auxiliary Feedwater flow monitoring instrumentation modifications, and Auxiliary Building roof modifications.
- Performing various Project Management duties such as developing project plans, identification of resource needs, estimating task durations, developing project schedules, and monitoring budgets.

DOMINION ENERGY KEWAUNEE (formerly Nuclear Management Company 2001 - 2005)

Kewaunee Power Station, Kewaunee, WI

Shift Technical Advisor (trainee)

January 2006 – March 2007

- Trainee in a 9 month Senior Reactor Operator Certificate training program.

Engineering Supervisor – ME/CE/SE Design

May 2004 – January 2006

- Supervising a staff of 12 to 15 engineers (mechanical, civil, and structural design) who are 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 has 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 over-site of engineering products.
- Developed a work management system for the group that provides a means for prioritizing activities, estimating the level of effort, and scheduling of activities. This system has allowed for an increased understanding of workload and has become an invaluable tool for prioritizing work and managing resources.
- Increased communications within the group by holding daily 15 minute meetings where station messages are delivered and where the group's resources are assessed and redirected as necessary to meet commitments. This has 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.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

- 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.

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.

EDUCATION

BS Mechanical Engineering

Michigan Technological University, Houghton, MI

Magna cum Laude

LICENSES: Professional Engineer, Wisconsin: September 2002

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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 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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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 held 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 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 fluid 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.

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

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 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

ATTACHMENT 1

SEISMIC WALKDOWN REPORT

summary reports and operability guidelines for Commonwealth Edison (ComEd) and American Electric Power Company (AEP).

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.

ATTACHMENT (2)

EQUIPMENT LISTS

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ACC2058	U2 AFW AIR AMPLIFIER ACCUMULATOR	Accumulator	CAL-AB-205	PB
2ACC4070	IA ACCUMULATOR TO 2CV4070/4070A	Accumulator	CAL-AB-205	PB,RSTAMP
2ACC4071	IA ACCUMULATOR TO 2CV4071/4071A	Accumulator	CAL-AB-205	PB,RSTAMP
2ACC4521	AFW AIR RCVR 21A	Accumulator	CAL-AB-205	1M,RSTAMP,P B
2ACC4522	AFW AIR RCVR 21B	Accumulator	CAL-AB-205	1M,RSTAMP,P B
2ACC4838	2B DG AIR RECEIVER WEST HDR	Accumulator	CAL-AB-416	1M,RSTAMP,P B
2ACC233X	21 CHARGING PUMP DESURGER	Accumulator	CAL-AB-105A	PB
2ACC233Y	22 CHARGING PUMP DESURGER	Accumulator	CAL-AB-105B	PB
2ACC233Z	23 CHARGING PUMP DESURGER	Accumulator	CAL-AB-105C	PB
2ACCSTABILIZER21	21 CHARGING PUMP SUCTION STAB	Accumulator	CAL-AB-105A	PB
2ACCSTABILIZER22	22 CHARGING PUMP SUCTION STAB	Accumulator	CAL-AB-105B	PB
2ACCSTABILIZER23	23 CHARGING PUMP SUCTION STAB	Accumulator	CAL-AB-105C	PB
2DRY5426-1	21 SWGR HVAC CKT1 FILTER DRYER	Air Gas Dryer	CAL-AB-526	1M,PB
2DRY5426-2	21 SWGR HVAC CKT2 FILTER DRYER	Air Gas Dryer	CAL-AB-526	1M,PB
2DRY5426A1	22 SWGR HVAC CKT1 FILTER DRYER	Air Gas Dryer	CAL-AB-526	1M,PB
2DRY5426A2	22 SWGR HVAC CKT2 FILTER DRYER	Air Gas Dryer	CAL-AB-526	1M,PB
2NX001	NIS WIDE RANGE LOG PWR CH A	Amplifier	CAL-AB-407	PAM1
2NX001-A3	CH A NIS WR PREAMP (SU)	Amplifier	CAL-AB-405	PAM1,SBO
2NX001-A4	CH A NIS PREAMP (WR)	Amplifier	CAL-AB-405	PAM1,SBO
2NX001-A5	CH A NIS WR LIN AMP	Amplifier	CAL-AB-405	PAM1,SBO
2NX001-A7	CH A NIS WR PULSE DISC	Amplifier	CAL-AB-405	PAM1,SBO
2NX001-A8	CH A NIS WR DISC/BP FLTR	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A	NIS WIDE RANGE LOG PWR CH A	Amplifier	CAL-AB-405	PAM1
2NX001A-A10	CH A NIS WR TEST GEN TT	Amplifier	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

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Component ID	Description	Classification	Location	Safety category
2NX001A-A11	CH A NIS WR ATTAP OUTPUT	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A-A3	CH A NIS WR DISPLAY DRVR	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A-A6	CH A NIS WR LOG CT/RT (SU	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A-A7	CH A NIS WR LOG AMP/RT/AU	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A-A8	CH A NIS WR LOG CT/RT (WR	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A-A9	CH A NIS WR TEST GEN	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A1	NIS WIDE RANGE LOG PWR CH A	Amplifier	CAL-AB-407	PAM1
2NX001A1-A1	CH A NIS WR SIG COMBINER	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A1-A2	CH A NIS WR OPTICAL ISOL	Amplifier	CAL-AB-405	PAM1,SBO
2NX001A1-A3	CH A NIS WR SIG SPLITTER	Amplifier	CAL-AB-405	PAM1,SBO
2NX002	NIS WIDE RANGE LOG PWR CH B	Amplifier	CAL-AB-407	PAM1
2NX002-A3	CH B NIS WR PREAMP (SU)	Amplifier	CAL-AB-405	PAM1,SBO
2NX002-A4	CH B NIS WR PREAMP (WR)	Amplifier	CAL-AB-405	PAM1,SBO
2NX002-A5	CH B NIS WR LIN AMP	Amplifier	CAL-AB-405	PAM1,SBO
2NX002-A7	CH B NIS WR PULSE DISC	Amplifier	CAL-AB-405	PAM1,SBO
2NX002-A8	CH B NIS WR DISC/BP FLTR	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B	NIS WIDE RANGE LOG PWR CH B	Amplifier	CAL-AB-405	PAM1
2NX002B-A10	CH B NIS WR TEST GEN TT	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A11	CH B NIS WR ATTAP OUTPUT	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A3	CH B NIS WR DISPLAY DRVR	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A6	CH B NIS WR LOG CT/RT (SU	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A7	CH B NIS WR LOG AMP/RT/AU	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A8	CH B NIS WR LOG CT/RT (WR	Amplifier	CAL-AB-405	PAM1,SBO
2NX002B-A9	CH B NIS WR TEST GEN	Amplifier	CAL-AB-405	PAM1,SBO
2NX003	NIS WIDE RANGE LOG PWR CH C	Amplifier	CAL-AB-418	PAM1,SBO
2NX003-A3	CH C NIS WR PREAMP (SU)	Amplifier	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2NX003-A4	CH C NIS WR PREAMP (WR)	Amplifier	CAL-AB-405	PAM1,SBO
2NX003-A5	CH C NIS WR LIN AMP	Amplifier	CAL-AB-405	PAM1,SBO
2NX003-A7	CH C NIS WR PULSE DISC	Amplifier	CAL-AB-405	PAM1,SBO
2NX003-A8	CH C NIS WR DISC/BP FLTR	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C	NIS WIDE RANGE LOG PWR CH C	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A10	CH C NIS WR TEST GEN TT	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A11	CH C NIS WR ATTAP OUTPUT	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A3	CH C NIS WR DISPLAY DRVR	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A6	CH C NIS WR LOG CT/RT (SU	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A7	CH C NIS WR LOG AMP/RT/AU	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A8	CH C NIS WR LOG CT/RT (WR	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C-A9	CH C NIS WR TEST GEN	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C1	NIS WIDE RANGE LOG PWR CH C	Amplifier	CAL-AB-418	PAM1,SBO
2NX003C1-A1	CH C NIS WR SIG COMBINER	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C1-A2	CH C NIS WR OPTICAL ISOL	Amplifier	CAL-AB-405	PAM1,SBO
2NX003C1-A3	CH C NIS WR SIG SPLITTER	Amplifier	CAL-AB-405	PAM1,SBO
2NX004	NIS WIDE RANGE LOG PWR CH D	Amplifier	CAL-AB-532	PAM1,SBO
2NX004-A3	CH D NIS WR PREAMP (WR)	Amplifier	CAL-AB-405	PAM1,SBO
2NX004-A4	CH D NIS WR PREAMP (WR)	Amplifier	CAL-AB-405	PAM1,SBO
2NX004-A5	CH D NIS WR LIN AMP	Amplifier	CAL-AB-405	PAM1,SBO
2NX004-A7	CH D NIS WR PULSE DISC	Amplifier	CAL-AB-405	PAM1,SBO
2NX004-A8	CH D NIS WR DISC/BP FLTR	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D	NIS WIDE RANGE LOG PWR CH D	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A10	CH D NIS WR TEST GEN TT	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A11	CH D NIS WR ATTAP OUTPUT	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A3	CH D NIS WR DISPLAY DRVR	Amplifier	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2NX004D-A6	CH D NIS WR LOG CT/RT (SU	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A7	CH D NIS WR LOG AMP/RT/AU	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A8	CH D NIS WR LOG CT/RT (WR	Amplifier	CAL-AB-405	PAM1,SBO
2NX004D-A9	CH D NIS WR TEST GEN	Amplifier	CAL-AB-405	PAM1,SBO
2CHGR21	BATTERY CHARGER 21	Battery Charging Unit	CAL-AB-302	1E
2CHGR22	BATTERY CHARGER 22	Battery Charging Unit	CAL-AB-302	1E
2CHGR23	BATTERY CHARGER 23	Battery Charging Unit	CAL-AB-306	1E
2CHGR22	BATTERY CHARGER 22	Battery Charging Unit	CAL-AB-302	1E
2CHGR24	BATTERY CHARGER 24	Battery Charging Unit	CAL-AB-306	1E
2BUS2D01	125VDC BUS 21	Bus	CAL-AB-302	1E,SBO
2BUS2D02	125VDC BUS 22	Bus	CAL-AB-302	1E,SBO
2BUS2A01	4KV BUS 21	Bus	CAL-AB-311	1E,SBO
2BUS2A04	4KV BUS 24	Bus	CAL-AB-407	1E,SBO
2BUS2B01A	480V BUS 21A	Bus	CAL-AB-311	1E,SBO
2BUS2B01B	480V BUS 21B	Bus	CAL-AB-311	1E,SBO
2BUS2B04A	480V BUS 24A	Bus	CAL-AB-407	1E,SBO
2BUS2B04B	480V BUS 24B	Bus	CAL-AB-407	1E,SBO
2BUS2D01	125VDC BUS 21	Bus	CAL-AB-302	1E,SBO
2PNL2D100/MON	125VDC BATTERY 21 MONITOR	Cabinet	CAL-AB-405	PAM2,SBO
2PNL2D11	125VDC PNL DC21 2D11	Cabinet	CAL-AB-302	1E,SBO
2PNL2D12	125VDC PNL DC22 2D12	Cabinet	CAL-AB-302	1E,SBO
2PNL2D13	125VDC PNL DC23 2D13	Cabinet	CAL-AB-302	1E,SBO
2PNL2D14	125VDC PNL DC24 2D14	Cabinet	CAL-AB-302	1E,SBO
2PNL2D15	125VDC PNL DC25 2D15	Cabinet	CAL-AB-302	1E,SBO
2PNL2D16	125VDC PNL DC26 2D16	Cabinet	CAL-AB-302	1E,SBO
2PNL2D17	125VDC PNL DC27 2D17	Cabinet	CAL-AB-302	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PNL2D200/MON	125VDC BATTERY 22 MONITOR	Cabinet	CAL-AB-405	PAM2,SBO
2NA111	23 SERV WTR PP BUS 21 DISC SWGR	Cabinet	CAL-AB-311	1E
2NA411	23 SERV WTR PP BUS 24 DISC SWGR	Cabinet	CAL-AB-407	1E
2ND1640	SRW SUB-SYS 21 ISO TO BD HX22	Cabinet	CAL-AB-205	1E
2PNL2PDP70A	POWER DISTRIBUTION PANEL	Cabinet	CAL-AB-405	PAM2
2PNL2PDP70B	POWER DISTRIBUTION PANEL	Cabinet	CAL-AB-405	PAM2
2NA112	23 SALT WTR PP BUS 21 DISC SWGR	Cabinet	CAL-AB-311	1E
2NA412	23 SALT WTR PP BUS 24 DISC SWGR	Cabinet	CAL-AB-407	1E
2PNL2P93	CABINETS 2C144A, 2C182A & 2PAMSA POWER PANEL	Cabinet	CAL-AB-302	1E
2PNL2P94	CABINETS 2C144B, 2C182B & 2PAMSB POWER PANEL	Cabinet	CAL-AB-302	1E
2PNL2Y01	120V AC VITAL PANEL 21	Cabinet	CAL-AB-302	1E,SBO
2PNL2Y01-1	120V AC VITAL PANEL	Cabinet	CAL-AB-302	1E,SBO
2PNL2Y02	120V AC VITAL PANEL 22	Cabinet	CAL-AB-302	1E,SBO
2PNL2Y02-1	120V AC VITAL PANEL	Cabinet	CAL-AB-302	1E,SBO
2PNL2Y03	120V AC VITAL PANEL 23	Cabinet	CAL-AB-302	1E,SBO
2PNL2Y04	120V AC VITAL PANEL 24	Cabinet	CAL-AB-302	1E,SBO
2PNL2NB408A	#12 CRAC CMPSR CNTRL PNL	Cabinet	CAL-AB-512	1E
2PNL2NB110	21 SWGR RM A/C COMP (STARTER PANEL)	Cabinet	CAL-AB-ARF	1E
2PNL2NB424	22 SWGR RM A/C COMP (STARTER PANEL)	Cabinet	CAL-AB-ARF	1E
2N0406	22 CVC BA PUMPS NB	Cabinet	CAL-AB-215	1E
2NA110	23 HPSI PP BUS 21 DISC SWGR	Cabinet	CAL-AB-311	1E
2NA410	23HPSI PP BUS 24 DISC SWGR	Cabinet	CAL-AB-407	1E
2PNL2D11	125VDC PNL DC21 2D11	Cabinet	CAL-AB-302	1E,SBO
2NB114	CNTMT COOL FAN 22 CONTROLLER	Cabinet	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2NB402	CNTMT COOL FAN 23 CONTROLLER	Cabinet	CAL-AB-409	1E
2NB414	CNTMT COOL FAN 24 CONTROLLER	Cabinet	CAL-AB-414	1E
2BKR2D05/BCB	BATT CHRG 21 DC OUTPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2D05/PCB	BATT CHRG 21 AC INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2D06/BCB	BATT CHRG 22 DC OUTPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2D06/PCB	BATT CHRG 22 AC INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2D07/BCB	BATT CHRG 23 DC OUTPUT BREAKER	Circuit Breaker	CAL-AB-306	1E
2BKR2D07/PCB	BATT CHRG 23 AC INPUT BREAKER	Circuit Breaker	CAL-AB-306	1E
2BKR2D08/BCB	BATT CHRG 24 DC OUTPUT BREAKER	Circuit Breaker	CAL-AB-306	1E
2BKR2D08/PCB	BATT CHRG 24 AC INPUT BREAKER	Circuit Breaker	CAL-AB-306	1E
2BKR2Y01A/CB3	INVERTER 21 AC OUTPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E
2BKR2Y01A/CB4	INVERTER 21 AC OUTPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E
2BKR2Y01A/CB5	INVERTER 21 ALT INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Y02A/CB3	INVERTER 22 AC OUTPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E
2BKR2Y02A/CB4	INVERTER 22 AC OUTPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E
2BKR2Y02A/CB5	INVERTER 22 AC INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Y03A/CB3	INVERTER 23 AC OUTPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E
2BKR2Y03A/CB4	INVERTER 24 AC OUTPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E
2BKR2Y03A/CB5	INVERTER 23 ALT INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Y04A/CB3	INVERTER 24 AC OUTPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E
2BKR2Y04A/CB4	INVERTER 24 AC OUTPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E
2BKR2Y04A/CB5	INVERTER 24 AC INPUT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR152-2101	SUPP BKR FROM U-4000-12	Circuit Breaker	CAL-AB-311	1E
2BKR152-2102	SERV XFER (U-440-21B)	Circuit Breaker	CAL-AB-311	1E
2BKR152-2104	LOW PRESS SAFETY INJECTION PUMP 21	Circuit Breaker	CAL-AB-311	1E
2BKR152-2105	SALT WATER PUMP 21	Circuit Breaker	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR152-2107	CONTAINMENT SPRAY PUMP 21	Circuit Breaker	CAL-AB-311	1E
2BKR152-2108	HIGH PRESSURE SAFETY INJECTION PUMP 21	Circuit Breaker	CAL-AB-311	1E
2BKR152-2109	SERVICE WATER PUMP 21	Circuit Breaker	CAL-AB-311	1E
2BKR152-2111	SERVICE WATER PUMP 23	Circuit Breaker	CAL-AB-311	1E
2BKR152-2112	SALT WATER PUMP 23	Circuit Breaker	CAL-AB-311	1E
2BKR152-2113	SWITCHYARD FEEDER (500KVA)	Circuit Breaker	CAL-AB-311	1E
2BKR152-2114	SERV XFER U-440-21A	Circuit Breaker	CAL-AB-311	1E
2BKR152-2115	4KV BUS 21 FEEDER BREAKER	Circuit Breaker	CAL-AB-311	1E
2BKR152-2401	SUPP BKR FROM U-4000-22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2402	SERVICE TRANSFORMER (U-440-24A)	Circuit Breaker	CAL-AB-407	1E
2BKR152-2404	LOW PRESS SAFETY INJECTION PUMP 22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2405	SALT WATER PUMP 22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2407	CONTAINMENT SPRAY PUMP 22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2408	HIGH PRESS SAFETY INJ PUMP 22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2409	SERVICE WATER PUMP 22	Circuit Breaker	CAL-AB-407	1E
2BKR152-2410	HIGH PRESSURE SAFETY INJECTION PUMP 23	Circuit Breaker	CAL-AB-407	1E
2BKR152-2411	SERV WTR PP 23	Circuit Breaker	CAL-AB-407	1E
2BKR152-2412	SALT WATER PUMP 23	Circuit Breaker	CAL-AB-407	1E
2BKR152-2413	SERV XFER (U-440-24B)	Circuit Breaker	CAL-AB-407	1E
2BKR152-2414	SERVICE TRANSF U-4000-12	Circuit Breaker	CAL-AB-407	1E
2BKR152-2415	AUX FW PP 23 DISC	Circuit Breaker	CAL-AB-407	1E
2BKR52-2101	#21 CAVITY COOLING FAN	Circuit Breaker	CAL-AB-311	1E
2BKR52-2102	21 CONTMT AIR CLR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2103	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-2104	23 CHG PP	Circuit Breaker	CAL-AB-311	1E
2BKR52-2105	21 CONTMT FILTER UNIT	Circuit Breaker	CAL-AB-311	1E
2BKR52-2106	21 COMP CLG PP	Circuit Breaker	CAL-AB-311	1E
2BKR52-2107	25 BATT CHGR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2108	21 BRG OIL PP	Circuit Breaker	CAL-AB-311	1E
2BKR52-2109	480V BUS 21A	Circuit Breaker	CAL-AB-311	1E
2BKR52-2110	SWGR ROOM HVAC UNIT 21	Circuit Breaker	CAL-AB-311	1E
2BKR52-2111	23 BATT CHGR 125 VDC	Circuit Breaker	CAL-AB-311	1E
2BKR52-2112	480V BUS 21A	Circuit Breaker	CAL-AB-311	1E
2BKR52-2113	480V BUS 21B	Circuit Breaker	CAL-AB-311	1E
2BKR52-2114	22 CONTMT AIR CLR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2115	21 CHG PP	Circuit Breaker	CAL-AB-311	1E
2BKR52-2116	23 COMP CLG PP	Circuit Breaker	CAL-AB-311	1E
2BKR52-2117	21 MAIN PLT EXH FAN	Circuit Breaker	CAL-AB-311	1E
2BKR52-2118	21 INSTR AIR COMPR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2118/51/50G	21 IA COMP BKR AMPTECTOR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2119	214R REACTOR MCC	Circuit Breaker	CAL-AB-311	1E
2BKR52-2120	22 BATT CHGR 125 VDC	Circuit Breaker	CAL-AB-311	1E
2BKR52-2121	23 CONTMT FILTER UNIT	Circuit Breaker	CAL-AB-311	1E
2BKR52-2122	H2 RECOMB PWR PNL 21	Circuit Breaker	CAL-AB-311	1E
2BKR52-2123	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E
2BKR52-2124	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E
2BKR52-2125	72' COMPUTER RM HVAC #12	Circuit Breaker	CAL-AB-311	1E
2BKR52-2126	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E
2BKR52-2127	209 PH PZR HTR MCC	Circuit Breaker	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-2128	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E
2BKR52-2129	EQUIPPED SPACE	Circuit Breaker	CAL-AB-311	1E
2BKR52-2130	21 PZR HTR PROP CONTR	Circuit Breaker	CAL-AB-311	1E
2BKR52-2401	#22 CAVITY COOLING FAN	Circuit Breaker	CAL-AB-407	1E
2BKR52-2402	23 CONTMT AIR CLR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2403	EQUIPPED SPACE	Circuit Breaker	CAL-AB-407	1E
2BKR52-2404	23 CHG PP	Circuit Breaker	CAL-AB-407	1E
2BKR52-2405	22 CONTMT FILTER UNIT	Circuit Breaker	CAL-AB-407	1E
2BKR52-2406	22 COMP CLG PP	Circuit Breaker	CAL-AB-407	1E
2BKR52-2407	21 BATT CHGR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2408	12 CONT RM A/C COMPR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2409	204R RX MCC	Circuit Breaker	CAL-AB-407	1E
2BKR52-2410	APPENDIX R" MCC 125 FEEDER CIRCUIT BREAKER"	Circuit Breaker	CAL-AB-407	1E
2BKR52-2410	APPENDIX R" MCC 125 FEEDER CIRCUIT BREAKER"	Circuit Breaker	CAL-AB-407	1E
2BKR52-2411	12 SFP CLG PP	Circuit Breaker	CAL-AB-407	1E
2BKR52-2412	U-440-24A LOW SIDE BKR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2413	U-440-24B LOW SIDE BKR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2414	24 CONTMT AIR COOLER	Circuit Breaker	CAL-AB-407	1E
2BKR52-2415	22 CHG PP	Circuit Breaker	CAL-AB-407	1E
2BKR52-2416	23 COMP CLG PP	Circuit Breaker	CAL-AB-407	1E
2BKR52-2417	22 MAIN PLT EXH FAN	Circuit Breaker	CAL-AB-407	1E
2BKR52-2418	22 INSTR AIR COMPR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2418/51/50G	22 IA COMP BKR AMPTECTOR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2419	201 BT TURB MCC	Circuit Breaker	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-2420	24 BATT CHGR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2421	23 CONTMT FILTER UNIT	Circuit Breaker	CAL-AB-407	1E
2BKR52-2422	H2 RECOMB PWR PNL 22	Circuit Breaker	CAL-AB-407	1E
2BKR52-2423	21 PLT AIR COMPR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2424	SWGR ROOM HVAC UNIT 22	Circuit Breaker	CAL-AB-407	1E
2BKR52-2425	EQUIPPED SPACE	Circuit Breaker	CAL-AB-407	1E
2BKR52-2426	EQUIPPED SPACE	Circuit Breaker	CAL-AB-407	1E
2BKR52-2427	211 PH PZR HTR MCC	Circuit Breaker	CAL-AB-407	1E
2BKR52-2428	EQUIPPED SPACE	Circuit Breaker	CAL-AB-407	1E
2BKR52-2429	EQUIPPED SPACE	Circuit Breaker	CAL-AB-407	1E
2BKR52-2430	22 PZR HTR PROPORTIONAL CONTROLLER BKR	Circuit Breaker	CAL-AB-407	1E
2BKR52-2435/51/50G	21 PA COMP BKR AMPTECTOR	Circuit Breaker	CAL-AB-407	1E
2BKR2B0446/42/C	PRSR PRESS RELIEF BLOCK VALVE	Circuit Breaker	CAL-AB-414	1E,SBO
2BKR2B0446/42/O	PRSR PRESS RELIEF BLOCK VALVE	Circuit Breaker	CAL-AB-414	1E,SBO
2BKR2B1446/42/C	PRSR PRESS RELIEF BLOCK VALVE	Circuit Breaker	CAL-AB-532	1E,SBO
2BKR2B1446/42/O	PRSR PRESS RELIEF BLOCK VALVE	Circuit Breaker	CAL-AB-532	1E,SBO
2BKR2P0410	CNTRL ROOM HVAC 12	Circuit Breaker	CAL-AB-414	1E
2BKR52-20401	MCC 204R MN FDR BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20402	MCC 204R PENET RM EXH FAN 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20403	MCC 204R CR COND FAN 12 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20404	MCC 204R HEAT TRACING XFMR 22 2X12 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20405	MCC 204R SW AIR COMPR 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20406	MCC 204R BA PP 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20407	MCC 204R LPSI FLO CONTR 2MOV635 BKR	Circuit Breaker	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-20408	MCC 204R LPSI FLO CONTR 2MOV645 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20409	MCC 204R BA TK 21 HTR B B	Circuit Breaker	CAL-AB-414	1E
2BKR52-20410	MCC 204R CR RM HVAC U 12 FAN BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20411	MCC 204R DIESEL GEN MCC 2BG	Circuit Breaker	CAL-AB-414	1E
2BKR52-20412	MCC 204R FW PP RM VENT FAN 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20413	MCC 204R ECCS PP RM EXH FAN 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20414	MCC 204R H2 PURGE SYS 2MOV6901 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20415	SUPP BRKR TO 120 VAC INVE	Circuit Breaker	CAL-AB-414	1E
2BKR52-20416	MCC 204R HPSI FLO CONTR 2MOV616 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20417	MCC 204R HPSI FLO CONTR 2MOV626 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20418	MCC 204R HPSI FLO CONTR 2MOV636 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20419	MCC 204R HPSI FLO CONTR 2MOV646 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20420	TIE BREAKER	Circuit Breaker	CAL-AB-414	1E
2BKR52-20421	MCC 204R HPSI SYS ISOL 2MOV654 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20422	MCC 204R HPSI SYS ISOL 2MOV653 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20423	MCC 204R FIRE SYS CNTMT ISOL 2MOV6200 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20424	SHUTDOWN COOLING RTN HDR ISOL 2-MOV-652	Circuit Breaker	CAL-AB-414	1E
2BKR52-20425	MCC 204R BA FD PP 2MOV514 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20426	MCC 204R FDW TO SG 22 ISOL 2MOV4517 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20427	MCC 204R DISTR XFMR 24 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20428	MCC 204R MS VLV 22 BYP 2MOV4052 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20429	MCC 204R INSTR AC XFMR 22 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20430	MCC 204R CNTMT SUMP TO MISC WST REC TK 2MOV5463 BKR	Circuit Breaker	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-20431	MCC 204R - SPARE	Circuit Breaker	CAL-AB-414	1E
2BKR52-20432	MCC 204R SI RECIRC ISOL 2MOV660 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20433	MCC 204R CR RTN AIR FAN 12 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20434	MCC 204R BA TK 22 HTR B BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20435	MCC 204R LTG XFMR (L-208-210) BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20436	MCC 204R SWGR RM HVAC U 22 FAN BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20437	MCC 204R BATT RM SUPP FAN BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20438	MCC 204R PWR RECEPTACLE BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20439	MCC 204 SPARE	Circuit Breaker	CAL-AB-414	1E
2BKR52-20440	OUTAGE POWER DISC SWITCH 2S0440	Circuit Breaker	CAL-AB-414	1E
2BKR52-20441	MCC 204R POST ACCIDENT SMPL BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20442	MCC 204R SI TK 22B ISOL 2MOV634 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20443	MCC 204R SI TK 22A ISOL 2MOV644 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20444	MCC 204R CNTMT SUMP RECIRC 2MOV4145 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20445	MCC 204R RW TK DISH 2MOV4142 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20446	MCC 204R PRESS RLF ISOL 2MOV403 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20447	MCC 204R CR FILT FAN 12 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20448	MCC 204R ECCS PP RM 22 CLR FANS BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20449	MCC 204R PZR RLF 2ERV404 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20450	SPARE	Circuit Breaker	CAL-AB-414	1E
2BKR52-20451	SRW HTEX RM FAN VU-19B	Circuit Breaker	CAL-AB-414	1E
2BKR52-20452	MCC 204R MAIN VENT PART./TRITIUM SMPL SKID - 2RE5320B	Circuit Breaker	CAL-AB-414	1E
2BKR52-20453	MCC 2045R SPARE BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20454	CAVITY COOLING FAN 22 DAMPER	Circuit Breaker	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-20455	MCC 204R MN EXH FAN 22 DMPR BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20456	MCC 204R SPARE BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20457	MCC 204R CHG PP HPSI AUX HDR 2MOV269 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20458	MCC 204R LPSI WARMUP LINE 2MOV399 BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-20459	MCC BREAKER FOR 1C139/0AE6519	Circuit Breaker	CAL-AB-414	1E
2BKR52-21402	MCC 214R PENET RM EXH FAN 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21403	H2 PURGE REPLACEMENT AIR BLOWER	Circuit Breaker	CAL-AB-532	1E
2BKR52-21404	MCC 214R HEAT TRACING XFMR 21 2XII BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21405	MCC 214R SW AIR COMPR BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21406	MCC 214R BA PP 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21407	MCC 214R LPSI FLO CNTMT 2MOV615 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21408	MCC 214R LPSI FLO CNTMT 2MOV625 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21409	MCC 214R BA TK 21 HTR A B	Circuit Breaker	CAL-AB-532	1E
2BKR52-21410	MCC 214R BABT HTR 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21411	MCC 214R DIESEL GEN MCC 2AG	Circuit Breaker	CAL-AB-532	1E
2BKR52-21412	MCC 214R AUX FDWTR PP RM VENT FAN 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21413	MCC 214R ECCS PP RM EXH FAN 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21414	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21415	MCC 214R CNTMT HTG OUT IS	Circuit Breaker	CAL-AB-532	1E
2BKR52-21416	MCC 214R HPSI AUX FLO CNTMT 2MOV617 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21417	MCC 214R HPSI AUX FLO CNTMT 2MOV627 BKR	Circuit Breaker	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-21418	MCC 214R HPSI AUX FLO CNTMT 2MOV637 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21419	MCC 214R HPSI AUX FLO CNTMT 2MOV647 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21420	MCC 214R TIE BKR	Circuit Breaker	CAL-AB-414	1E
2BKR52-21421	MCC 214R HPSI SYS ISOL 2MOV656 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21422	MCC 214R HPSI SYS ISOL 2MOV655 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21423	MCC 214R RWT STOP 2MOV504	Circuit Breaker	CAL-AB-532	1E
2BKR52-21424	MCC 214R BA GRAVITY FD 2MOV509 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21425	MCC 214R BAPT MIXER 21 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21426	MCC 214R FW TO SG 21 ISOL 2MOV4516 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21427	MCC 214R DISTR XFMR 214 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21428	MCC 214R FW TP SG 21 ISOL 2MOV4516 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21429	MCC 214R INSTR A/C XFMR 2 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21430	MCC 214R BA GRAVITY FD 2MOV508 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21431	MCC 214R VOL CONT TK ISOL 2MOV501 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21432	MCC 214R SI RECIRC ISOL 2MOV659 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21433	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21434	MCC 214R BA TK 22 HTR A B	Circuit Breaker	CAL-AB-532	1E
2BKR52-21435	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21436	MCC 214R SWGR RM HVAC U 21 FAN BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21437	SWR HTEX RM SUP FAN VU-19A BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21438	MCC 214R PWR RECEPTICAL BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21439	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21440	MCC 214R H2 PURGE SYS 2MOV6900 BKR	Circuit Breaker	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-21441	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21442	MCC 214R SIT 21B ISOL 2MOV614 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21443	MCC 214R SIT 21A ISOL 2MOV624 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21444	MCC 214R CNTMT SUMP RECIRC 2MOV4144 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21445	RW TANK DISCH 2-MOV-4143	Circuit Breaker	CAL-AB-532	1E
2BKR52-21446	MCC 214R PRESS RLF ISOL 2MOV405 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21447	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21448	MCC 214R ECCS PP RM 21 CLR FANS BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21449	MCC 214R PRESS RLF 2ERV402 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21450	SPARE	Circuit Breaker	CAL-AB-532	1E
2BKR52-21451	MCC 214R MAIN VENT PART./TRITIUM SMPL SKID - 2RE5320A	Circuit Breaker	CAL-AB-532	1E
2BKR52-21452	MCC 214R H2 PURGE SYS 2MOV6903 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21453	MCC 214R IA CONTR ISOL 2MOV2080 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21454	CAVITY COOLING FAN 21 DAMPER	Circuit Breaker	CAL-AB-532	1E
2BKR52-21455	MCC 214R MN EXH FAN 21 DMPR BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21456	MCC 214R H2 PURGE SYS 2MOV6902 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21457	MCC 214R CNTMT SUMP TO MISC WST REC TK 2MOV5462 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21458	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21459	MCC 214R CONTAINMENT INTERIOR EQUIPMENT HATCH HOIST	Circuit Breaker	CAL-AB-532	1E
2BKR52-21462	MCC 214R (SPARE)	Circuit Breaker	CAL-AB-532	1E
2BKR52-21463	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21464	MCC 214R POST ACCIDENT SAMP STS BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21465	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR52-21466	MCC 214R SD CLG RTN HDR ISOL 2MOV651 BKR	Circuit Breaker	CAL-AB-532	1E
2BKR52-21467	MCC 214R SPARE BKR	Circuit Breaker	CAL-AB-532	1E
2BKR2P9301	PAMS BKR FOR 2C182A	Circuit Breaker	CAL-AB-302	1E
2BKR2P9302	PAMS BKR FOR 2PAMSA	Circuit Breaker	CAL-AB-302	1E
2BKR2P9303	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9304	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9305	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9306	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9307	PAMS BKR FOR 2C144A	Circuit Breaker	CAL-AB-302	1E
2BKR2P9308	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9309	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9310	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9311	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9312	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9401	PAMS BKR FOR 2C182B	Circuit Breaker	CAL-AB-302	1E
2BKR2P9402	PAMS BKR FOR 2PAMSB	Circuit Breaker	CAL-AB-302	1E
2BKR2P9403	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9404	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9405	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9406	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9407	PAMS BKR FOR 2C144B	Circuit Breaker	CAL-AB-302	1E
2BKR2P9408	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9409	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9410	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2P9411	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR2P9412	PAMS SPARE BKR	Circuit Breaker	CAL-AB-302	1E
2BKR2Y01A/CB1	INVERTER 21 DC INPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y01A/CB2	INVERTER 21 DC INPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y02A/CB1	INVERTER 22 DC INPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y02A/CB2	INVERTER 22 DC INPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y03A/CB1	INVERTER 23 DC INPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y03A/CB2	INVERTER 23 DC INPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y04A/CB1	INVERTER 24 DC INPUT BREAKER #1	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR2Y04A/CB2	INVERTER 24 DC INPUT BREAKER #2	Circuit Breaker	CAL-AB-302	1E,SBO
2BKR152-2103	DG 2A TO 4KV BUS 21	Circuit Breaker	CAL-AB-311	1E
2BKR152-2403	DG 2B TO 4KV BUS 24	Circuit Breaker	CAL-AB-407	1E
2BKR2N2AG04-1	2A EDG STBY JACKET COOLANT	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-2	2A EDG STBY JACKET COOLANT	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-3	2A EDG STBY LO HTR BKR	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-4	2A EDG STBY LO PUMP BKR	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-5	2A EDG PRE-LUBE PP BKR	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-6	2A EDG GEN SPACE HTR BKR	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-7	2A EDG HOUR METER BKR	Circuit Breaker	CAL-AB-422	1E
2BKR2N2AG04-8	2A EDG SPARE BREAKER	Circuit Breaker	CAL-AB-422	1E
2BKR2N2BG04-1	2B DG JACKET COOLANT HEATER	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-2	2B DG JACKET COOLANT PUMP	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-3	2B DG LUBE OIL HEATER BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-4	2B DG LUBE OIL PUMP MTR BKR	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-5	2B DG PRE-LUBE PUMP MTR BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-6	2B DG GEN SPACE HTR BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR2N2BG04-7	2B DG HOUR METER BREAKER	Circuit Breaker	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR2N2BG04-8	2B DG SPARE BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR52-2AG01	2A EDG ROOM EXHAUST FAN M	Circuit Breaker	CAL-AB-422	1E
2BKR52-2AG02	2A EDG FUEL XFER PUMP MTR	Circuit Breaker	CAL-AB-422	1E
2BKR52-2AG03	2A EDG START AIR COMPR MTR	Circuit Breaker	CAL-AB-422	1E
2BKR52-2AG04	2A EDG ENG AUX POWER PNL	Circuit Breaker	CAL-AB-422	1E
2BKR52-2BG01	2B DG ROOM EXHAUST FAN MOTOR BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR52-2BG02	2B DG FO XFER PUMP MOTOR BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR52-2BG03	2B DG STARTING AIR COMPR MTR BKR	Circuit Breaker	CAL-AB-416	1E
2BKR52-2BG04	2B DG ENGINE AUX POWER PANEL BREAKER	Circuit Breaker	CAL-AB-416	1E
2BKR2C100A/CB1	AFAS SYS A ACTUATION CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C100B/CB1	AFAS SYS B ACTUATION CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C100D/CB1	AFAS SYS D SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C100E/CB1	AFAS SYS E SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C100F/CB1	AFAS SYS F SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C100G/CB1	AFAS SYS G SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C67L/CB1	ESFAS SYS A ACTUATION CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C68L/CB1	ESFAS SYS B ACTUATION CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C91/CB1	ESFAS SYS D SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C92/CB1	ESFAS SYS E SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C93/CB1	ESFAS SYS F SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2C94/CB1	ESFAS SYS G SENSOR CAB	Circuit Breaker	CAL-AB-302	1E
2BKR2NA110/42	HPSI PP 23 MOTOR OP DISC SW	Circuit Breaker	CAL-AB-311	1E
2BKR2NA410/42	HPSI PUMP 23 DISCONNECT	Circuit Breaker	CAL-AB-407	1E
2BKR2C15A/CB(A)	REACTOR PROTECTION SYS CAB A	Circuit Breaker	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKR2C15A/CB-1	REACTOR PROTECTION SYS CAB A	Circuit Breaker	CAL-AB-405	1E
2BKR2C15B/CB(B)	REACTOR PROTECTION SYS CAB B	Circuit Breaker	CAL-AB-405	1E
2BKR2C15B/CB-2	REACTOR PROTECTION SYS CAB B	Circuit Breaker	CAL-AB-405	1E
2BKR2C15C/CB(C)	REACTOR PROTECTION SYS CAB C	Circuit Breaker	CAL-AB-405	1E
2BKR2C15C/CB-3	REACTOR PROTECTION SYS CAB C	Circuit Breaker	CAL-AB-405	1E
2BKR2C15D/CB(D)	REACTOR PROTECTION SYS CAB D	Circuit Breaker	CAL-AB-405	1E
2BKR2C15D/CB-4	REACTOR PROTECTION SYS CAB D	Circuit Breaker	CAL-AB-405	1E
2BKR2C15X/CB(A)	REACTOR PROTECTION SYS- CHAN A	Circuit Breaker	CAL-AB-405	1E
2BKR2C15X/CB(B)	REACTOR PROTECTION SYS- CHAN B	Circuit Breaker	CAL-AB-405	1E
2BKR2C15X/CB(C)	REACTOR PROTECTION SYS- CHAN C	Circuit Breaker	CAL-AB-405	1E
2BKR2C15X/CB(D)	REACTOR PROTECTION SYS- CHAN D	Circuit Breaker	CAL-AB-405	1E
2BKR2Q01A	2 RPS RX TRIP SWGR CAB A	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01A/TCB-1	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01A/TCB-5	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01B	2 RPS RX TRIP SWGR CAB B	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01B/TCB-2	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01B/TCB-6	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01D	2 RPS RX TRIP SWGR CAB C	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01D/TCB-3	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01D/TCB-7	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01E	2 RPS RX TRIP SWGR CAB D	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01E/TCB-4	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKR2Q01E/TCB-8	CEDM TRIP CIRCUIT BREAKER	Circuit Breaker	CAL-AB-302	1E
2BKRNX001A-CB1	CH A NIS WR PWR SUPP BKR	Circuit Breaker	CAL-AB-405	PAM1,SBO
2BKRNX002B-CB1	CH B NIS WR PWR SUPP BKR	Circuit Breaker	CAL-AB-405	PAM1,SBO
2BKRNX003C-CB1	CH C NIS WR PWR SUPP BKR	Circuit Breaker	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2BKRN004D-CB1	CH D NIS WR PWR SUPP BKR	Circuit Breaker	CAL-AB-405	PAM1,SBO
2PNL2C61D	2B DG CNTL PNL 2C61D	Cabinet	CAL-AB-416	Not Applicable
2PNL2C61B	2B DG LOCAL CONTROL PANEL	Cabinet	CAL-AB-416	CATI
2COMPSWAC21A	21 SW AIR COMP A	Compressor	CAL-AB-205	1M,PB
2COMPSWAC21B	21 SW AIR COMP B	Compressor	CAL-AB-205	1M,PB
2PNL2C61C	2B DG LOCAL CONTROL PANEL	Cabinet	CAL-AB-416	CATI
2COMPSWAC22B	22 SW AIR COMP B	Compressor	CAL-AB-205	1M,PB
2NB102	CNTMT COOL FAN 21 CONTROLLER	Cabinet	CAL-AB-409	1E
2COMP5428-1	21 SWGR HVAC CKT1 COMPR #1	Compressor	CAL-AB-ARF	1M,PB
2COMP5428-2	21 SWGR HVAC CKT1 COMPR #2	Compressor	CAL-AB-ARF	1M,PB
2COMP5428-3	21 SWGR HVAC CKT2 COMPR #3	Compressor	CAL-AB-ARF	1M,PB
2COMP5428-4	21 SWGR HVAC CKT2 COMPR #4	Compressor	CAL-AB-ARF	1M,PB
2COMP5428A1	22 SWGR HVAC CKT1 COMPR #1	Compressor	CAL-AB-ARF	1M,PB
2COMP5428A2	22 SWGR HVAC CKT1 COMPR #2	Compressor	CAL-AB-ARF	1M,PB
2COMP5428A3	22 SWGR HVAC CKT2 COMPR #3	Compressor	CAL-AB-ARF	1M,PB
2COMP5428A4	22 SWGR HVAC CKT2 COMPR #4	Compressor	CAL-AB-ARF	1M,PB
2RY2B111/CX	BKR 52-2111 BATT CHGR 23 125V	Control General Purpose	CAL-AB-311	1E
2RY2B120/CX	BKR 52-2120 BATTERY CHARGER 22	Control General Purpose	CAL-AB-311	1E
2RY2B407/CX	BKR 52-2407 BATT CHARGER 21	Control General Purpose	CAL-AB-407	1E
2RY2B420/CX	BKR 52-2420 BATTERY CHARGER 24	Control General Purpose	CAL-AB-407	1E
2RY2D05/27/VSA21	2CHGR21 DC OUTOUT FAIL ALARM	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2D05/27/VSA23	BATT CHRG 21 DC U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D05/27/VSA24	BATT CHRG 21 AC U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D05/37/CSA21	2CHGR21 LOW DC CURRENT ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D05/59/VSA22	BATT CHRG 21 DC O/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D05/59/VSA25	2CHGR21 DC OVERVOLTAGE TRIP	Control General Purpose	CAL-AB-306	1E
2RY2D05/K21	2CHGR21 DC OUTPUT FAIL ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K22	2CHGR21 LOW DC CURRENT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K23	2CHGR21 OVERTEMP ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K24	2CHGR21 AC FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K25	BATT CHRG 21 DC O/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K26	BATT CHRG 21 DC U/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K27	2CHGR21 CHARGER FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K28	2CHGR21 CURRENT LIMIT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D05/K29	2CHGR21 DC OUTPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2D05/K30	2CHGR21 AC IMPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/27/VSA21	2CHGR22 DC OUTOUT FAIL ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D06/27/VSA23	BATT CHRG 22 DC U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D06/27/VSA24	BATT CHRG 22 AC U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D06/37/CSA21	2CHGR22 LOW DC CURRENT ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D06/59/VSA22	BATT CHRG 22 DC O/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2D06/59/VSA25	2CHGR22 DC OVERVOLTAGE TRIP	Control General Purpose	CAL-AB-306	1E
2RY2D06/BVM	BATT CHRG 22 DC VOLTMETER	Control General Purpose	CAL-AB-302	1E,SBO
2RY2D06/K21	2CHGR22 DC OUTPUT FAIL ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K22	2CHGR22 LOW DC CURRENT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K23	2CHGR22 OVERTEMP ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K24	2CHGR22 AC FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K25	BATT CHRG 22 DC O/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K26	BATT CHRG 22 DC U/V AUX RELAY	Control General Purpose	CAL-AB-306	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2D06/K27	2CHGR22 CHARGER FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K28	2CHGR22 CURRENT LIMIT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K29	2CHGR22 DC OUTPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D06/K30	2CHGR22 AC IMPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/27/VSA21	2CHGR23 DC OUTOUT FAIL ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D07/27/VSA23	BATT CHRG 23 DC U/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/27/VSA24	BATTERY CHRG 23 AC U/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/37/CSA21	2CHGR23 LOW DC CURRENT ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D07/59/VSA22	BATT CHRG 23 DC O/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/59/VSA25	2CHGR23 DC OVERVOLTAGE TRIP	Control General Purpose	CAL-AB-306	1E
2RY2D07/K21	2CHGR23 DC OUTPUT FAIL ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K22	2CHGR23 LOW DC CURRENT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K23	2CHGR23 OVERTEMP ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K24	2CHGR23 AC FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2D07/K25	BATT CHRG 23 DC O/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K26	BATT CHRG 23 DC U/V AUX RELAY	Control General Purpose	CAL-AB-306	1E,SBO
2RY2D07/K27	2CHGR23 CHARGER FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K28	2CHGR23 CURRENT LIMIT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K29	2CHGR23 DC OUTPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D07/K30	2CHGR23 AC INPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/27/VSA21	2CHGR24 DC OUTOUT FAIL ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D08/27/VSA23	BATT CHRG 24 DC U/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/27/VSA24	BATT CHRG 24 AC U/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/37/CSA21	2CHGR24 LOW DC CURRENT ALARM	Control General Purpose	CAL-AB-306	1E
2RY2D08/59/VSA22	BATT CHRG 24 DC O/V RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/59/VSA25	2CHGR24 DC OVERVOLTAGE TRIP	Control General Purpose	CAL-AB-306	1E
2RY2D08/K21	2CHGR24 DC OUTPUT FAIL ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K22	2CHGR24 LOW DC CURRENT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2D08/K23	2CHGR24 OVERTEMP ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K24	2CHGR24 AC FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K25	BATT CHRG 24 DC O/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K26	BATT CHRG 24 DC U/V AUX RELAY	Control General Purpose	CAL-AB-306	1E,SBO
2RY2D08/K27	2CHGR24 CHARGER FAILURE ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K28	2CHGR24 CURRENT LIMIT ALARM AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K29	2CHGR24 DC OUTPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D08/K30	2CHGR24 AC INPUT CB OPEN AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2D100/27/B21	125VDC BUS 21 U/V RELAY	Control General Purpose	CAL-AB-302	PAM2
2RY2D100/27X/B21	125VDC BUS 21 U/V TIMING RELAY	Control General Purpose	CAL-AB-302	PAM2
2RY2D100/27XX/B21	125VDC BUS 21 U/V AUX RELAY	Control General Purpose	CAL-AB-405	PAM2
2RY2D200/27/B22	125VDC BUS 22 U/V RELAY	Control General Purpose	CAL-AB-302	PAM2
2RY2D200/27X/B22	125VDC BUS 22 U/V TIMING RELAY	Control General Purpose	CAL-AB-302	PAM2
2RY2D200/27XX/B22	125VDC BUS 22 U/V AUX RELAY	Control General Purpose	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY127/B21A	BUS 21 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY127/B21B	BUS 21 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY127/B21C	BUS 21 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY127/B21D	BUS 21 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY127/B24A	BUS 24 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-407	1E
2RY127/B24B	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E
2RY127/B24C	BUS 24 UNDERVOLTAGE RELAY	Control General Purpose	CAL-AB-407	1E
2RY127/B24D	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E
2RY150/151/SF	13/4KV SWITCHYARD FEEDER	Control General Purpose	CAL-AB-311	1E
2RY150G/SF	13/4KV SWITCHYARD FEEDER	Control General Purpose	CAL-AB-311	1E
2RY151/B21A	13/4KV SERV BUS 21 FEEDER	Control General Purpose	CAL-AB-311	1E
2RY151/B21B	13/4KV SERV BUS 21 FEEDER	Control General Purpose	CAL-AB-311	1E
2RY151/B24A	13/4KV SERV BUS 24 FEEDER	Control General Purpose	CAL-AB-407	1E
2RY151/B24B	13/4KV SERV BUS 24 FEEDER	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY151G/B21A	13/4KV SERV BUS 21 FEEDER	Control General Purpose	CAL-AB-311	1E
2RY151G/B21B	13/4KV SERV BUS 21 FEEDER	Control General Purpose	CAL-AB-311	1E
2RY151G/B24A	13/4KV SERV BUS 24 FEEDER	Control General Purpose	CAL-AB-407	1E
2RY151G/B24B	13/4KV SERV BUS 24 FEEDER	Control General Purpose	CAL-AB-407	1E
2RY186/24-A	BKR 152-2401 FROM U-4000-22	Control General Purpose	CAL-AB-407	1E,SBO
2RY186/24-B	152-2414, BUS 24 LOCKOUT RELAY	Control General Purpose	CAL-AB-407	1E
2RY186/B21A	BKR 152-2115 TRANSF U-4000-22	Control General Purpose	CAL-AB-311	1E
2RY186/B21B	BKR 152-2101 FROM U-4000-12	Control General Purpose	CAL-AB-311	1E,SBO
2RY2/B21A	BUS 21 DEGRADED VOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY2/B21B	BUS 21 DEGRADED VOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY2/B21C	BUS 21 DEGRADED VOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY2/B21D	BUS 21 DEGRADED VOLTAGE RELAY	Control General Purpose	CAL-AB-311	1E
2RY2/B24A	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E
2RY2/B24B	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2/B24C	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E
2RY2/B24D	13/4KV BUS 24 U/V RY	Control General Purpose	CAL-AB-407	1E
2RY2A01/152X1	SERVICE WATER PUMP 21 CLOSE (152-2109)	Control General Purpose	CAL-AB-311	1E
2RY2A04/152X1	SERVICE WATER PUMP 22 TRIP (152-2409)	Control General Purpose	CAL-AB-407	1E
2RY2A100/3BUS21	BUS 21 LOAD SHED VERIFICATION RELAY	Control General Purpose	CAL-AB-311	1E,SBO
2RY2A100/74	BUS 21 LOAD SHED VER IND RELAY	Control General Purpose	CAL-AB-311	1E
2RY2A103/2/SMA	BKR 152-2103 FROM DIESEL 2A	Control General Purpose	CAL-AB-311	1E
2RY2A106/2/SMA	BKR 152-2106 FROM DIESEL 0C	Control General Purpose	CAL-AB-311	1E
2RY2A400/3BUS24	BUS 24 LOAD SHED VERIFICATION RELAY	Control General Purpose	CAL-AB-407	1E,SBO
2RY2A400/74	BUS 24 LOAD SHED VER IND RELAY	Control General Purpose	CAL-AB-407	1E
2RY2A403/2/SMA	DG 2B FDR BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-407	1E
2RY2A415/186	BKR 152-2415 AUX FW PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A415/74	BKR 152-2415 AUX FW PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2B110/CX	BKR 52-2110 SWGR RM A/C COMP21	Control General Purpose	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B424/CX	BKR 52-2424 SWGR RM A/C COMP22	Control General Purpose	CAL-AB-407	1E
2RY150/151/T21A	480V SERV XFMR U-440-21A	Control General Purpose	CAL-AB-311	1E
2RY150/151/T21B	480V SERV XFMR U-440-21B	Control General Purpose	CAL-AB-311	1E
2RY150/151/T24A	480V SERV XFMR U-440-24A	Control General Purpose	CAL-AB-407	1E
2RY150/151/T24B	480V SERV XFMR U-440-24B	Control General Purpose	CAL-AB-407	1E
2RY150G/T21A	480V SERV XFMR U-440-21A	Control General Purpose	CAL-AB-311	1E
2RY150G/T21B	480V SERV XFMR U-440-21B	Control General Purpose	CAL-AB-311	1E
2RY150G/T24A	480V SERV XFMR U-440-24A	Control General Purpose	CAL-AB-407	1E
2RY150G/T24B	480V SERV XFMR U-440-24B	Control General Purpose	CAL-AB-407	1E
2RY151/127/B21B	EDG 2A SERV BUS 21 VOLT CONT	Control General Purpose	CAL-AB-311	1E
2RY2B103/CX	BKR 52-2103 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B107/CX	BKR 52-2107 BATT CHARGER 250V	Control General Purpose	CAL-AB-311	1E
2RY2B109/CX	BKR 52-2109 TURB MCC 201AT	Control General Purpose	CAL-AB-311	1E
2RY2B112/CX	BKR 52-2112 FROM U-440-21A	Control General Purpose	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B113/CX	BKR 52-2113 FROM TX U-440-21B	Control General Purpose	CAL-AB-311	1E
2RY2B121/2/SIA823	BKR 52-2121 CONT FILTER 23	Control General Purpose	CAL-AB-311	1E
2RY2B123/CX	BKR 52-2123 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B124/CX	BKR 52-2124 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B126/CX	BKR 52-2126 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B127/CX	BKR 52-2127 BU PR HTR MCC209PH	Control General Purpose	CAL-AB-311	1E
2RY2B128/CX	BKR 52-2128 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B129/CX	BKR 52-2129 SPACE	Control General Purpose	CAL-AB-311	1E
2RY2B403/CX	BKR 52-2403 SPACE	Control General Purpose	CAL-AB-407	1E
2RY2B410/CX	BKR 52-2410 SPACE	Control General Purpose	CAL-AB-407	1E
2RY2B412/CX	BKR 52-2412 FROM TX U-440-24A	Control General Purpose	CAL-AB-407	1E
2RY2B413/CX	BKR 52-2413 FROM TX U-440-24B	Control General Purpose	CAL-AB-407	1E
2RY2B419/CX	BKR 52-2419 TURBINE MCC 201BT	Control General Purpose	CAL-AB-407	1E
2RY2B425/CX	BKR 52-2425 SPACE	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B426/CX	BKR 52-2426 SPACE	Control General Purpose	CAL-AB-407	1E
2RY2B427/CX	BKR52-2427 PRESS HTR MCC 211PH	Control General Purpose	CAL-AB-407	1E
2RY2B428/CX	BKR 52-2428 SPACE	Control General Purpose	CAL-AB-407	1E
2RY2B429/CX	BKR 52-2429 SPACE	Control General Purpose	CAL-AB-407	1E
2RY51G/T21A	480V SERV XFMR U-440-21A GROUND RELAY	Control General Purpose	CAL-AB-311	1E
2RY51G/T21B	480V SERV XFMR U-440-21B GROUND RELAY	Control General Purpose	CAL-AB-311	1E
2RY51G/T24A	480V SERV XFMR U-440-24A GROUND RELAY	Control General Purpose	CAL-AB-407	1E
2RY51G/T24B	480V SERV XFMR U-440-24B GROUND RELAY	Control General Purpose	CAL-AB-407	1E
2RY52-2127/51/50G	209 PZR HTR MCC FDR BKR AMPTECTOR	Control General Purpose	CAL-AB-311	1E
2RY52-2130/51/50G	21 PZR HTR PROP. CONT. FDR BKR AMPTECTOR	Control General Purpose	CAL-AB-311	1E
2RY52-2427/51/50G	211 PZR HTR MCC FDR BKR AMPTECTOR	Control General Purpose	CAL-AB-407	1E
2RY52-2430/51/50G	22 PZR HTR PROP. CONT. FDR BKR AMPTECTOR	Control General Purpose	CAL-AB-407	1E
2RY2B110/1UV1	21 SWGR HVAC CNDSR UNIT UV RELAY	Control General Purpose	CAL-AB-ARF	1E
2RY2B424/1UV1	22 SWGR HVAC CNDSR UNIT UV RELAY	Control General Purpose	CAL-AB-ARF	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A109/150/151	SRW PP 21 MTR OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A109/150G	SRW PP 21 REL	Control General Purpose	CAL-AB-311	1E
2RY2A109/186	BKR 152-2109 SERV WATER PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A109/2/SA721	BKR 152-2109 SERV WATER PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A109/2/SMA	SER WTR PP 21 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-311	1E
2RY2A109/74	BKR 152-2109 SERV WATER PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A111/150/151	SRW PP 23 MTR OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A111/150G	SRW PP 23 GND OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A111/186	BKR 152-2111 SERV WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A111/2/SA7	BKR 152-2111 SERV WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A111/2/SA723	BKR 152-2111 SERV WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A111/2/SMD	SER WTR PP 23 BKR SPRG CHRG FA	Control General Purpose	CAL-AB-311	1E
2RY2A111/74	BKR 152-2111 SERV WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A409/150/151	SRW PP 22 MTR OVERCURRENT	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A409/150G	SRW PP 22 GND OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A409/186	BKR 152-2409 SERV WTR PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A409/2/SB722	BKR 152-2409 SERV WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A409/2/SMB	BKR 152-2409 SER WATER PP 22	Control General Purpose	CAL-AB-407	1E
2RY2A409/74	BKR 152-2409 SERV WTR PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A411/150/151	SRW PP 23 MTR OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A411/150G	SRW PP 23 GND OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A411/186	BKR 152-2411 SERV WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A411/2/SB7	KR 152-2411 SERV WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A411/2/SB723	BKR 152-2411 SERV WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A411/2/SMC	SER WTR PP 23 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-407	1E
2RY2A411/74	BKR 152-2411 SERV WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2V1581/3/1	CNTMT CLR 21/22 INLET VLV RLY	Control General Purpose	CAL-AB-405	1E
2RY2V1589/3/1	CNTMT CLR 23/24 INLET VLV RLY	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A105/150/151	SW PP 21 MTR OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A105/150G	SW PP 21 GND OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A105/186	BKR 152-2105 TO SALT WTR PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A105/2/SA821	BKR 152-2105 TO SALT WTR PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A105/2/SMA	BKR 152-2105 TO SALT WTR PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A105/74	BKR 152-2105 TO SALT WTR PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A112/150/151	SW PP 23 MTR OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A112/150G	SW PP 23 GND OVERCURRENT	Control General Purpose	CAL-AB-311	1E
2RY2A112/186	BKR 152-2112 SALT WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A112/2/SA8	BKR 152-2112 SALT WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A112/2/SA823	BKR 152-2112 SALT WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A112/2/SMD	SALT WATER PP 23 BKR SPRG CHRNG FAIL	Control General Purpose	CAL-AB-311	1E
2RY2A112/74	BKR 152-2112 SALT WATER PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A405/150/151	SW PP 22 MTR OVERCURRENT	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A405/150G	SW PP 22 GND OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A405/186	BKR 152-2405 SALT WTR PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A405/2/SB822	BKR 152-2405 SALT WTR PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A405/2/SMB	SALT WTR 22 BKR SPRG CHR G FAIL	Control General Purpose	CAL-AB-407	1E
2RY2A405/74	BKR 152-2405 SALT WTR PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A412/150/151	SW PP 23 MTR OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A412/150G	SW PP 23 GND OVERCURRENT	Control General Purpose	CAL-AB-407	1E
2RY2A412/186	BKR 152-2412 SALT WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A412/2/SB8	BKR 152-2412 SALT WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A412/2/SB823	BKR 152-2412 SALT WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A412/2/SMC	SALT WTR PP 23 BKR SPRG CHR G FA	Control General Purpose	CAL-AB-407	1E
2RY2A412/74	BKR 152-2412 SALT WTR PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2V5148/2-1	STRAINER 21A FLUSH CONTROL	Control General Purpose	CAL-AB-205	1E
2RY2V5148/2-1A	21A/21B SRW HX STRAINER FLUSH CONTROL (INST.)	Control General Purpose	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2V5148/2-2	STRAINER 21B FLUSH CONTROL	Control General Purpose	CAL-AB-205	1E
2RY2V5148/2-2A	21A/21B SRW HX STRAINER FLUSH CONTROL (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5148/2-3	STRAINER 21A VLV ALIGNMENT INDICATOR	Control General Purpose	CAL-AB-205	1E
2RY2V5148/2-4	STRAINER 21B VLV ALIGNMENT INDICATOR	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-1	STRAINER 21A HIGH D/P	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-2	STRAINER 21B HIGH D/P	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-3	POWER AVAILABLE	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-4	STRAINER 21A MODE SELECT AUX.	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-5	21A BASKET STRAINER LOW FLOW ALARM CUTOUT	Control General Purpose	CAL-AB-205	1E
2RY2V5148/3X-6	21B BASKET STRAINER LOW FLOW ALARM CUTOUT	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-1	STRAINER 21A/21B FLUSH CYCLE TIME	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-2	STRAINER 21A FLUSH CYCLE TIME	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-2A	21A/21B SRW HX STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-3	STRAINER 21A/21B FLUSH CYCLE TIME	Control General Purpose	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2V5148/62-4	STRAINER 21B FLUSH CYCLE TIME	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-4A	21A/21B SRW HX STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-5	STRAINER 21A/21B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-5A	21A/21B STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-6	STRAINER 21A/21B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5148/62-6A	21A/21B STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-1	STRAINER 21A FLUSH CONTROL	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-1A	22A/22B SRW HX STRAINER FLUSH CONTROL (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-2	STRAINER 22B FLUSH CONTROL	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-2A	22A/22B SRW HX STRAINER FLUSH CONTROL (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-3	STRAINER 22A VLV ALIGNMENT INDICATOR	Control General Purpose	CAL-AB-205	1E
2RY2V5158/2-4	STRAINER 22B VLV ALIGNMENT INDICATOR	Control General Purpose	CAL-AB-205	1E
2RY2V5158/3X-1	STRAINER 22A HIGH D/P	Control General Purpose	CAL-AB-205	1E
2RY2V5158/3X-2	STRAINER 22B HIGH D/P	Control General Purpose	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2V5158/3X-3	POWER AVAILABLE	Control General Purpose	CAL-AB-205	1E
2RY2V5158/3X-4	STRAINER 22A MODE SELECT AUX.	Control General Purpose	CAL-AB-205	1E
2RY2V5158/3X-5	22A BASKET STRAINER LOW FLOW ALARM CUTOFF	Control General Purpose	CAL-AB-205	1E
2RY2V5158/3X-6	22B BASKET STRAINER LOW FLOW ALARM CUTOFF	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-1	STRAINER 22A/22B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-2	STRAINER 22A FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-2A	22A/22B SRW HX STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-3	STRAINER 22A/22B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-4	STRAINER 22B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-4A	22A/22B SRW HX STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-5	STRAINER 22A/22B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-5A	22A/22B STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-6	STRAINER 22A/22B FLUSH CYCLE TIMER	Control General Purpose	CAL-AB-205	1E
2RY2V5158/62-6A	22A/22B STRAINER FLUSH CYCLE (INST.)	Control General Purpose	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B106/2/SA721	BKR 52-2106 COMP COOLING PP 21	Control General Purpose	CAL-AB-311	1E
2RY2B106/CX	BKR 52-2106 COMP COOLING PP 21	Control General Purpose	CAL-AB-311	1E
2RY2B116/2/SA7	BKR 52-2116 COMP CLG PP 23	Control General Purpose	CAL-AB-311	1E
2RY2B116/2/SA723	BKR 52-2116 COMP CLG PP 23	Control General Purpose	CAL-AB-311	1E
2RY2B116/CX	BKR 52-2116 COMP CLG PP 23	Control General Purpose	CAL-AB-311	1E
2RY2B406/2/SB722	BKR 52-2406 COMP COOLING PP 22	Control General Purpose	CAL-AB-407	1E
2RY2B406/CX	BKR 52-2406 COMP COOLING PP 22	Control General Purpose	CAL-AB-407	1E
2RY2B416/2/SB7	BKR 52-2416 COMP CLG PP23	Control General Purpose	CAL-AB-407	1E
2RY2B416/2/SB723	BKR 52-2416 COMP CLG PP23	Control General Purpose	CAL-AB-407	1E
2RY2B416/CX	BKR 52-2416 COMP CLG PP23	Control General Purpose	CAL-AB-407	1E
2RY2NB116/CCX	DISC SW 89-2116 COMP CLG PP 23	Control General Purpose	CAL-AB-311	1E
2RY2NB416/CCX	DISC SW 89-2416 COMP CLG PP 23	Control General Purpose	CAL-AB-407	1E
2PNL2C08	ENGINEERING SAFEGUARDS CONTROL	Cabinet	CAL-AB-405	CATI
2RY2Y01A/27/1VSA2 2	21 INVERTER #1 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2Y01A/27/2VSA2 2	21 INVERTER #2 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y01A/27/BY21	2Y01 INVERTER	Control General Purpose	CAL-AB-405	1E
2RY2Y01A/27/I21	INVERTER 21 UNDER VOLT RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y01A/64/B21	2Y01 INVERTER	Control General Purpose	CAL-AB-302	1E
2RY2Y02A/27/1VSA2 2	22 INVERTER #1 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y02A/27/2VSA2 2	22 INVERTER #2 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y02A/27/BY22	2Y02 INVERTER	Control General Purpose	CAL-AB-405	1E
2RY2Y02A/27/I22	INVERTER 22 UNDER VOLT RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y02A/64/B22	2Y02 INVERTER	Control General Purpose	CAL-AB-302	1E
2RY2Y03A/27/1VSA2 2	23 INVERTER #1 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y03A/27/2VSA2 2	23 INVERTER #2 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y03A/27/BY23	2Y03 INVERTER	Control General Purpose	CAL-AB-405	1E
2RY2Y03A/27/I23	INVERTER 23 UNDER VOLT RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y03A/64/B23	2Y03 INVERTER	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2Y04A/27/1VSA2 2	24 INVERTER #1 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y04A/27/2VSA2 2	24 INVERTER #2 UNDER VOLTAGE RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y04A/27/BY24	2Y04 INVERTER	Control General Purpose	CAL-AB-405	1E
2RY2Y04A/27/I24	INVERTER 24 UNDER VOLT RELAY	Control General Purpose	CAL-AB-302	1E,SBO
2RY2Y04A/64/B24	2Y04 INVERTER	Control General Purpose	CAL-AB-302	1E
2RY2B0405/X1	SW AIR COMPR 22 CONTR RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B118/62	BKR 52-2118 INSTR AIR COMPR 21	Control General Purpose	CAL-AB-311	1E
2RY2B118/CX	BKR 52-2118 INSTR AIR COMPR 21	Control General Purpose	CAL-AB-311	1E
2RY2B1405/X1	SW AIR COMPRESSOR 21 CONTR RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B418/62	BKR 52-2418 INSTR AIR COMPR 22	Control General Purpose	CAL-AB-407	1E
2RY2B418/CX	BKR 52-2418 INSTR AIR COMPR 22	Control General Purpose	CAL-AB-407	1E
2RY2B423/CX	BKR 52-2423 PLT AIR COMPR 21	Control General Purpose	CAL-AB-407	1E
2RY2Y0118/74X	CTMT INSTR AIR HEADER CNTR	Control General Purpose	CAL-AB-311	1E
2RY2Y0118/TDR	CONTAINMENT IA HEADER CNTR - CV2085	Control General Purpose	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYSIASA1	21 IA SW AIR COMPR SIAS C	Control General Purpose	CAL-AB-302	1E
2RYSIASB1	22 IA SW AIR COMPR SIAS C	Control General Purpose	CAL-AB-302	1E
2RY151/127/B24A	EDG 2B SERV BUS 24 VOLT CONT	Control General Purpose	CAL-AB-407	1E
2RY2A/127/DA	2A DG GEN RY - UNDERVOLT	Control General Purpose	CAL-AB-306	1E
2RY2A/127/DB	2A DG GEN RY - UNDERVOLT	Control General Purpose	CAL-AB-306	1E
2RY2A/132	DG 2A REVERSE POWER RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/140	DG 2A LOSS OF FIELD RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/151G	DG 2A GROUND OVERCURRENT RELY	Control General Purpose	CAL-AB-422	1E
2RY2A/159	2A DG GEN RY - OVERVOLTA	Control General Purpose	CAL-AB-422	1E
2RY2A/181/DA	DG 2A UNDERFREQUENCY RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/181/DB	DG 2A UNDER FREQUENCY RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/186	DG 2A GEN LOCKOUT RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/187	DG 2A DIFFERENTIAL RELAY	Control General Purpose	CAL-AB-422	1E
2RY2A/194	DG 2A U/F & RESERVE PWR RELAY	Control General Purpose	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A106/151/DB/1	OC DG OVERCURRENT RELAY PH A	Control General Purpose	CAL-AB-311	1E
2RY2A106/151/DB/2	0C DG OVERCURRENT RELAY PH C	Control General Purpose	CAL-AB-311	1E
2RY2A106/151G/DB	OC DG GROUND OVERCURRENT RELAY	Control General Purpose	CAL-AB-311	1E
2RY2A406/151/DB/1	OC DG OVERCURRENT RELAY PH A	Control General Purpose	CAL-AB-407	1E,SBO
2RY2A406/151/DB/2	OC DG OVERCURRENT RELAY PH C	Control General Purpose	CAL-AB-407	1E,SBO
2RY2A406/151G/DB	OC DG GROUND OVERCURRENT RELAY	Control General Purpose	CAL-AB-407	1E,SBO
2RY2B/127/DA	DG 2B U/V AUX RELAY	Control General Purpose	CAL-AB-302	1E
2RY2B/127/DB	2B EDG GEN RY - UNDERVOLTAGE	Control General Purpose	CAL-AB-302	1E
2RY2B/132	DG 2B REVERSE POWER RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B/140	DG 2B LOSS OF FIELD RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B/151G	DG 2B GROUND OVERCURRENT REL	Control General Purpose	CAL-AB-416	1E
2RY2B/159	2B DG GEN RY - OVERVOLTA	Control General Purpose	CAL-AB-416	1E
2RY2B/181/DA	DG 2B UNDER FREQUENCY RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B/181/DB	DG 2B UNDER FREQUENCY RELAY	Control General Purpose	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B/186	DG 2B GEN LOCKOUT RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B/187	DG 2B DIFFERENTIAL RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B/194	EDG 2B U/F & REVERSE PWR RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B02AG/27	2A DG MCC 2AG BUS UV RY	Control General Purpose	CAL-AB-422	1E
2RY2B02BG/27	2B DG MCC 2BG BUS UV RY	Control General Purpose	CAL-AB-416	1E
2RY2DG2AA/127	EDG 2A U/V AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/181	EDG 2A U/F AUX RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/4A	EDG 2A AIR START BLOCK RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/4AX	EDG 2A AIR START AUX RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/4B	EDG 2A AIR START BLOCK RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/5	EDG 2A ENGINE STOP RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/5A	EDG 2A AUX STOP RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/AB	EDG 2A STARTING TIME TEST REL	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/ALR	EDG 2A ALARM RELAY	Control General Purpose	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2AA/AP1	EDG 2A START AIR PRES LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/AP2	EDG 2A START AIR PRES LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CC1	EDG 2A CRANKCASE PRES HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CC2	EDG 2A CRANKCASE PRES HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CC3	EDG 2A CRANKCASE PRES HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CF1	EDG 2A CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CF2	EDG 2A CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CF3	EDG 2A CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CF4	EDG 2A CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CLL	EDG 2A COOLANT LEVEL LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CP1	EDG 2A COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CP2	EDG 2A COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CP3	EDG 2A COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CT1	EDG 2A COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2AA/CT2	EDG 2A COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CT3	EDG 2A COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/CTL	EDG 2A COOLANT TEMP LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/EOR	EDG 2A ENGINE OVERSPEED RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/ERA	EDG 2A ENG NORMAL SPEED RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/ERB	EDG 2A ENG RUNNING RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/FLH	EDG 2A FUEL OIL LEVEL HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/FLL	EDG 2A FUEL OIL LEVEL LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/FPL	EDG 2A FUEL OIL PRES LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/FR	2A DG FOLLOWER RELAY (FR) FOR SIAS OR UV	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/LSA	EDG 2A ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/LSAX	EDG 2A ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/LSB	EDG 2A ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/LSBX	EDG 2A ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2AA/OLH	EDG 2A LUBE OIL LEVEL HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OLL	EDG 2A LUBE OIL LEVEL LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OP1	EDG 2A LUBE OIL PRESS LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OP2	EDG 2A LUBE OIL PRESS LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OP3	EDG 2A LUBE OIL PRESS LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OTH	EDG 2A LUBE OIL TEMP HI RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/OTL	EDG 2A LUBE OIL TEMP LO RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/R1	EDG 2A SYNCHRONOUS CNTR RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/R2	EDG 2A SYNCHRONOUS CNTR RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/RES	2A DG ISOCHRONOUS CNTR RELAY	Control General Purpose	CAL-AB-306	1E
2RY2DG2AA/RPL	EDG 2A SW PRESS LOW RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SDR	EDG 2A SHUTDOWN RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SDRX	EDG 2A SHUTDOWN AUX RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SFR	EDG 2A START FAILURE RELAY	Control General Purpose	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2AA/SS1	2A DG SLOW START SEQUENCE INITIATION RELAY (SS1)	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SS3	2A DG TIME DELAY RELAY (SS3) FOR SLOW START LOGIC (START)	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SS3A	2A DG FOLLOWER RELAY (SS3A) FOR SS3	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SS4	2A DG TIME DELAY RELAY (SS4) FOR SLOW START LOGIC (PRELUBE)	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/SS4A	2A DG FOLLOWER RELAY (SS4A) FOR SS4	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/T2A	EDG 2A OVERCRANK TIMING RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/T3A	EDG 2A ENG NORMAL SPEED TIMER	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/T3B	EDG 2A ENGINE RUNNING TIMER	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/T4A	EDG 2A RM VENT FAN START TIMER	Control General Purpose	CAL-AB-422	1E
2RY2DG2AA/TDE	EDG 2A LOCAL/REMOTE RESET TMR	Control General Purpose	CAL-AB-306	1E
2RY2DG2AC/CF5	EDG 2A FLD FL CONTROL POWER FAIL RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AC/K1	EDG 2A EXCITER SHUTDOWN RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AC/K2	EDG 2A GEN FIELD FLASH RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AC/K4	EDG 2A EXC SHUTDOWN AUX RELAY	Control General Purpose	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2AD/CF7	EDG 2A DIGITAL REFERENCE UNIT POWER FAILURE RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2AE/CF6	EDG 2A CONTROL POWER FAIL RELAY	Control General Purpose	CAL-AB-422	1E
2RY2DG2BA/127	2B DG ENGINE CNTRL RY -	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/181	2B DG U/F AUX RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/4A	2B DG AIR START BLOCK RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/4AX	2B DG AIR START AUX RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/4B	2B DG AIR START BLOCK RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/5	2B DG ENGINE STOP RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/5A	2B DG AUX STOP RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/AB	2B DG STARTING TIME TEST RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/ALR	2B DG ALARM RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/AP1	2B DG STRT AIR PRESS LO RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/AP2	2B DG STRT AIR PRESS LO RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CC1	2B DG ENGINE CNTRL RY - CRANKCASE PRESS. HI	Control General Purpose	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2BA/CC2	2B DG CRANKCASE PRESS HI REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CC3	2B DG CRANKCASE PRESS HI REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CF1	2B DG CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CF2	2B DG CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CF3	2B DG CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CF4	2B DG CNTR PWR FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CLL	2B DG COOLANT LEVEL LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CP1	2B DG COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CP2	2B DG COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CP3	2B DG COOLANT PRESS LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CT1	2B DG COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CT2	2B DG COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CT3	2B DG COOLANT TEMP HIGH RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/CTL	2B DG COOLANT TEMP LOW RELAY	Control General Purpose	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2BA/EOR	2B DG ENGINE OVERSPEED RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/ERA	2B DG ENGINE NORMAL SPEED RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/ERB	2B DG ENGINE RUNNING RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/FLH	2B DG FUEL OIL LEVEL HI RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/FLL	2B DG FUEL OIL LEVEL LOW REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/FPL	2B DG FUEL OIL PRESS LOW REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/FR	2B DG FOLLOWER RELAY (FR) FOR SIAS OR UV	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/LSA	2B DG ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/LSAX	2B DG ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/LSB	2B DG ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/LSBX	2B DG ENGINE LOW SPEED RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/OLH	2B DG LUBE OIL LEVEL HI RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/OLL	2B DG LUBE OIL LEVEL LOW REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/OP1	2B DG LUBE OIL PRESS LOW REL	Control General Purpose	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2BA/OP2	2B DG LUBE OIL PRESS LOW REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/OP3	2B DG LUBE OIL PRESS LOW REL	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/OTH	2B DG LUBE OIL TEMP HI RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/OTL	2B DG LUBE OIL TEMP LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/R1	2B DG SYNCHRONOUS CNTR RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/R2	2B DG SYNCHRONOUS CNTR RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/RES	2B DG SYNCHRONOUS RESET RELAY	Control General Purpose	CAL-AB-302	1E
2RY2DG2BA/RPL	2B DG SW PRESS LOW RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SDR	2B DG SHUTDOWN RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SDRX	2B DG SHUTDOWN AUX RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SFR	2B DG START FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SS1	2B DG SLOW START SEQUENCE INITIATION RELAY (SS1)	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SS3	2B DG TIME DELAY RELAY (SS3) FOR SLOW START LOGIC (START)	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SS3A	2B DG FOLLOWER RELAY (SS3A) FOR SS3	Control General Purpose	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2DG2BA/SS4	2B DG TIME DELAY RELAY (SS4) FOR SLOW START LOGIC (PRELUBE)	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/SS4A	2B DG FOLLOWER RELAY (SS4A) FOR SS4	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/T2A	2B DG OVERCRANK TIMING RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/T3A	2B DG ENG NORMAL SPEED TIMER	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/T3B	2B DG ENGINE RUNNING TIMER	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/T4A	2B DG RM VENT FAN START TIMER	Control General Purpose	CAL-AB-416	1E
2RY2DG2BA/TDE	2B DG LOCAL-REMOTE RESET TIMER	Control General Purpose	CAL-AB-302	1E
2RY2DG2BC/CF5	EDG 2B FLD FL CONTROL POWER FAIL RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BC/K1	2B DG EXCITER SHUTDOWN RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BC/K2	2B DG GEN FIELD FLASH RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BC/K4	2B DG EXC SHUTDOWN AUX RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BD/CF7	EDG 2B DIGITAL REFERENCE UNIT POWER FAILURE RELAY	Control General Purpose	CAL-AB-416	1E
2RY2DG2BE/CF6	EDG 2B CONTROL POWER FAIL RELAY	Control General Purpose	CAL-AB-416	1E
2RY2UFV2A/127/X	EDG 2A U/V AUX RELAY X	Control General Purpose	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2UFV2A/127/X1	EDG 2A U/V AUX RELAY X1	Control General Purpose	CAL-AB-306	1E
2RY2UFV2A/ERA/X	EDG 2A RATED SPD AUX RELAY X	Control General Purpose	CAL-AB-306	1E
2RY2UFV2A/ERA/X1	EDG 2A RATED SPD AUX RELAY X1	Control General Purpose	CAL-AB-306	1E
2RY2UFV2B/127/X	2B DG U/V AUX RELAY X	Control General Purpose	CAL-AB-302	1E
2RY2UFV2B/127/X	2B DG U/V AUX RELAY X	Control General Purpose	CAL-AB-302	1E
2RY2UFV2B/127/X1	DG 2B U/V AUX RELAY X1	Control General Purpose	CAL-AB-302	1E
2RY2UFV2B/ERA/X	2B DG RATED SPD AUX RELAY X	Control General Purpose	CAL-AB-302	1E
2RY2UFV2B/ERA/X	2B DG RATED SPD AUX RELAY X	Control General Purpose	CAL-AB-302	1E
2RY2UFV2B/ERA/X1	EDG 2B RATED SPD AUX RELAY X1	Control General Purpose	CAL-AB-302	1E
2RYDG2AD/181DA2 AX	DG 2A UNDER FREQUENCY RELAY	Control General Purpose	CAL-AB-422	1E
2RYDG2BD/181DA2 BX	2B DG UNDER FREQUENCY RELAY	Control General Purpose	CAL-AB-416	1E
2RY2B0410/42	CR HVAC UNIT 12 FAN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0433/42	CR RTN AIR FAN 12 RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0437/42	BATT RM SUPP FAN RELAY	Control General Purpose	CAL-AB-414	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B0447/42	CR FILTER FAN 12 RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B408/2/1	12 CONTROL ROOM A/C COMPRESSOR	Control General Purpose	CAL-AB-512	1E
2RY2B408/2/2	12 CONTROL ROOM A/C COMPRESSOR	Control General Purpose	CAL-AB-512	1E
2RY2B408/CX	BKR 52-2408 CONT RM A/C COMP12	Control General Purpose	CAL-AB-407	1E
2RY2P0410/X1	CNTRL ROOM HVAC 12 AUX RELAY	Control General Purpose	CAL-AB-405	1E
2RY2P0410/X2	CONTROL ROOM HVAC 12 TIME DELAY RELAY	Control General Purpose	CAL-AB-405	1E
2RY2B117/CX	BKR 52-2117 MAIN PLT EXH FAN21	Control General Purpose	CAL-AB-311	1E
2RY2B117/X1	BKR 52-2117 MAIN PLT EXH FAN21	Control General Purpose	CAL-AB-311	1E
2RY2B117/X2	BKR 52-2117 MAIN PLT EXH FAN21	Control General Purpose	CAL-AB-311	1E
2RY2B117/X3	BKR 52-2117 MAIN PLT EXH FAN21	Control General Purpose	CAL-AB-311	1E
2RY2B125/CX	BKR 52-2125 COMP RM HVAC	Control General Purpose	CAL-AB-311	1E
2RY2B417/CX	BKR 52-2417 MAIN PLT EXH FAN22	Control General Purpose	CAL-AB-407	1E
2RY2B417/X1	BKR 52-2417 MAIN PLT EXH FAN22	Control General Purpose	CAL-AB-407	1E
2RY2B417/X2	BKR 52-2417 MAIN PLT EXH FAN22	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B417/X3	BKR 52-2417 MAIN PLT EXH FAN22	Control General Purpose	CAL-AB-407	1E
2RY2P0428/2TR	MN PLNT EXH EQUIP RM UNIT 2	Control General Purpose	CAL-AB-526	1E
2RY2P0428/3TR	MN PLNT EXH EQUIP (RM) UNIT 2	Control General Purpose	CAL-AB-526	1E
2RY2P1428/2TR	SWGR RM AC CONTROL	Control General Purpose	CAL-AB-526	1E
2RY2P1428/3TR	SWGR RM AC COMPR 21 CONTROL	Control General Purpose	CAL-AB-526	1E
2RY2B0406/2/226Y	BORIC ACID PP 22 CONTROLLER	Control General Purpose	CAL-AB-414	1E
2RY2B0406/2/SB6	22 BORIC ACID PUMP TIME DELAY RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0406/42	BA PUMP 22 CONTROL RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0409/42	21 BA STOR TK HTR B CNT RY	Control General Purpose	CAL-AB-414	1E
2RY2B0425/42C	2MOV514 CONTROL RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0425/42O	2MOV514 CONTROL RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0434/42	22 BA STOR TK HTR B CNT RY	Control General Purpose	CAL-AB-414	1E
2RY2B0457/42C	2MOV269 CONTROL RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0457/42O	2MOV269 CONTROL RELAY	Control General Purpose	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B104/2/SA623	BKR 52-2104 CHARGING PUMP 13	Control General Purpose	CAL-AB-311	1E
2RY2B104/CX	BKR 52-2104 CHARGING PUMP 23	Control General Purpose	CAL-AB-311	1E
2RY2B115/2/SA621	BKR 52-2115 CHARGING PP 21	Control General Purpose	CAL-AB-311	1E
2RY2B115/CX	BKR 52-2115 CHARGING PP 21	Control General Purpose	CAL-AB-311	1E
2RY2B1406/2/226X	BORIC ACID PUMP 21 CONTROLLER	Control General Purpose	CAL-AB-532	1E
2RY2B1406/2/SA6	21 BA PP TIME DELAY RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1406/42	BA PUMP 21 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1409/42	21 BA STOR TK HTR A CNT RY	Control General Purpose	CAL-AB-532	1E
2RY2B1423/42C	2MOV504 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1423/42O	2MOV504 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1424/42C	2MOV509 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1424/42O	2MOV509 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1430/42C	2MOV508 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1430/42O	2MOV508 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B1431/42C	2MOV501 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1431/42O	2MOV501 CONTROL RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1434/42	22 BA STOR TK HTR A CNT RY	Control General Purpose	CAL-AB-532	1E
2RY2B404/2/SB623	BKR 52-2404 CHARGING PUMP 23	Control General Purpose	CAL-AB-407	1E
2RY2B404/CX	BKR 52-2404 CHARGING PUMP 23	Control General Purpose	CAL-AB-407	1E
2RY2B415/2/SB622	BKR 52-2415 CHARGING PP22	Control General Purpose	CAL-AB-407	1E
2RY2B415/CX	BKR 52-2415 CHARGING PP22	Control General Purpose	CAL-AB-407	1E
2RY2CV506/94	RCP CONTROL BLEED-OFF	Control General Purpose	CAL-AB-405	1E,SBO
2RY2CV506/94	RCP CONTROL BLEED-OFF	Control General Purpose	CAL-AB-405	1E,SBO
2RY2CV517/94	AUX SPRAY CONTROL VLV 2CV517	Control General Purpose	CAL-AB-405	1E
2RY2CV517/94	AUX SPRAY CONTROL VLV 2CV517	Control General Purpose	CAL-AB-405	1E
2RY2CV518/94	CHARGING LINE ISOL VLV 2CV518	Control General Purpose	CAL-AB-405	1E
2RY2CV518/94	CHARGING LINE ISOL VLV 2CV518	Control General Purpose	CAL-AB-405	1E
2RY2CV519/94	CHARGING LINE ISOL VLV 2CV519	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2CV519/94	CHARGING LINE ISOL VLV 2CV519	Control General Purpose	CAL-AB-405	1E
2RY2D0701/62X/512	REACT AUX MAKE UP FLOW CONT	Control General Purpose	CAL-AB-405	1E
2RY2LC227/63X	VOLUME CONTROL TANK 21 LEVEL	Control General Purpose	CAL-AB-405	1E
2RY2NB104/BCX	DISC SW 89-2104 CHARGING PP 23	Control General Purpose	CAL-AB-311	1E
2RY2NB104/X	DISC SW 89-2104 CHARGING PP 23	Control General Purpose	CAL-AB-311	1E
2RY2NB404/BCX	DISC SW 89-2404 CHRGING PP 23	Control General Purpose	CAL-AB-407	1E
2RY2NB404/X	DISC SW 89-2404 CHRGING PP 23	Control General Purpose	CAL-AB-407	1E
2RYD0701/94	REACT AUX MAKE UP FLOW CONT	Control General Purpose	CAL-AB-405	1E
2RYFQIS210Y/63X1	21 BORIC ACID FEED PUMP AUX REALY	Control General Purpose	CAL-AB-405	1E
2RYLIC226/63XA1	21 BORIC ACID FEED PUMP AUX RELAY	Control General Purpose	CAL-AB-405	1E
2RYSIASA6	21 BA PP SIAS START	Control General Purpose	CAL-AB-302	1E
2RYSIASB6	22 BORIC ACID PUMP SIAS START	Control General Purpose	CAL-AB-302	1E
2RYAL-XK1	AL MW MODULE WITHDRAWN A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK10	CIS RESET CH A	Control General Purpose	CAL-AB-302	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAL-XK11	CRS MAN INITIATE CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK12	CRS RESET CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK13	RAS MAN INITIATE CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK14	RAS RESET CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK15	SG 21 BLOCK CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK16	SG 21 RESET CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK17	AL BKR 152-2101 4KV BUS 2	Control General Purpose	CAL-AB-302	1E
2RYAL-XK18	AL BKR 152-2115 4KV BUS 2	Control General Purpose	CAL-AB-302	1E
2RYAL-XK19	AL BKR 152-2103 DG 2A SUPPLY	Control General Purpose	CAL-AB-302	1E
2RYAL-XK2	AL LOGIC CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYAL-XK20	AL BKR 152-2106 DG 0C SUPPLY	Control General Purpose	CAL-AB-302	1E
2RYAL-XK21	AL CABINET SPP DL	Control General Purpose	CAL-AB-302	1E
2RYAL-XK22	AL CABINET SCP DL	Control General Purpose	CAL-AB-302	1E
2RYAL-XK24	CVCS RESET CH A	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAL-XK3	AL LOGIC CABINET BKR TRIP	Control General Purpose	CAL-AB-302	1E
2RYAL-XK4	SIAS MAN INITIATE CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK5	SIAS RESET CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK6	SIAS BLOCK CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK7	CSAS MAN INITIATE CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK8	CSAS RESET CH A	Control General Purpose	CAL-AB-302	1E
2RYAL-XK9	CIS MAN INITIATE CH A	Control General Purpose	CAL-AB-302	1E
2RYAR-XK1	SIAS SUB CH A1-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK10	SIAS SUB CH A2-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK100	UV SUB CH A3-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK101	UV SUB CH A3-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK102	UV SUB CH A3-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK103	UV SUB CH A3-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK104	UV SUB CH A3-5	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK105	UV SUB CH A3-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK106	UV SUB CH A3-7	Control General Purpose	CAL-AB-302	1E
2RYAR-XK107	UV SUB CH A3-8	Control General Purpose	CAL-AB-302	1E
2RYAR-XK108	UV SUB CH A3-9	Control General Purpose	CAL-AB-302	1E
2RYAR-XK109	UV SUB CH A4-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK11	SIAS SUB CH A3-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK110	UV SUB CH A4-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK111	SIAS SUB CH A6-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK112	CVCS CH A	Control General Purpose	CAL-AB-302	1E
2RYAR-XK113	UV SUB CH A4-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK114	SIAS SUB CH A9-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK119	DSS CH A1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK12	SIAS SUB CH A4-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK120	DSS CH A2	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK13	SIAS SUB CH A4-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK14	SIAS SUB CH A4-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK15	SIAS SUB CH A4-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK16	SIAS SUB CH A4-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK17	SIAS SUB CH A4-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK18	SIAS SUB CH A5-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK19	SIAS SUB CH A5-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK2	SIAS SUB CH A1-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK20	SIAS SUB CH A5-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK22	SIAS SUB CH A4-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK23	SIAS SUB CH A6-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK24	SIAS SUB CH A7-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK25	SIAS SUB CH A7-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK26	SIAS SUB CH A7-3	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK27	SIAS SUB CH A7-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK28	SIAS SUB CH A7-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK29	SIAS SUB CH A7-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK3	SIAS SUB CH A2-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK30	SIAS SUB CH A8-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK31	SIAS SUB CH A8-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK32	SIAS SUB CH A9-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK33	SIAS SUB CH A9-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK34	SIAS SUB CH A10-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK35	CSAS SUB CH A1-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK36	CSAS SUB CH A1-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK37	CSAS SUB CH A1-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK38	CSAS SUB CH A1-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK39	CSAS SUB CH A2-1	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK4	SIAS SUB CH A2-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK40	CSAS SUB CH A3-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK41	CIS SUB CH A1-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK42	CIS SUB CH A1-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK43	SIAS SUB CH A9-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK44	SIAS SUB CH A9-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK45	SIAS SUB CH A4-7	Control General Purpose	CAL-AB-302	1E
2RYAR-XK46	SIAS SUB CH A9-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK47	CIS SUB CH A2-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK48	CIS SUB CH A2-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK49	SIAS SUB CH A9-8	Control General Purpose	CAL-AB-302	1E
2RYAR-XK5	SIAS SUB CH A2-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK50	CIS SUB CH A3-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK51	CIS SUB CH A3-2	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK52	SIAS SUB CH A9-7	Control General Purpose	CAL-AB-302	1E
2RYAR-XK53	CIS SUB CH A4-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK54	CIS SUB CH A4-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK55	CIS SUB CH A4-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK56	SIAS SUB CH A3-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK57	CIS SUB CH A4-6/SIAS SUB	Control General Purpose	CAL-AB-302	1E
2RYAR-XK58	CIS SUB CH A5-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK59	CIS SUB CH A5-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK6	SIAS SUB CH A2-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK60	CRS SUB CH A1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK61	CRS SUB CH A2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK62	CRS SUB CH A3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK63	CRS SUB CH A4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK64	RAS SUB CH A1	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK65	RAS SUB CH A2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK66	RAS SUB CH A3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK67	RAS SUB CH A4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK68	SGIS SUB CH A1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK69	SGIS SUB CH A2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK7	SIAS SUB CH A1-7	Control General Purpose	CAL-AB-302	1E
2RYAR-XK70	LOCI SUB CH A6-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK71	LOCI SUB CH A6-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK72	LOCI SUB CH A6-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK73	SDS SUB CH A1-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK74	SDS SUB CH A1-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK75	SDS SUB CH A2-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK76	SDS SUB CH A2-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK77	SDS SUB CH A3-1	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK78	SDS SUB CH A3-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK79	SDS SUB CH A3-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK8	SIAS SUB CH A1-8	Control General Purpose	CAL-AB-302	1E
2RYAR-XK80	UV SUB CH A1-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK81	UV SUB CH A1-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK82	UV SUB CH A1-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK83	UV SUB CH A1-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK84	UV SUB CH A2-1	Control General Purpose	CAL-AB-302	1E
2RYAR-XK85	UV SUB CH A2-2	Control General Purpose	CAL-AB-302	1E
2RYAR-XK86	UV SUB CH A2-3	Control General Purpose	CAL-AB-302	1E
2RYAR-XK87	UV SUB CH A2-4	Control General Purpose	CAL-AB-302	1E
2RYAR-XK88	UV SUB CH A2-5	Control General Purpose	CAL-AB-302	1E
2RYAR-XK89	UV SUB CH A2-6	Control General Purpose	CAL-AB-302	1E
2RYAR-XK9	SIAS SUB CH A2-1	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYAR-XK90	UV SUB CH A2-7	Control General Purpose	CAL-AB-302	1E
2RYAR-XK91	UV SUB CH A2-8	Control General Purpose	CAL-AB-302	1E
2RYAR-XK92	UV SUB CH A2-9	Control General Purpose	CAL-AB-302	1E
2RYAR-XK93	UV SUB CH A2-10	Control General Purpose	CAL-AB-302	1E
2RYAR-XK94	UV SUB CH A2-21	Control General Purpose	CAL-AB-302	1E
2RYAR-XK95	UV SUB CH A2-22	Control General Purpose	CAL-AB-302	1E
2RYAR-XK96	UV SUB CH A2-13	Control General Purpose	CAL-AB-302	1E
2RYAR-XK97	UV SUB CH A2-24	Control General Purpose	CAL-AB-302	1E
2RYAR-XK98	UV SUB CH A2-15	Control General Purpose	CAL-AB-302	1E
2RYAR-XK99	UV SUB CH A2-16	Control General Purpose	CAL-AB-302	1E
2RYBL-XK1	BL MW MODULE WITHDRAWN A	Control General Purpose	CAL-AB-302	1E
2RYBL-XK10	CIS RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK11	CRS MAN INITIATE CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK12	CRS RESET CH B	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBL-XK13	RAS MAN INITIATE CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK14	RAS RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK15	SG 22 BLOCK CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK16	SG 22 RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK17	BL BKR 152-2401 4KV BUS 2	Control General Purpose	CAL-AB-302	1E
2RYBL-XK18	BL BKR 152-2414 4KV BUS 2	Control General Purpose	CAL-AB-302	1E
2RYBL-XK19	BL BKR 152-2403 DG 2B SUPPLY	Control General Purpose	CAL-AB-302	1E
2RYBL-XK2	BL LOGIC CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYBL-XK20	BL BKR 152-2406 DG 0C SUPPLY	Control General Purpose	CAL-AB-302	1E
2RYBL-XK21	BL CABINET SPP DL	Control General Purpose	CAL-AB-302	1E
2RYBL-XK22	BL CABINET SCP DL	Control General Purpose	CAL-AB-302	1E
2RYBL-XK24	CVCS RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK3	BL LOGIC CABINET BKR TRIP	Control General Purpose	CAL-AB-302	1E
2RYBL-XK4	SIAS MAIN INITIATE CH B	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBL-XK5	SIAS RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK6	SIAS BLOCK CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK7	CSAS MAIN INITIATE CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK8	CSAS RESET CH B	Control General Purpose	CAL-AB-302	1E
2RYBL-XK9	CIS MAIN INITIATE CH B	Control General Purpose	CAL-AB-302	1E
2RYBR-XK1	SIAS SUB CH B1-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK10	SIAS SUB CH B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK101	T1 SUB CH B	Control General Purpose	CAL-AB-302	1E
2RYBR-XK102	T2 SUB CH B	Control General Purpose	CAL-AB-302	1E
2RYBR-XK103	TUV SUB CH B	Control General Purpose	CAL-AB-302	1E
2RYBR-XK105	SIAS SUB CH-B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK11	SIAS SUB CH B4-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK112	CVCS CH B	Control General Purpose	CAL-AB-302	1E
2RYBR-XK113	UV SUB CH B4-3	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK114	SIAS SUB CH B9-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK119	DSS CH B1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK12	SIAS SUB CH B4-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK120	DSS CH B2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK13	SIAS SUB CH B4-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK14	SIAS SUB CH B4-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK15	SIAS SUB CH B5-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK16	SIAS SUB CH B5-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK18	SIAS SUB CH B6-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK19	SIAS SUB CH B6-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK2	SIAS SUB CH B1-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK20	SIAS SUB CH B7-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK21	SIAS SUB CH B7-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK22	SIAS SUB CH B7-3	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK23	SIAS SUB CH B7-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK24	SIAS SUB CH B7-5	Control General Purpose	CAL-AB-302	1E
2RYBR-XK25	SIAS SUB CH B7-6	Control General Purpose	CAL-AB-302	1E
2RYBR-XK26	SIAS SUB CH B8-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK27	SIAS SUB CH B8-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK28	SIAS SUB CH B9-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK29	SIAS SUB CH B9-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK3	SIAS SUB CH B2-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK30	SIAS SUB CH B10-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK31	CSAS SUB CH B1-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK32	CSAS SUB CH B1-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK33	CSAS SUB CH B1-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK34	CSAS SUB CH B1-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK35	CSAS SUB CH B2-1	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK36	CSAS SUB CH B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK37	CIS SUB CH B1-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK38	CIS SUB CH B1-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK39	SIAS SUB CH B9-6	Control General Purpose	CAL-AB-302	1E
2RYBR-XK4	SIAS SUB CH B2-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK40	SIAS SUB CH B9-5	Control General Purpose	CAL-AB-302	1E
2RYBR-XK41	SIAS SUB CH B9-7	Control General Purpose	CAL-AB-302	1E
2RYBR-XK42	SIAS SUB CH B9-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK43	SIAS SUB CH B4-7	Control General Purpose	CAL-AB-302	1E
2RYBR-XK44	CIS SUB CH B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK45	SIAS SUB CH B9-8	Control General Purpose	CAL-AB-302	1E
2RYBR-XK46	CIS SUB CH B4-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK47	CIS SUB CH B4-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK48	SIAS SUB CH B5-3	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK49	CIS SUB CH B5-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK5	SIAS SUB CH B2-5	Control General Purpose	CAL-AB-302	1E
2RYBR-XK50	CIS SUB CH B5-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK51	CRS SUB CH B1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK52	CRS SUB CH B2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK53	RAS SUB CH B1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK54	RAS SUB CH B2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK55	RAS SUB CH B3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK56	RAS SUB CH B4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK57	SGIS SUB CH B1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK58	SGIS SUB CH B2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK59	LOCI SUB CH B6-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK6	SIAS SUB CH B2-6	Control General Purpose	CAL-AB-302	1E
2RYBR-XK60	LOCI SUB CH B6-2	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK61	SDS SUB CH B1-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK62	SDS SUB CH B1-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK63	SDS SUB CH B2-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK64	SDS SUB CH B2-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK65	SDS SUB CH B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK66	UV SUB CH B1-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK67	UV SUB CH B1-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK68	UV SUB CH B1-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK69	UV SUB CH B2-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK7	SIAS SUB CH B1-7	Control General Purpose	CAL-AB-302	1E
2RYBR-XK70	UV SUB CH B2-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK71	UV SUB CH B2-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK72	UV SUB CH B2-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK73	UV SUB CH B2-5	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK74	UV SUB CH B2-6	Control General Purpose	CAL-AB-302	1E
2RYBR-XK75	UV SUB CH B2-7	Control General Purpose	CAL-AB-302	1E
2RYBR-XK76	UV SUB CH B2-8	Control General Purpose	CAL-AB-302	1E
2RYBR-XK77	UV SUB CH B2-9	Control General Purpose	CAL-AB-302	1E
2RYBR-XK78	UV SUB CH B2-10	Control General Purpose	CAL-AB-302	1E
2RYBR-XK79	UV SUB CH B2-21	Control General Purpose	CAL-AB-302	1E
2RYBR-XK8	SIAS SUB CH B2-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK80	UV SUB CH B2-22	Control General Purpose	CAL-AB-302	1E
2RYBR-XK81	UV SUB CH B2-13	Control General Purpose	CAL-AB-302	1E
2RYBR-XK82	UV SUB CH B2-24	Control General Purpose	CAL-AB-302	1E
2RYBR-XK83	UV SUB CH B2-15	Control General Purpose	CAL-AB-302	1E
2RYBR-XK84	UV SUB CH B3-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK85	UV SUB CH B3-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK86	UV SUB CH B3-3	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYBR-XK87	UV SUB CH B3-4	Control General Purpose	CAL-AB-302	1E
2RYBR-XK88	UV SUB CH B3-5	Control General Purpose	CAL-AB-302	1E
2RYBR-XK89	UV SUB CH B3-6	Control General Purpose	CAL-AB-302	1E
2RYBR-XK9	SIAS SUB CH B2-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK90	UV SUB CH B3-7	Control General Purpose	CAL-AB-302	1E
2RYBR-XK91	UV SUB CH B3-8	Control General Purpose	CAL-AB-302	1E
2RYBR-XK92	UV SUB CH B3-9	Control General Purpose	CAL-AB-302	1E
2RYBR-XK93	UV SUB CH B4-1	Control General Purpose	CAL-AB-302	1E
2RYBR-XK94	UV SUB CH B4-2	Control General Purpose	CAL-AB-302	1E
2RYBR-XK97	SIAS SUB CH B1-3	Control General Purpose	CAL-AB-302	1E
2RYBR-XK99	TUV SUB CH B	Control General Purpose	CAL-AB-302	1E
2RYZD-XK1	ZD M/W MODULE WITHDRAWN	Control General Purpose	CAL-AB-302	1E
2RYZD-XK2	ZD SENSOR CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYZD-XK3	ZD SENSOR CABINET BKR TRI	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYZD-XK4	RAS ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZD-XK5	UV21 ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZD-XK6	UV24 ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZD-XK7	TT21 ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZD-XK8	TT22 ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZD-XK9	TTUV ZD INPUT	Control General Purpose	CAL-AB-302	1E
2RYZE-XK1	ZE MW MODULE WITHDRAWN	Control General Purpose	CAL-AB-302	1E
2RYZE-XK2	ZE SENSOR CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYZE-XK3	ZE SENSOR CABINET BKR TRI	Control General Purpose	CAL-AB-302	1E
2RYZE-XK4	RAS ZE INPUT	Control General Purpose	CAL-AB-302	1E
2RYZE-XK5	UV21 ZE INPUT	Control General Purpose	CAL-AB-302	1E
2RYZE-XK6	UV24 ZE INPUT	Control General Purpose	CAL-AB-302	1E
2RYZE-XK7	TT21 ZE INPUT	Control General Purpose	CAL-AB-302	1E
2RYZE-XK8	22 ESFAS TURB TRIP S/G LVL ZE INPUT	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYZE-XK9	TTUV ZE INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK1	ZF M/W MODULE WITHDRAWN A	Control General Purpose	CAL-AB-302	1E
2RYZF-XK2	ZF SENSOR CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYZF-XK3	ZF SENSOR CABINET BKR TRI	Control General Purpose	CAL-AB-302	1E
2RYZF-XK4	RAS ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK5	UV21 ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK6	UV24 ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK7	TT21 ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK8	TT22 ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZF-XK9	TTUV ZF INPUT	Control General Purpose	CAL-AB-302	1E
2RYZG-XK1	ZG M/W MODULE WITHDRAWN A	Control General Purpose	CAL-AB-302	1E
2RYZG-XK2	ZG SENSOR CABINET DOOR	Control General Purpose	CAL-AB-302	1E
2RYZG-XK3	ZG SENSOR CABINET BKR TRI	Control General Purpose	CAL-AB-302	1E
2RYZG-XK4	RAS ZG INPUT	Control General Purpose	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYZG-XK5	UV21 ZG INPUT	Control General Purpose	CAL-AB-302	1E
2RYZG-XK6	UV24 ZG INPUT	Control General Purpose	CAL-AB-302	1E
2RYZG-XK7	TT21 ZG INPUT	Control General Purpose	CAL-AB-302	1E
2RYZG-XK8	TT22 ZG INPUT	Control General Purpose	CAL-AB-302	1E
2RYZG-XK9	TTUV ZG INPUT	Control General Purpose	CAL-AB-302	1E
2RY2A104/150/151	SI LPSI PP 21 MTR OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A104/150G	SI LPSI PP 21 GND OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A104/186	BKR 152-2104 TO LPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A104/2/SA321	BKR 152-2104 TO LPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A104/2/SMA	BKR 152-2104 TO LPSI PP21	Control General Purpose	CAL-AB-311	1E
2RY2A104/74	BKR 152-2104 TO LPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A108/150/151	SI HPSI PP 21 MTR OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A108/150G	SI HPSI PP 21 GND OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A108/186	BKR 152-2108 HPSI PP 21	Control General Purpose	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A108/2/SA221	BKR 152-2108 HPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A108/2/SMA	BKR 152-2108 HPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A108/74	BKR 152-2108 HPSI PP 21	Control General Purpose	CAL-AB-311	1E
2RY2A110/150/151	SI HPSI PP 23 MTR OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A110/150G	SI HPSI PP 23 GND OVERCUR	Control General Purpose	CAL-AB-311	1E
2RY2A110/186	BKR 152-2110 HPSI PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A110/2/SA2	BKR 152-2110 HPSI PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A110/2/SA223	BKR 152-2110 HPSI PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A110/2/SMA	HPSI PP 23 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-311	1E
2RY2A110/74	BKR 152-2110 HPSI PP 23	Control General Purpose	CAL-AB-311	1E
2RY2A404/150/151	SI LPSI PP 22 MTR OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A404/150G	SI LPSI PP 22 GND OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A404/186	BKR 152-2404 LPSI PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A404/2/SB322	BKR 152-2404 LPSI PMP 22	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A404/2/SMA	LPSI PP 22 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-407	1E
2RY2A404/74	BKR 152-2404 LPSI PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A408/150/151	SI HPSI PP 22 MTR OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A408/150G	SI HPSI PP 22 GND OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A408/186	BKR 152-2408 HPSI PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A408/2/SB222	BKR 152-2408 HPSI PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A408/2/SMA	HPSI PP 22 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-407	1E
2RY2A408/74	BKR 152-2408 HPSI PMP 22	Control General Purpose	CAL-AB-407	1E
2RY2A410/150/151	SI HPSI PP 23 MTR OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A410/150G	SI HPSI PP 23 GND OVERCUR	Control General Purpose	CAL-AB-407	1E
2RY2A410/186	BKR 152-2410 HPSI PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A410/2/SB2	BKR 152-2410 HPSI PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A410/2/SB223	BKR 152-2410 HPSI PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2A410/2/SMB	HPSI PP 23 BKR SPRG CHRG FAIL	Control General Purpose	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2A410/74	BKR 152-2410 HPSI PMP 23	Control General Purpose	CAL-AB-407	1E
2RY2B0407/42C	2MOV635 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0407/42O	2MOV635 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0408/42C	2MOV645 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0408/42O	2MOV645 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0416/42C	2MOV616 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0416/42O	2MOV616 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0417/42C	2MOV626 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0417/42O	2MOV626 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0418/42C	2MOV636 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0418/42O	2MOV636 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0419/42C	2MOV646 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0419/42O	2MOV646 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0421/42C	2MOV654 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B0421/42O	2MOV654 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0422/42C	2MOV653 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0422/42O	2MOV653 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0432/42C	2MOV660 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0432/42O	2MOV660 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0444/42C	2MOV4145 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0444/42O	2MOV4145 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0445/42C	2MOV4142 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0445/42O	2MOV4142 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0458/42C	2MOV399 CLOSE RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B0458/42O	2MOV399 OPEN RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B1407/42C	2MOV615 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1407/42O	2MOV615 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1408/42C	2MOV625 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B1408/42O	2MOV625 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1416/42C	2MOV617 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1416/42O	2MOV617 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1417/42C	2MOV627 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1417/42O	2MOV627 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1418/42C	2MOV637 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1418/42O	2MOV637 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1419/42C	2MOV647 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1419/42O	2MOV647 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1421/42C	2MOV656 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1421/42O	2MOV656 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1422/42C	2MOV655 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1422/42O	2MOV655 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1432/42C	2MOV659 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B1432/42O	2MOV659 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1444/42C	2MOV4144 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1444/42O	2MOV4144 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1445/42C	2MOV4143 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1445/42O	2MOV4142 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1466/42C	2MOV651 CLOSE RELAY	Control General Purpose	CAL-AB-532	1E
2RY2B1466/42O	2MOV651 OPEN RELAY	Control General Purpose	CAL-AB-532	1E
2PNL2C09	ENGINEERING SAFEGUARDS CONTROL	Cabinet	CAL-AB-405	CATI
2RY2Q01/UV-1	RX TRIP SWGR BUS U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2Q02/UV-2	RX TRIP SWGR BUS U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2Q03/UV-3	RX TRIP SWGR BUS U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RY2Q04/UV-4	RX TRIP SWGR BUS U/V RELAY	Control General Purpose	CAL-AB-302	1E
2RYDWRAW10-K1	CH A HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K2	CH A TM/LP CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRAW10-K21	CH A ZERO POWERMODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K22	CH A LOW S/G PRESS BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K25	CH A HIGH RATE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K26	CH A ZERO POWER MODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K27	CH A TM/LP, APD & HI PWR, PWR TRIP TEST INTERLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K28	CH A TM/LP PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K29	CH A HIGH PRS PORV ACTUATION BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K3	CH A HIGH RATE CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K30	CH A APD PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K31	CH A HI PWR, PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K32	CH A DELTA T POWER BLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K4	CH A HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRAW10-K5	CH A HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRAW7-AB1	AB MATRIX RELAY AB1	Control General Purpose	CAL-AB-405	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRBW7-AB2	AB MATRIX RELAY AB2	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-AB3	AB MATRIX RELAY AB3	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-AB4	AB MATRIX RELAY AB4	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K1	CH B HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K2	CH B TM/LP CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K21	CH B ZERO POWERMODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K22	CH B LOW S/G PRESS BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K25	CH B HIGH RATE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K26	CH B ZERO POWER MODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K27	CH B TM/LP, APD & HI PWR, PWR TRIP TEST INTERLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K28	CH B TM/LP PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K29	CH B HIGH PRS PORV ACTUATION BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K3	CH B HIGH RATE CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K30	CH B APD PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRBW10-K31	CH B HI PWR, PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K32	CH B DELTA T POWER BLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K4	CH B HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRBW10-K5	CH B HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRBW6-BC1	BC MATRIX RELAY BC1	Control General Purpose	CAL-AB-405	1E
2RYDWRBW6-BC2	BC MATRIX RELAY BC2	Control General Purpose	CAL-AB-405	1E
2RYDWRBW6-BC3	BC MATRIX RELAY BC3	Control General Purpose	CAL-AB-405	1E
2RYDWRBW6-BC4	BC MATRIX RELAY BC4	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-BD1	BD MATRIX RELAY BD1	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-BD2	BD MATRIX RELAY BD2	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-BD3	BD MATRIX RELAY BD3	Control General Purpose	CAL-AB-405	1E
2RYDWRBW7-BD4	BD MATRIX RELAY BD4	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K1	CH C HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K2	CH C TM/LP CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRCW10-K21	CH C ZERO POWERMODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K22	CH C LOW S/G PRESS BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K25	CH C HIGH RATE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K26	CH C ZERO POWER MODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K27	CH C TM/LP, APD & HI PWR, PWR TRIP TEST INTERLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K28	CH C TM/LP PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K29	CH C HIGH PRS PORV ACTUATION BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K3	CH C HIGH RATE CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K30	CH C APD PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K31	CH C HI PWR, PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K32	CH C DELTA T POWER BLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K4	CH C HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRCW10-K5	CH C HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRCW6-AC1	AC MATRIX RELAY AC1	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRCW6-AC2	AC MATRIX RELAY AC2	Control General Purpose	CAL-AB-405	1E
2RYDWRCW6-AC3	AC MATRIX RELAY AC3	Control General Purpose	CAL-AB-405	1E
2RYDWRCW6-AC4	AC MATRIX RELAY AC4	Control General Purpose	CAL-AB-405	1E
2RYDWRCW7-CD1	CD MATRIX RELAY CD1	Control General Purpose	CAL-AB-405	1E
2RYDWRCW7-CD2	CD MATRIX RELAY CD2	Control General Purpose	CAL-AB-405	1E
2RYDWRCW7-CD3	CD MATRIX RELAY CD3	Control General Purpose	CAL-AB-405	1E
2RYDWRCW7-CD4	CD MATRIX RELAY CD4	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K1	CH D HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K2	CH D TM/LP CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K21	CH D ZERO POWERMODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K22	CH D LOW S/G PRESS BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K25	CH D HIGH RATE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K26	CH D ZERO POWER MODE BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K27	CH D TM/LP, APD & HI PWR, PWR TRIP TEST INTERLOCK	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYDWRDW10-K28	CH D TM/LP PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K29	CH D HIGH PRS PORV ACTUATION BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K3	CH D HIGH RATE CEA WITHDRAWAL PROHIBIT	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K30	CH D APD PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K31	CH D HI PWR, PWR TRIP TEST INTERLOCK BYPASS	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K32	CH D DELTA T POWER BLOCK	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K4	CH D HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRDW10-K5	CH D HIGH PRESSURIZER PRESS RELIEF VALVE (PORV) ACTUATION	Control General Purpose	CAL-AB-405	1E
2RYDWRDW6-AD1	AD MATRIX RELAY AD1	Control General Purpose	CAL-AB-405	1E
2RYDWRDW6-AD2	AD MATRIX RELAY AD2	Control General Purpose	CAL-AB-405	1E
2RYDWRDW6-AD3	AD MATRIX RELAY AD3	Control General Purpose	CAL-AB-405	1E
2RYDWRDW6-AD4	AD MATRIX RELAY AD4	Control General Purpose	CAL-AB-405	1E
2PNL2C10	ENGINEERING SAFEGUARDS CONTROL	Cabinet	CAL-AB-405	CATI
2RYRPS-K2	AUTO RX TRIP K2 RELAY	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RYRPS-K3	AUTO RX TRIP K3 RELAY	Control General Purpose	CAL-AB-405	1E
2RYRPS-K4	AUTO RX TRIP K4 RELAY	Control General Purpose	CAL-AB-405	1E
2RY2CSSGA/X1	UNIT 2 CTMT OVERPRESSURE PROT	Control General Purpose	CAL-AB-405	1E
2RY2CSSGA/X2	UNIT 2 CTMT OVERPRESSURE PROT	Control General Purpose	CAL-AB-405	1E
2RY2CSSGB/X1	UNIT 2 CTMT OVERPRESSURE PROT	Control General Purpose	CAL-AB-405	1E
2RY2CSSGB/X2	UNIT 2 CTMT OVERPRESSURE PROT	Control General Purpose	CAL-AB-405	1E
2RY2AX/313A	CNTMT PRESS XMTR CHAN A ISOL	Control General Purpose	CAL-AB-405	1E
2RY2AX/313B	PRES XMTR ISOL VLV ALARM RELAY	Control General Purpose	CAL-AB-405	1E
2RY2AX/313C	PRES XMTR ISOL VLV ALARM RELAY	Control General Purpose	CAL-AB-405	1E
2RY2AX/313D	PRES XMTR ISOL VLV ALARM RELAY	Control General Purpose	CAL-AB-405	1E
2RY2B102/2/SIA821	CNTMT COOL FAN CONTROLLER 21	Control General Purpose	CAL-AB-409	1E
2RY2B102/42/H	21 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E
2RY2B102/42/L	21 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E
2RY2B102/42X/L	21 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B105/2/SIA821	BKR 52-2105 CONT FILTER 21	Control General Purpose	CAL-AB-311	1E
2RY2B105/CX	BKR 52-2105 CONT FILTER 21	Control General Purpose	CAL-AB-311	1E
2RY2B114/2/SIA822	CNTMT COOL FAN 22 CONTROLLER	Control General Purpose	CAL-AB-414	1E
2RY2B114/42/H	22 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B114/42/L	22 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B114/42X/L	22 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B121/CX	BKR 52-2121 CONT FILTER 23	Control General Purpose	CAL-AB-311	1E
2RY2B402/2/SIB823	CNTMT COOL FAN 23 CONTROLLER	Control General Purpose	CAL-AB-409	1E
2RY2B402/42/H	23 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E
2RY2B402/42/L	23 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E
2RY2B402/42X/L	23 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-409	1E
2RY2B405/2/SIB822	BKR 52-2405 CONT FILTER 22	Control General Purpose	CAL-AB-407	1E
2RY2B405/CX	BKR 52-2405 CONT FILTER 22	Control General Purpose	CAL-AB-407	1E
2RY2B414/2/SIB824	CNTMT COOL FAN 24 CONTROLLER	Control General Purpose	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2B414/42/H	24 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B414/42/L	24 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B414/42X/L	24 CONTAINMENT COOLER FAN AUX RELAY	Control General Purpose	CAL-AB-414	1E
2RY2B421/2/SIB823	BKR 52-2421 CONT FILTER 23	Control General Purpose	CAL-AB-407	1E
2RY2B421/CX	BKR 52-2421 CONT FILTER 23	Control General Purpose	CAL-AB-407	1E
2RY2NB121/DCX	DISC SW 89-2121 CONT FILTER 23	Control General Purpose	CAL-AB-311	1E
2RY2NB421/DCX	DISC SW 89-2421 CONT FILTER 23	Control General Purpose	CAL-AB-407	1E
2RY2Y0319/X	CISO FOR 2MOV6901	Control General Purpose	CAL-AB-405	1E
2RY2B130/2/2B130	BKR 52-2130 PR HTR PROP CON 21	Control General Purpose	CAL-AB-311	1E
2RY2B130/CX	BKR 52-2130 PR HTR PROP CON 21	Control General Purpose	CAL-AB-311	1E
2RY2B430/2/2B430	BKR 52-2430 PR HTR PROP CON 22	Control General Purpose	CAL-AB-407	1E
2RY2B430/CX	BKR 52-2430 PR HTR PROP CON 22	Control General Purpose	CAL-AB-407	1E
2RY2PY103X-1/63X	63X/2PY103X-1 AUX RELAY TO 2MOV634 & 2MOV644	Control General Purpose	CAL-AB-405	1E
2RY2PY103X/63X	63X/2PY103X AUX RELAY TO 2MOV614 & 2MOV624	Control General Purpose	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2VE200/R2	PRZR RLF VLV ACOUSTIC MNTR	Control General Purpose	CAL-AB-405	PAM2
2RY2VE201/R4	PRZR RLF VLV ACOUSTIC MNTR	Control General Purpose	CAL-AB-405	PAM2
2RY2VE402/R1	PRZR RLF VLV ACOUSTIC MNTR	Control General Purpose	CAL-AB-405	PAM2
2RY2VE404/R3	PRZR RLF VLV ACOUSTIC MNTR	Control General Purpose	CAL-AB-405	PAM2
2RY33X/403	RC PZR RLF ISOL MOV 403 A	Control General Purpose	CAL-AB-405	1E
2RY33X/405	RC PZR RLF ISOL MOV 405 A	Control General Purpose	CAL-AB-405	1E
2RYNX001A-K1	CH A NIS WR FLUX TRIP 1	Control General Purpose	CAL-AB-405	PAM1,SBO
2RYNX002B-K1	CH B NIS WR FLUX TRIP 1	Control General Purpose	CAL-AB-405	PAM1,SBO
2RYNX003C-K1	CH C NIS WR FLUX TRIP 1	Control General Purpose	CAL-AB-405	PAM1,SBO
2RYNX004D-K1	CH D NIS WR FLUX TRIP 1	Control General Purpose	CAL-AB-405	PAM1,SBO
2RY2CSSGA/X3	CSAS'A'/SGIS'A' CONTACT MULTI	Control General Purpose	CAL-AB-405	1E
2RY2CSSGB/X3	CSAS'B'/SGIS'B' CONTACT MULTI	Control General Purpose	CAL-AB-405	1E
2RY2V4042/2/4044A	MSIV 21 CH A EXERCISE TIMER	Control General Purpose	CAL-AB-405	1E
2RY2V4042/X1	MSIV 21 CH A VALVE CLOSE RELAY	Control General Purpose	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RY2V4042/X2	MSIV 21 CH. A EXERCISE RELAY	Control General Purpose	CAL-AB-405	1E,SBO
2RY2V4043/2/4044B	MSIV 21 CH B EXERCISE TIMER	Control General Purpose	CAL-AB-405	1E
2RY2V4043/X1	MSIV 21 CH B VALVE CLOSE RELAY	Control General Purpose	CAL-AB-405	1E,SBO
2RY2V4043/X2	MSIV 21 CH. B EXERCISE RELAY	Control General Purpose	CAL-AB-405	1E
2RY2V4047/2/4049B	MSIV 22 CH B EXERCISE TIMER	Control General Purpose	CAL-AB-405	1E
2RY2V4047/X1	MSIV 22 CH B VALVE CLOSE RELAY	Control General Purpose	CAL-AB-405	1E,SBO
2RY2V4047/X2	MSIV 22 CH. B EXERCISE RELAY	Control General Purpose	CAL-AB-405	1E
2RY2V4048/2/4049A	MSIV 22 CH A EXERCISE TIMER	Control General Purpose	CAL-AB-405	1E
2RY2V4048/X1	MSIV 22 CH A VALVE CLOSE RELAY	Control General Purpose	CAL-AB-405	1E,SBO
2RY2V4048/X2	MSIV 22 CH. A EXERCISE RELAY	Control General Purpose	CAL-AB-405	1E
2RYV4042/33AX4043	MSIV 21 STROKE TIMER INITIATE	Control General Purpose	CAL-AB-405	1E,SBO
2RYV4047/33AX4048	MSIV 22 STROKE TIMER INITIATE	Control General Purpose	CAL-AB-405	1E,SBO
2MCC204R	480V MCC204R	Controller Motor (MCC bucket)	CAL-AB-414	1E,SBO
2MCC214R	480V MCC214R	Controller Motor (MCC bucket)	CAL-AB-532	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MCC2AG	480V MCC 2AG	Controller Motor (MCC bucket)	CAL-AB-422	1E
2MCC2BG	480V MCC 2BG	Controller Motor (MCC bucket)	CAL-AB-416	1E
2MCC2N2AG04	480VAC PWR PNL DG 2A	Controller Motor (MCC bucket)	CAL-AB-422	1E
2MCC2N2BG04	480VAC PWR PNL DG2B	Controller Motor (MCC bucket)	CAL-AB-416	1E
2GOVEDG2A	2A DG GOVERNOR	Controller or Governor	CAL-AB-422	1E
2GOVEDG2B	2B EDG GOVERNOR	Controller or Governor	CAL-AB-416	1E
2PNL2C67	ESFAS ACT LOGIC & RELAY CAB A	Cabinet	CAL-AB-302	CATI
2DAMP5334SO	2 HVAC/A SRW HX RM OUT FA	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-205	1M,PB
2DAMP5335SO	2 HVAC/A SRW HX RM INL FA	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-205	1M,PB
2DAMP5408	ECCS PUMP RM FILT UNIT-21 CHAR FILT INELT DAMP	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	1M,PB
2DAMP5408A	ECCS PP RM FILT U-21 CHAR FILT BYP DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-105A	1M,PB
2DAMP5426A	21 U OUTSIDE AIR DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2DAMP5426B	21 U RECIRC AIR DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2DAMP5426C	22 U OUTSIDE AIR DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2DAMP5426D	22 U RECIRC AIR DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DAMP5426E	U2 SWITCHGEAR HVAC SUPPLY DUCT COVER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-ARF	PB
2DAMP5441	EL 45' SWGR RM EXH DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-407	1M,PB
2DAMP5442	EL 27' SWGR RM SUPP DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-311	MOV,PB
2DAMP5443	EL 27' SWGR RM EXH DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-311	1M,PB
2DAMPPO-5439	EL 45' SWGR RM SUPP DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-407	1M,PB
2DAMPPO-5440	EL 45' SWGR RM SUPP DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-407	1M,PB
2GD5470	AFW PUMP ROOM DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AFWPR-605	PB
2GD5471	AFW PUMP ROOM DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AFWPR-605	PB
2GDHVAC/A-228A	21 SWGR HVAC DISCH GRAV DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2GDHVAC/A-5406	ECCS EXH FAN 21 DISCH DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	1M,PB
2GDHVAC/A-5407	ECCS EXH FAN 22 DISCH DMP	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	1M,PB
2HDHVAC/A-345	AFW PP RM EMERG AIR INLET DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	1M,PB
2DAMP5285	21 PENETRATION ROOM EXHAU	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	PB
2DAMP5286	21 PENETRATION ROOM EXHAU	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DAMP5287	22 PENETRATION ROOM EXHAU	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	PB
2DAMP5288	22 PENETRATION ROOM EXHAU	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-204	PB
2DAMP5429	2A DIESEL RM EXHAUST DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-422	1M,PB
2DAMP5430	2A DIESEL RM SUPPLY DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-422	1M,PB
2DAMP5430A	2A DIESEL RM RECIRC DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-422	1M,PB
2DAMP5437	DIESEL RM 2B EXHAUST DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-416	1M,PB
2DAMP5438	2B DIESEL RM SUPPLY DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-416	1M,PB
2DAMP5438A	2B DIESEL RM RECIRC DAMPER	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-416	1M,PB
2FE1581	CNTMT CLR 21 SERV WTR INLT	Detectors, Elements	CAL-AB-206	1M,PB,PAM2
2FE1584	CNTMT CLR 22 SERV WTR INLT	Detectors, Elements	CAL-AB-211	1M,PB,PAM2
2FE1589	CNTMT CLR 23 SERV WTR INLT	Detectors, Elements	CAL-AB-206	1M,PB,PAM2
2FE1592	CNTMT CLR 24 SERV WTR INLT	Detectors, Elements	CAL-AB-211	1M,PB,PAM2
2TE1576	SERV WTR HTEX 21 DISCH	Detectors, Elements	CAL-AB-205	PAM2,PB
2TE1578	SERV WTR HTEX 22 DISCH	Detectors, Elements	CAL-AB-205	PAM2,PB
2TE1587	DIESEL CLR 2B SRW OUTLET	Detectors, Elements	CAL-AB-416	PB
2TE1588	DIESEL CLR 2A SERV WTR OUTLT	Detectors, Elements	CAL-AB-422	PB
2FE5209	21A SRW HX FLOW ELEMENT	Detectors, Elements	CAL-AB-205	1M,PB
2FE5210	21B SRW HX SW FLOW ELEMENT	Detectors, Elements	CAL-AB-205	1M,PB
2FE5211	22A SRW HX SW FLOW ELEMENT	Detectors, Elements	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FE5212	22B SRW HX SW FLOW ELEMENT	Detectors, Elements	CAL-AB-205	1M,PB
2TE3824	COMP CLG HTEX 21 OUTLET	Detectors, Elements	CAL-AB-201	50.49,PB,PAM2
2TE3826	COMP CLG HTEX 22 OUTLET	Detectors, Elements	CAL-AB-201	50.49,PB,PAM2
2TE3828	COMP CLG OUTLT SD HTEX 21	Detectors, Elements	CAL-AB-101	PB
2TE3830	COMP CLG OUTLT SD HTEX 22	Detectors, Elements	CAL-AB-102	PB
2SE2DG2AD/2301A	2A EDG SPEED ELEMENT FOR 2301A CONTROL UNIT	Detectors, Elements	CAL-AB-422	1E
2SE2DG2AD/ESSB	2A EDG SPEED ELEMENT FOR ESSB	Detectors, Elements	CAL-AB-422	1E
2SE2DG2BD/2301A	2B EDG SPEED ELEMENT FOR 2301A CONTROL UNIT	Detectors, Elements	CAL-AB-416	1E
2SE2DG2BD/ESSB	2B EDG SPEED ELEMENT FOR ESSB	Detectors, Elements	CAL-AB-416	1E
2TE5426	21 SWGR HVAC RETN AIR RTD	Detectors, Elements	CAL-AB-526	1E
2TE5426-1	21 SWGR HVAC RET AIR TEMP SENSOR	Detectors, Elements	CAL-AB-526	1E
2TE5426A	22 SWGR HVAC RETURN AIR RTD	Detectors, Elements	CAL-AB-526	1E
2TE5426A1	22 SWGR HVAC RET AIR TEMP SENSOR	Detectors, Elements	CAL-AB-526	1E
2TE5427	21 SWGR HVAC O/S AIR RTD	Detectors, Elements	CAL-AB-526	1E
2TE5427A	NEQF110 HVAC O/S AIR RTD	Detectors, Elements	CAL-AB-526	1E
2FE210Y	BORIC ACID TO VOL CONT TNK 21	Detectors, Elements	CAL-AB-215	PB
2FE212	CHARGING PUMPS DISCHARGE FLOW	Detectors, Elements	CAL-AB-211	PB
2TE206	B A STORAGE TANK 21 TEMP CONT	Detectors, Elements	CAL-AB-215	1E,PB
2TE207	B A STORAGE TANK 21 TEMP CONT	Detectors, Elements	CAL-AB-215	1E,PB
2TE208	B A STORAGE TANK 22 TEMP CONT	Detectors, Elements	CAL-AB-215	1E,PB
2TE209	B A STORAGE TANK 22 TEMP CONT	Detectors, Elements	CAL-AB-215	1E,PB
2TE228	CHARGING PUMPS DISCHARGE HDR	Detectors, Elements	CAL-AB-321	PB
2FE306	LP SAFTY INJECT FLOW CONTROL	Detectors, Elements	CAL-AB-201	PAM2,PB
2FE311	HPSI FLOW TO LOOP 21B	Detectors, Elements	CAL-AB-203	PAM2,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FE312	LPSI FLOW TO LOOP 21B	Detectors, Elements	CAL-AB-203	PAM2,PB
2FE321	HPSI FLOW TO LOOP 21A	Detectors, Elements	CAL-AB-203	PAM2,PB
2FE322	HPSI FLOW TO LOOP 21A	Detectors, Elements	CAL-AB-203	PAM2,PB
2FE331	HPSI FLOW TO LOOP 22B	Detectors, Elements	CAL-AB-211	PAM2,PB
2FE332	LPSI FLOW TO LOOP 22B	Detectors, Elements	CAL-AB-211	PAM2,PB
2FE341	HPSI FLOW TO LOOP 22A	Detectors, Elements	CAL-AB-211	PAM2,PB
2FE342	LPSI FLOW TO LOOP 22A	Detectors, Elements	CAL-AB-211	PAM2,PB
2FE500	SHUT-DOWN COOLING SYSTEM	Detectors, Elements	CAL-AB-322	PB
2TE351X	SHUTDOWN COOLING OUTLET TEMP	Detectors, Elements	CAL-AB-201	50.49,PB,PAM2
2TE351Y	SHUTDOWN COOLING RETURN TEMP	Detectors, Elements	CAL-AB-101	50.49,PB,PAM2
2TE4142	REFUEL WTR TNK 21 TEMP	Detectors, Elements	CAL-AB-440	PB
2TE4143	REFUEL WTR TNK 21 TEMP	Detectors, Elements	CAL-AB-440	PB
2TE3990	STEAM GEN 21 STEAM OUTLET TEMP	Detectors, Elements	CAL-AB-309	PB
2TE3991	STEAM GEN 21 STEAM OUTLET TEMP	Detectors, Elements	CAL-AB-309	PB
2TE4008	STM GEN 22 OUTLET	Detectors, Elements	CAL-AB-309	PB
2TE4009	STEAM GEN 22 STEAM OUTLET TEMP	Detectors, Elements	CAL-AB-309	PB
2DOOR68	CNTMT PERSONNEL AIR LOCK (PAL)	Door	CAL-AB-527	PB
2BKR152-2110	HIGH PRESSURE SAFETY INJECTION PUMP 23	Circuit Breaker	CAL-AB-311	1E
2BATT21	125V DC BATT 21	Dry or Wet Cell Battery	CAL-AB-305	1E
2BATT22	125V DC BATT 22	Dry or Wet Cell Battery	CAL-AB-307	1E
2BATT2D03	125V DC BATT 21 (30 OF 59 CELLS)	Dry or Wet Cell Battery	CAL-AB-305	1E,SBO
2BATT2D04	125V DC BATT 21 (29 OF 59 CELLS)	Dry or Wet Cell Battery	CAL-AB-305	1E,SBO
2BATT2D09	125V DC BATT 22 (30 OF 59 CELLS)	Dry or Wet Cell Battery	CAL-AB-307	1E,SBO
2BATT2D10	125V DC BATT 22 (29 OF 59 CELLS)	Dry or Wet Cell Battery	CAL-AB-307	1E,SBO
2MD2A101/M	BKR 152-2101 FROM U-4000-12	Electric Motor	CAL-AB-311	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MD2A102/M	BKR 152-2102 TO U-440-21B	Electric Motor	CAL-AB-311	1E
2MD2A104/M	BKR 152-2104 TO LPSI PP 21	Electric Motor	CAL-AB-311	1E
2MD2A105/M	BKR 152-2105 TO SALT WTR PP 21	Electric Motor	CAL-AB-311	1E
2MD2A107/M	BKR 152-2107 CONT SPRAY PP 21	Electric Motor	CAL-AB-311	1E
2MD2A108/M	BKR 152-2108 HPSI PP 21	Electric Motor	CAL-AB-311	1E
2MD2A109/M	BKR 152-2109 SERV WATER PP 21	Electric Motor	CAL-AB-311	1E
2MD2A110/M	BKR 152-2110 HPSI PP 23	Electric Motor	CAL-AB-311	1E
2MD2A111/M	BKR 152-2111 SERV WATER PP 23	Electric Motor	CAL-AB-311	1E
2MD2A112/M	BKR 152-2112 SALT WATER PP 23	Electric Motor	CAL-AB-311	1E
2MD2A113/M	BKR 152-2113 SWYD FDR 500KVA	Electric Motor	CAL-AB-311	1E
2MD2A114/M	BKR 152-2114 TRANSF U-440-21A	Electric Motor	CAL-AB-311	1E
2MD2A115/M	BKR 152-2115 TRANSF U-4000-22	Electric Motor	CAL-AB-311	1E
2MD2A401/M	BKR 152-2401 FROM U-4000-22	Electric Motor	CAL-AB-407	1E,SBO
2MD2A402/M	BKR 152-2402 TO U-440-24A	Electric Motor	CAL-AB-407	1E
2MD2A404/M	BKR 152-2404 LPSI PMP 22	Electric Motor	CAL-AB-407	1E
2MD2A405/M	BKR 152-2405 SALT WTR PMP 22	Electric Motor	CAL-AB-407	1E
2MD2A407/M	BKR 152-2407 CTMT SPRAY PMP 22	Electric Motor	CAL-AB-407	1E
2MD2A408/M	BKR 152-2408 HPSI PMP 22	Electric Motor	CAL-AB-407	1E
2MD2A409/M	BKR 152-2409 SERV WTR PMP 22	Electric Motor	CAL-AB-407	1E
2MD2A410/M	BKR 152-2410 HPSI PMP 23	Electric Motor	CAL-AB-407	1E
2MD2A411/M	BKR 152-2411 SERV WTR PMP 23	Electric Motor	CAL-AB-407	1E
2MD2A412/M	BKR 152-2412 SALT WTR PMP 23	Electric Motor	CAL-AB-407	1E
2MD2A413/M	BKR 152-2413 TO U-440-24B	Electric Motor	CAL-AB-407	1E
2MD2A414/M	BKR 152-2414 FROM U-4000-12	Electric Motor	CAL-AB-407	1E
2MD2A415/M	BKR 152-2415 AUX FW PMP 23	Electric Motor	CAL-AB-407	1E
2MD2B101/M	BKR 52-2101 CAVITY CLG FAN 21	Electric Motor	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MD2B104/M	BKR 52-2104 CHARGING PUMP 13	Electric Motor	CAL-AB-311	1E
2MD2B105/M	BKR 52-2105 CONT FILTER 21	Electric Motor	CAL-AB-311	1E
2MD2B106/M	BKR 52-2106 COMP COOLING PP 21	Electric Motor	CAL-AB-311	1E
2MD2B107/M	BKR 52-2107 BATT CHARGER 250V	Electric Motor	CAL-AB-311	1E
2MD2B108/M	BKR 52-2108 TURB BRG OIL PP 21	Electric Motor	CAL-AB-311	1E
2MD2B109/M	BKR 52-2109 TURB MCC 201AT	Electric Motor	CAL-AB-311	1E
2MD2B110/M	BKR 52-2110 SWGR RM A/C COMP21	Electric Motor	CAL-AB-311	1E
2MD2B111/M	BKR 52-2111 BATT CHGR 23 125V	Electric Motor	CAL-AB-311	1E
2MD2B112/M	BKR 52-2109 TURB MCC 201AT	Electric Motor	CAL-AB-311	1E
2MD2B113/M	BKR 52-2113 FROM TX U-440-21B	Electric Motor	CAL-AB-311	1E
2MD2B115/M	BKR 52-2115 CHARGING PP 21	Electric Motor	CAL-AB-311	1E
2MD2B116/M	BKR 52-2116 COMP CLG PP 23	Electric Motor	CAL-AB-311	1E
2MD2B117/M	BKR 52-2117 MAIN PLT EXH FAN21	Electric Motor	CAL-AB-311	1E
2MD2B118/M	BKR 52-2118 INSTR AIR COMPR 21	Electric Motor	CAL-AB-311	1E
2MD2B120/M	BKR 52-2120 BATTERY CHARGER 22	Electric Motor	CAL-AB-311	1E
2MD2B121/M	BKR 52-2121 CONT FILTER 23	Electric Motor	CAL-AB-311	1E
2MD2B122/M	BKR 52-2122 H2 RECOMBINER 21	Electric Motor	CAL-AB-311	1E
2MD2B125/M	BKR 52-2125 COMP RM HVAC	Electric Motor	CAL-AB-311	1E
2MD2B127/M	BKR 52-2127 BU PR HTR MCC209PH	Electric Motor	CAL-AB-311	1E
2MD2B130/M	BKR 52-2130 PR HTR PROP CON 21	Electric Motor	CAL-AB-311	1E
2MD2B401/M	BKR 52-2401 CAVITY CLG FAN 22	Electric Motor	CAL-AB-407	1E
2MD2B404/M	BKR 52-2404 CHARGING PUMP 23	Electric Motor	CAL-AB-407	1E
2MD2B405/M	BKR 52-2405 CONT FILTER 22	Electric Motor	CAL-AB-407	1E
2MD2B406/M	BKR 52-2406 COMP COOLING PP 22	Electric Motor	CAL-AB-407	1E
2MD2B407/M	BKR 52-2407 BATT CHARGER 21	Electric Motor	CAL-AB-407	1E
2MD2B408/M	BKR 52-2408 CONT RM A/C COMP12	Electric Motor	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MD2B411/M	BKR 52-2411 FUEL POOL CLG PP12	Electric Motor	CAL-AB-407	1E
2MD2B412/M	BKR 52-2412 FROM TX U-440-24A	Electric Motor	CAL-AB-407	1E
2MD2B413/M	BKR 52-2413 FROM TX U-440-24B	Electric Motor	CAL-AB-407	1E
2MD2B415/M	BKR 52-2415 CHARGING PP22	Electric Motor	CAL-AB-407	1E
2MD2B416/M	BKR 52-2416 COMP CLG PP23	Electric Motor	CAL-AB-407	1E
2MD2B417/M	BKR 52-2417 MAIN PLT EXH FAN22	Electric Motor	CAL-AB-407	1E
2MD2B418/M	BKR 52-2418 INSTR AIR COMPR 22	Electric Motor	CAL-AB-407	1E
2MD2B419/M	BKR 52-2419 TURBINE MCC 201BT	Electric Motor	CAL-AB-407	1E
2MD2B420/M	BKR 52-2420 BATTERY CHARGER 24	Electric Motor	CAL-AB-407	1E
2MD2B421/M	BKR 52-2421 CONT FILTER 23	Electric Motor	CAL-AB-407	1E
2MD2B422/M	BKR 52-2422 H2 RECOMBINER 22	Electric Motor	CAL-AB-407	1E
2MD2B423/M	BKR 52-2423 PLT AIR COMPR 21	Electric Motor	CAL-AB-407	1E
2MD2B424/M	BKR 52-2424 SWGR RM A/C COMP22	Electric Motor	CAL-AB-407	1E
2MD2B427/M	BKR52-2427 PRESS HTR MCC 211PH	Electric Motor	CAL-AB-407	1E
2MD2B430/M	BKR 52-2430 PR HTR PROP CON 22	Electric Motor	CAL-AB-407	1E
2MA109	21 SRW PP MOTOR	Electric Motor	CAL-AB-205	1E
2MA409	22 SRW PP MOTOR	Electric Motor	CAL-AB-205	1E
2MA411	23 SRW PP MOTOR	Electric Motor	CAL-AB-205	1E
2MA105	21 SW PUMP MTR	Electric Motor	CAL-ISPR-INT2	1E
2MA405	22 SW PUMP MTR	Electric Motor	CAL-ISPR-INT2	1E
2BKR52-21401	MCC 214R MN FD BKR	Circuit Breaker	CAL-AB-532	1E
2MB106	COMPONENT COOLING PUMP 21	Electric Motor	CAL-AB-201	1E,50.49
2MB116	COMPONENT COOLING PUMP 23	Electric Motor	CAL-AB-201	1E,50.49
2MB406	COMPONENT COOLING PUMP 22	Electric Motor	CAL-AB-201	1E,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MD2NB116/M	DISC SW 89-2116 COMP CLG PP 23	Electric Motor	CAL-AB-311	1E
2MD2NB416/M	DISC SW 89-2416 COMP CLG PP 23	Electric Motor	CAL-AB-407	1E
2M0405A	22 IA SW AIR COMPR MOTOR A	Electric Motor	CAL-AB-205	1E
2M0405B	22 IA SW AIR COMPR MOTOR B	Electric Motor	CAL-AB-205	1E
2M1405A	21 IA SW AIR COMPR MOTOR A	Electric Motor	CAL-AB-205	1E
2M1405B	21 IA SW AIR COMPR MOTOR B	Electric Motor	CAL-AB-205	1E
2M2AG02	2A DG FO TRANSF PUMP	Electric Motor	CAL-AB-422	1E
2M2AG03	2A DG AIR COMPRESSOR	Electric Motor	CAL-AB-422	1E
2M2AG402	DG 2A JACKET COOLANT PUMP	Electric Motor	CAL-AB-421	1E
2M2AG404	DG 2A STANDBY LUBE OIL PUMP	Electric Motor	CAL-AB-421	1E
2M2AG405	DG 2A PRELUBE PUMP	Electric Motor	CAL-AB-421	1E
2M2BG02	DG FO TRANSF PUMP 2B	Electric Motor	CAL-AB-416	1E
2M2BG03	DG 2B AIR COMPRESSOR	Electric Motor	CAL-AB-416	1E
2M2BG402	DG 2B JACKET COOLANT PUMP	Electric Motor	CAL-AB-416	1E
2M2BG404	DG 2B STANDBY LUBE OIL PUMP	Electric Motor	CAL-AB-416	1E
2M2BG405	DG 2B PRELUBE PUMP	Electric Motor	CAL-AB-416	1E
2MD2A103/M	BKR 152-2103 FROM 2A DG	Electric Motor	CAL-AB-311	1E,SBO
2MD2A106/M	BKR 152-2106 FROM DIESEL 1B	Electric Motor	CAL-AB-311	1E,SBO
2MD2A403/M	2B DG BKR 152-2403	Electric Motor	CAL-AB-407	1E,SBO
2MD2A406/M	BKR 152-2406 DSL OC	Electric Motor	CAL-AB-407	1E,SBO
2M0403A	CONTROL RM CONDENSER FAN 12	Electric Motor	CAL-AB-ARF	1E
2M0403B	CONTROL RM CONDENSER FAN 12	Electric Motor	CAL-AB-ARF	1E
2M0410	CONTROL ROOM HVAC UNIT 12 FAN	Electric Motor	CAL-AB-ARF	1E
2M0410	CONTROL ROOM HVAC UNIT 12 FAN	Electric Motor	CAL-AB-ARF	1E
2M0433	CONT RM RETURN AIR FAN 12	Electric Motor	CAL-AB-ARF	1E
2M0437	BATTERY ROOM SUPPLY FAN	Electric Motor	CAL-AB-524	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2M0447	CONTROL ROOM FILTER FAN 12	Electric Motor	CAL-AB-ARF	1E
2MB408	CONTROL RM A/C COMPRESSOR 12	Electric Motor	CAL-AB-512	1E
2M0203	FUEL AREA EXHAUST FAN 12	Electric Motor	CAL-AB-520	SRQ
2M0412	AUX. FEEDWATER PUMP RM VENT FAN 22	Electric Motor	CAL-AB-204	1E
2M0412	AUX. FEEDWATER PUMP RM VENT FAN 22	Electric Motor	CAL-AB-204	1E
2M0413	ECCS PUMP RM EXHAUST FAN 22	Electric Motor	CAL-AB-204	1E
2M0436	SWGR RM HVAC 22 UNIT 22 FAN	Electric Motor	CAL-AB-526	1E
2M0448A	ECCS PUMP RM AIR CLR 22 FAN MTR	Electric Motor	CAL-AB-102	1E,50.49
2M0448B	ECCS PUMP RM AIR CLR 22 FAN MTR	Electric Motor	CAL-AB-102	1E,50.49
2M0448C	ECCS PUMP RM AIR CLR 22 FAN MTR	Electric Motor	CAL-AB-102	1E,50.49
2M0451	SERVICE WTR HTEX RM FAN VU-19B	Electric Motor	CAL-AB-205	1E
2M1412	AUX. FEEDWATER PUMP RM VENT FAN 21	Electric Motor	CAL-AB-204	1E
2M1412	AUX. FEEDWATER PUMP RM VENT FAN 21	Electric Motor	CAL-AB-204	1E
2M1413	ECCS PUMP RM EXHAUST FAN 21	Electric Motor	CAL-AB-204	1E
2M1436	SWGR RM HVAC UNIT 21 FAN	Electric Motor	CAL-AB-526	1E
2M1437	SERV WTR HTEX RM FAN VU-19A	Electric Motor	CAL-AB-205	1E
2M1448A	ECCS PUMP RM AIR CLR 21 FAN MTR	Electric Motor	CAL-AB-101	1E,50.49
2M1448B	ECCS PUMP RM AIR CLR 21 FAN MTR	Electric Motor	CAL-AB-101	1E,50.49
2M1448C	ECCS PUMP RM AIR CLR 21 FAN MTR	Electric Motor	CAL-AB-101	1E,50.49
2M1448D	ECCS PUMP RM AIR CLR 21 FAN MTR	Electric Motor	CAL-AB-101	1E,50.49
2MB110	SWGR ROOM HVAC UNIT NO. 21	Electric Motor	CAL-AB-ARF	1E
2MB110/1	21 SWGR HVAC CKT1 CNDSR FAN MOTOR #1	Electric Motor	CAL-AB-ARF	1E
2MB110/2	21 SWGR HVAC CKT1 CNDSR FAN MOTOR #2	Electric Motor	CAL-AB-ARF	1E
2MB110/3	21 SWGR HVAC CKT1 CNDSR FAN MOTOR #3	Electric Motor	CAL-AB-ARF	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MB110/4	21 SWGR HVAC CKT2 CNDSR FAN MOTOR #4	Electric Motor	CAL-AB-ARF	1E
2MB110/5	21 SWGR HVAC CKT2 CNDSR FAN MOTOR #5	Electric Motor	CAL-AB-ARF	1E
2MB110/6	21 SWGR HVAC CKT2 CNDSR FAN MOTOR #6	Electric Motor	CAL-AB-ARF	1E
2MB424	SWGR ROOM HVAC UNIT NO. 22	Electric Motor	CAL-AB-ARF	1E
2MB424/1	22 SWGR HVAC CKT1 CNDSR FAN MOTOR #1	Electric Motor	CAL-AB-ARF	1E
2MB424/2	22 SWGR HVAC CKT1 CNDSR FAN MOTOR #2	Electric Motor	CAL-AB-ARF	1E
2MB424/3	22 SWGR HVAC CKT1 CNDSR FAN MOTOR #3	Electric Motor	CAL-AB-ARF	1E
2MB424/4	22 SWGR HVAC CKT2 CNDSR FAN MOTOR #4	Electric Motor	CAL-AB-ARF	1E
2MB424/5	22 SWGR HVAC CKT2 CNDSR FAN MOTOR #5	Electric Motor	CAL-AB-ARF	1E
2MB424/6	22 SWGR HVAC CKT2 CNDSR FAN MOTOR #6	Electric Motor	CAL-AB-ARF	1E
2M0406	BORIC ACID PUMP MOTOR 22	Electric Motor	CAL-AB-215	1E
2M1406	BORIC ACID PUMP 21	Electric Motor	CAL-AB-215	1E
2MB115	CHARGING PUMP 21	Electric Motor	CAL-AB-105A	1E
2MB404	CHARGING PUMP 23	Electric Motor	CAL-AB-105C	1E
2MB415	CHARGING PUMP 22	Electric Motor	CAL-AB-105B	1E
2MD2NB104/M	DISC SW 89-2104 CHARGING PP 23	Electric Motor	CAL-AB-311	1E
2MD2NB404/M	DISC SW 89-2404 CHRGING PP 23	Electric Motor	CAL-AB-407	1E
2MA104	21 SI LPSI PP MTR	Electric Motor	CAL-AB-101	1E,50.49
2MA108	21 SI HPSI PP MTR	Electric Motor	CAL-AB-101	1E,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MA110	23 SI HPSI PP MTR	Electric Motor	CAL-AB-102	1E,50.49
2MA404	22 SI LPSI PP MTR	Electric Motor	CAL-AB-102	1E,50.49
2MA408	22 SI HPSI PP MTR	Electric Motor	CAL-AB-101	1E,50.49
2MD2NA110/M	HPSI PP 23 MOTOR OP DISC SW	Electric Motor	CAL-AB-311	1E
2MD2NA410/M	HPSI PUMP 23 DISCONNECT	Electric Motor	CAL-AB-407	1E
2M0402	PENETRATION RM EXH FAN 22	Electric Motor	CAL-AB-204	1E
2M1402	PENETRATION RM EXH FAN 21	Electric Motor	CAL-AB-204	1E
2MD2NB121/M	DISC SW 89-2121 CONT FILTER 23	Electric Motor	CAL-AB-311	1E
2MD2NB421/M	DISC SW 89-2421 CONT FILTER 23	Electric Motor	CAL-AB-407	1E
2M2AG01	2A DG RM VENT FAN 2A	Electric Motor	CAL-AB-422	1E
2M2BG01	DG 2B VENT FAN 2B	Electric Motor	CAL-AB-416	1E
2MOV2080	CNTMT IA ISOLATION MOV	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2MOV2080OP	INSTRUMENT AIR CNTMT ISOL VLV	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M
2MOV2080VLV	CONTAINMENT INSTRUMENT AIR ISOLATION VALVE	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV2080VLV	CONTAINMENT INSTRUMENT AIR ISOLATION VALVE	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV269	SI TO CHG HDR CORE FLUSH	Electric Motor/Servo (MOV)	CAL-AB-105B	1E,PB,MOV,50.49,1M
2MOV269OP	CHG PMP HDR TO HPSI ISOL VLV	Electric Motor/Servo (MOV)	CAL-AB-105B	1E,MOV,50.49,1M
2MOV269VLV	SI TO CHG HDR CORE FLUSH	Electric Motor/Servo (MOV)	CAL-AB-105A	1M,PB,MOV
2MOV269VLV	SI TO CHG HDR CORE FLUSH	Electric Motor/Servo (MOV)	CAL-AB-105A	1M,PB,MOV

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV501	VCT OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-105B	1E,PB,MOV,50.49,1M
2MOV501OP	VOL CONT TNK DISCH VLV	Electric Motor/Servo (MOV)	CAL-AB-105B	1E,MOV,50.49,1M
2MOV501VLV	VCT OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-105B	1M,PB,MOV
2MOV501VLV	VCT OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-105B	1M,PB,MOV
2MOV504	RWT TO CHG PP	Electric Motor/Servo (MOV)	CAL-AB-212	1E,PB,MOV,50.49,1M
2MOV504VLV	RWT TO CHG PP	Electric Motor/Servo (MOV)	CAL-AB-212	PB
2MOV504VLV	RWT TO CHG PP	Electric Motor/Servo (MOV)	CAL-AB-212	PB
2MOV508OP	B A TANK 22 TO CHG PMP SUCT	Electric Motor/Servo (MOV)	CAL-AB-215	1E,MOV,1M
2MOV508VLV	22 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2MOV508VLV	22 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2MOV509OP	BA STORGE TNK 21 TO CHARG PMPS	Electric Motor/Servo (MOV)	CAL-AB-215	1E,MOV,1M
2MOV509VLV	21 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2MOV509VLV	21 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2MOV514OP	BA PMP TO CHARGE PMP SUCTION	Electric Motor/Servo (MOV)	CAL-AB-215	1E,MOV,1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV514VLV	BAPP'S TO CHG PP SUCT DIR	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2MOV514VLV	BAPP'S TO CHG PP SUCT DIR	Electric Motor/Servo (MOV)	CAL-AB-215	1M,PB,MOV
2COMPSWAC22A	22 SW AIR COMP A	Compressor	CAL-AB-205	1M,PB
2COMPSWAC22B	22 SW AIR COMP B	Compressor	CAL-AB-205	1M,PB
2MOV399	SDC HX RECIRC ISOL	Electric Motor/Servo (MOV)	CAL-AB-203	1E,PB,MOV,50.49,1M
2MOV399OP	S/D CLG RETURN HDR ISOL VLV	Electric Motor/Servo (MOV)	CAL-AB-203	1E,MOV,50.49,1M
2MOV399OP	S/D CLG RETURN HDR ISOL VLV	Electric Motor/Servo (MOV)	CAL-AB-203	1E,MOV,50.49,1M
2MOV399VLV	SDC HX RECIRC ISOL	Electric Motor/Servo (MOV)	CAL-AB-203	1M,PB,MOV
2MOV399VLV	SDC HX RECIRC ISOL	Electric Motor/Servo (MOV)	CAL-AB-203	1M,PB,MOV
2MOV399VLV	SDC HX RECIRC ISOL	Electric Motor/Servo (MOV)	CAL-AB-203	1M,PB,MOV
2MOV4142	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1E,PB,MOV,1M
2MOV4142VLV	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1M,PB,MOV
2MOV4142VLV	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1M,PB,MOV
2MOV4143	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1E,PB,MOV,1M
2MOV4143OP	REFUELING WATER TANK DISCHARGE	Electric Motor/Servo (MOV)	CAL-AB-440	1E,MOV,1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV4143VLV	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1M,PB,MOV
2MOV4143VLV	RWT OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-440	1M,PB,MOV
2MOV4144	CONTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1E,SBO,PB,MOV,50.49,1M
2MOV4144OP	CONTAINMENT SUMP DISCHARGE VLV	Electric Motor/Servo (MOV)	CAL-AB-120	1E,SBO,MOV,50.49,1M
2MOV4144VLV	CNTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1M,SBO,PB,MOV
2MOV4144VLV	CNTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1M,SBO,PB,MOV
2MOV4145	CONTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1E,SBO,PB,MOV,50.49,1M
2MOV4145OP	CONTAINMENT SUMP DISCHARGE VLV	Electric Motor/Servo (MOV)	CAL-AB-120	1E,SBO,MOV,50.49,1M
2MOV4145VLV	CONTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1M,SBO,PB,MOV
2MOV4145VLV	CONTMT SUMP OUTLET ISOL	Electric Motor/Servo (MOV)	CAL-AB-120	1M,SBO,PB,MOV
2RY2Y03A/64/B23	2Y03 INVERTER	Control General Purpose	CAL-AB-302	1E
2MOV615OP	LPSI TO LOOP 21B CONTROL VLV	Electric Motor/Servo (MOV)	CAL-AB-206	1E,MOV,50.49,1M
2MOV615VLV	21B LPSI OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-206	1M,PB,MOV
2MOV615VLV	21B LPSI OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-206	1M,PB,MOV

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV616	21B HPSI LOOP ISOL MOV	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2MOV616OP	NORM HPSI HDR TO LOOP 21A CONT	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M
2MOV616VLV	21B HPSI LOOP ISOL MOV	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV616VLV	21B HPSI LOOP ISOL MOV	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV617	21B AUX HPSI LOOP ISOL MO	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2MOV617OP	AUX HPSI HDR TO LOOP 21A CONT	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M
2MOV617VLV	21B AUX HPSI LOOP ISOL MO	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV617VLV	21B AUX HPSI LOOP ISOL MO	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2RZRPS-K1	AUTO RX TRIP K1 RELAY	Control General Purpose	CAL-AB-405	1E
2MOV625OP	LPSI LOOP 21A CONTROL VLV	Electric Motor/Servo (MOV)	CAL-AB-206	1E,MOV,50.49,1M
2MOV625VLV	21A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-206	1M,PB,MOV
2MOV625VLV	21A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-206	1M,PB,MOV
2MOV626	21A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2MOV626OP	NORM HPSI HDR TO LOOP 21B CONT	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV626VLV	21A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV626VLV	21A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2RYRPS-K4	AUTO RX TRIP K4 RELAY	Control General Purpose	CAL-AB-405	1E
2MOV627OP	AUX HPSI HDR TO LOOP 21B CONT	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M
2MOV627VLV	21A AUX HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV627VLV	21A AUX HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV635	22B LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV635OP	LPSI LOOP 22B CONTROL VLV	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M
2MOV635VLV	22B LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV635VLV	22B LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV636	22B HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV636OP	NORM HPSI HDR TO LOOP 22B CONT	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M
2MOV636VLV	22B HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV636VLV	22B HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV637	22B AUX HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV637OP	AUX HPSI HDR TO LOOP 22A CONT	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M
2MOV637VLV	22B HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV637VLV	22B HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV645	22A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV645OP	LPSI LOOP 22A CONTROL VLV	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M
2MOV645VLV	22A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV645VLV	22A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV646	22A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV646OP	NORM HPSI HDR TO LOOP 22B CONT	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M
2MOV646VLV	22A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV646VLV	22A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV647	22A AUX HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,PB,MOV,50.49,1M
2MOV647OP	AUX HPSI HDR TO LOOP 22B CONT	Electric Motor/Servo (MOV)	CAL-AB-321	1E,MOV,50.49,1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV647VLV	22A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV647VLV	22A HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1M,PB,MOV
2MOV651	SDC RETN ISOL	Electric Motor/Servo (MOV)	CAL-AB-321	1E,SBO,PB,MOV,50.49,1M
2MOV651OP	S/D CLG RETURN HDR ISOL VLV	Electric Motor/Servo (MOV)	CAL-AB-310	1E,SBO,MOV,50.49,1M
2MOV651VLV	SDC RETN ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,SBO,PB,MOV
2MOV651VLV	SDC RETN ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1M,SBO,PB,MOV
2MOV653	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-102	1E,PB,MOV,50.49,1M
2MOV653OP	HPSI HEADER CROSS CONNECT VLV	Electric Motor/Servo (MOV)	CAL-AB-102	1E,MOV,50.49,1M
2MOV653VLV	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV
2MOV653VLV	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV
2MOV654	HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-102	1E,PB,MOV,50.49,1M
2MOV654OP	HPSI HDR ISOLATION VALVE	Electric Motor/Servo (MOV)	CAL-AB-102	1E,MOV,50.49,1M
2MOV654VLV	HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV
2MOV654VLV	HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV655	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-101	1E,PB,MOV,50.49,1M
2MOV655OP	HPSI HDR CROSS-CONNECT VLV	Electric Motor/Servo (MOV)	CAL-AB-101	1E,MOV,50.49,1M
2MOV655OP	HPSI HDR CROSS-CONNECT VLV	Electric Motor/Servo (MOV)	CAL-AB-101	1E,MOV,50.49,1M
2MOV655VLV	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-101	1M,PB,MOV
2MOV655VLV	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-101	1M,PB,MOV
2MOV655VLV	HPSI HDR X-CONN	Electric Motor/Servo (MOV)	CAL-AB-101	1M,PB,MOV
2MOV656	AUX HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-101	1E,PB,MOV,50.49,1M
2MOV656OP	MANUAL HPSI HDR ISOLATION VLV	Electric Motor/Servo (MOV)	CAL-AB-101	1E,MOV,50.49,1M
2MOV656VLV	AUX HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-101	1M,PB,MOV
2MOV656VLV	AUX HPSI HDR ISOL	Electric Motor/Servo (MOV)	CAL-AB-101	1M,PB,MOV
2MOV658	LPSI SUPP TO SDC	Electric Motor/Servo (MOV)	CAL-AB-101	MOV,SRQ,PB
2MOV658OP	LPSI TO S/D HTEXR CONT VALVE	Electric Motor/Servo (MOV)	CAL-AB-101	MOV,SRQ
2MOV658VLV	LPSI SUPP TO SDC	Electric Motor/Servo (MOV)	CAL-AB-101	MOV,SRQ,PB
2MOV658VLV	LPSI SUPP TO SDC	Electric Motor/Servo (MOV)	CAL-AB-101	MOV,SRQ,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV659	MINI FLOW RETN TO RWT	Electric Motor/Servo (MOV)	CAL-AB-102	1E,PB,MOV,50.49,1M
2MOV659OP	CS&SI PMPs RECIRC CONTROL VLV	Electric Motor/Servo (MOV)	CAL-AB-102	1E,MOV,50.49,1M
2MOV659VLV	MINI FLOW RETN TO RWT	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV
2MOV660	MINI FLOW RETN TO RWT	Electric Motor/Servo (MOV)	CAL-AB-102	1E,PB,MOV,50.49,1M
2MOV660OP	S/D CLG TO HPSI PUMP 23 SUCT	Electric Motor/Servo (MOV)	CAL-AB-102	1E,MOV,50.49,1M
2MOV660VLV	CS & SI PUMPS RECIRC VALVE	Electric Motor/Servo (MOV)	CAL-AB-102	1M,PB,MOV
2MOV6901	H2 PURGE CONTMT ISOL (PEN	Electric Motor/Servo (MOV)	CAL-AB-310	1E,SBO,PB,MOV,50.49,1M
2MOV6901OP	CNTMT HYDROGEN PURGE ISO VALVE	Electric Motor/Servo (MOV)	CAL-AB-310	1E,SBO,MOV,50.49
2MOV6901VLV	H2 PURGE CONTMT ISOL (PEN RM SIDE) {LOCKED SHUT	Electric Motor/Servo (MOV)	CAL-AB-310	1M,SBO,PB,MOV
2MOV6903	H2 PURGE REPLACE AIR CONT	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2MOV6903OP	CNTMT H2 PURGE INLET ISO VALVE	Electric Motor/Servo (MOV)	CAL-AB-310	1E,MOV,50.49,1M
2MOV6903VLV	H2 PURGE REPLACE AIR CONTMT ISOL VLV {LOCKED SHUT	Electric Motor/Servo (MOV)	CAL-AB-310	1M,PB,MOV
2MOV4045	21 MSIV BYPASS VLV	Electric Motor/Servo (MOV)	CAL-AB-315	1M,SBO,PB,MOV
2MOV4045OP	MAIN STM ISOL VLV 21 BYPASS 460V, 0.33HP	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,MOV

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MOV4045VLV	21 MSIV BYP VLV	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,PB,MOV
2MOV4045VLV	21 MSIV BYP VLV	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,PB,MOV
2MOV4052	22 MSIV BYPASS VLV	Electric Motor/Servo (MOV)	CAL-AB-315	1M,SBO,PB,MOV
2MOV4052OP	MAIN STM ISOL VLV 22 BYPASS 460V, 0.33HP	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,MOV
2MOV4052VLV	22 MSIV BYP VLV	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,PB,MOV
2MOV4052VLV	22 MSIV BYP VLV	Electric Motor/Servo (MOV)	CAL-AB-309	1M,SBO,PB,MOV
2MOV6611VLV	DR-5 ISOL {OPEN	Electric Motor/Servo (MOV)	CAL - TURB	MOV,PB
2MOV6612VLV	DR-6 ISOL	Electric Motor/Servo (MOV)	CAL - TURB	MOV,PB
2MOV6613	DR-17 ISOL	Electric Motor/Servo (MOV)	CAL-AB-309	MOV,PB
2MOV6613VLV	DR-17 ISOL {OPEN	Electric Motor/Servo (MOV)	CAL-AB-310	MOV,PB
2MOV6615	DR-18 ISOL VALVE	Electric Motor/Servo (MOV)	CAL-AB-309	MOV,PB
2MOV6615VLV	MAIN STEAM LINE DRN 18 VALVE	Electric Motor/Servo (MOV)	CAL-AB-309	MOV,PB
2MOV6620VLV	DR-23 ISOL	Electric Motor/Servo (MOV)	CAL-AB-309	MOV,PB
2MOV6621VLV	DR-24 ISOL {OPEN	Electric Motor/Servo (MOV)	CAL-AB-309	MOV,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2UDCW4802	2A DG STANDBY JACKET COOL HTR	Electrical Heater or Heat Tracing Component	CAL-AB-422	1E,PB
2UDCW4810	DG 21 STANDBY JACKET COOL HTR	Electrical Heater or Heat Tracing Component	CAL-AB-416	1E,PB
2UDLO4779	2A DG LUBE OIL HEATER	Electrical Heater or Heat Tracing Component	CAL-AB-422	1E,PB
2UDLO4795	2B DG LUBE OIL HEATER	Electrical Heater or Heat Tracing Component	CAL-AB-416	1E,PB
2U0409	BORIC ACID TANK 21 HEATER B	Electrical Heater or Heat Tracing Component	CAL-AB-215	1E
2U0434	BORIC ACID TNK 22 HEATER B	Electrical Heater or Heat Tracing Component	CAL-AB-215	1E
2U1409	BORIC ACID TNK 21 HEATER A	Electrical Heater or Heat Tracing Component	CAL-AB-215	1E
2U1434	BORIC ACID TNK 22 HEATER A	Electrical Heater or Heat Tracing Component	CAL-AB-215	1E
2XJ2ASRW-1	2A AIR COOLING HX EXPANSION JOINT	Expansion Joint (Slip or Bellows)	CAL - TURB	PB
2XJ2ASRW-2	2A JACKET WTR COOLER EXPANSION JOINT	Expansion Joint (Slip or Bellows)	CAL-AB-422	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XJ2BSRW-1	2B AIR COOLING HX EXPANSION JOINT	Expansion Joint (Slip or Bellows)	CAL-AB-416	PB
2XJ2BSRW-2	2B JACKET WTR COOLER HX EXPANSION JOINT	Expansion Joint (Slip or Bellows)	CAL-AB-416	PB
2FANTRB4775A	2A DG TURBO CHARGER A	Fan	CAL-AB-422	1M,PB
2FANTRB4775B	2A DG TURBO CHARGER B	Fan	CAL-AB-422	1M,PB
2FANTRB4777A	2B DG TUROBCHARGER A	Fan	CAL-AB-416	1M,PB
2FANTRB4777B	2B DG TURBOCHARGER B	Fan	CAL-AB-416	1M,PB
2GDHVAC/A-228	21 SWGR HVAC DISCH GRAV DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2DAMP5426B	21 U RECIRC AIR DMPR	Damper, Manual, Fuse Link, Gravity, etc.	CAL-AB-526	1M,PB
2FAN0448B	ECCS PP RM CLR 22 FAN B	Fan	CAL-AB-102	1M
2FAN0448C	ECCS PP RM CLR 22 FAN C	Fan	CAL-AB-102	1M
2FAN1448A	ECCS PP RM CLR 21 FAN A	Fan	CAL-AB-101	1M
2FAN1448B	ECCS PP RM CLR 21 FAN B	Fan	CAL-AB-101	1M
2FAN1448C	ECCS PP RM CLR 21 FAN C	Fan	CAL-AB-101	1M
2FAN1448D	ECCS PP RM CLR 21 FAN D	Fan	CAL-AB-101	1M
2FAN5334	SRW HTEX RM EXH FAN 19B	Fan	CAL-AB-205	1M,PB
2FAN5428-1	21 SWGR HVAC CKT1 CNDSR FAN #1	Fan	CAL-AB-ARF	1M
2FAN5428-2	21 SWGR HVAC CKT1 CNDSR FAN #2	Fan	CAL-AB-ARF	1M
2FAN5428-3	21 SWGR HVAC CKT1 CNDSR FAN #3	Fan	CAL-AB-ARF	1M
2FAN5428-4	21 SWGR HVAC CKT2 CNDSR FAN #4	Fan	CAL-AB-ARF	1M
2FAN5428-5	21 SWGR HVAC CKT2 CNDSR FAN #5	Fan	CAL-AB-ARF	1M
2FAN5428-6	21 SWGR HVAC CKT2 CNDSR FAN #6	Fan	CAL-AB-ARF	1M
2FAN5428A1	22 SWGR HVAC CKT1 CNDSR FAN #1	Fan	CAL-AB-ARF	1M
2FAN5428A2	22 SWGR HVAC CKT1 CNDSR FAN #2	Fan	CAL-AB-ARF	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FAN5428A3	22 SWGR HVAC CKT1 CNDSR FAN #3	Fan	CAL-AB-ARF	1M
2FAN5428A4	22 SWGR HVAC CKT2 CNDSR FAN #4	Fan	CAL-AB-ARF	1M
2FAN5428A5	22 SWGR HVAC CKT2 CNDSR FAN #5	Fan	CAL-AB-ARF	1M
2FAN5428A6	22 SWGR HVAC CKT2 CNDSR FAN #6	Fan	CAL-AB-ARF	1M
2FANHVACAFWE21	21 AFW PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACAFWE21	21 AFW PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACAFWE22	22 AFW PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACAFWE22	22 AFW PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACECCSE2 1	21 ECCS PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACECCSE2 2	22 ECCS PUMP RM EXH	Fan	CAL-AB-204	1M,PB
2FANHVACSWGRS2 1	21 SWGR RM SPLY FAN	Fan	CAL-AB-526	1M,PB
2FANHVACSWGRS2 2	22 SWGR RM SPLY FAN	Fan	CAL-AB-526	1M,PB
2FANAL-ESFAS	AL LOGIC CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANBL-ESFAS	BL LOGIC CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANZD-ESFAS	ZD SENSOR CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANZE-ESFAS	ZE SENSOR CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANZF-ESFAS	ZF SENSOR CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANZG-ESFAS	ZG SENSOR CABINET BLOWER ASSY	Fan	CAL-AB-302	1E,1M
2FANHVACPENETE 21	21 PENET RM EXH FAN	Fan	CAL-AB-204	1M,PB
2FANHVACPENETE 22	22 PENET RM EXH FAN	Fan	CAL-AB-204	1M,PB
2BATT21	125V DC BATT 21	Dry or Wet Cell Battery	CAL-AB-305	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FANHVACEDGS2A	2A DG RM SPLY FAN	Fan	CAL-AB-422	1M,PB
2FANHVACEDGS2A	2A DG RM SPLY FAN	Fan	CAL-AB-422	1M,PB
2FANHVACEDGS2B	DIESEL RM 2B SUPPLY FAN	Fan	CAL-AB-416	1M,PB
2FANHVACEDGS2B	DIESEL RM 2B SUPPLY FAN	Fan	CAL-AB-416	1M,PB
2FLIA2058	AIR FILTER FOR 2PUMPIA2058 AIR AMPLIFIER	Filter	CAL-AB-205	PB
2FL600	U2 83' HORIZONTAL CABLE CHASE CHARCOAL FILTER #1	Filter	CAL-AB-517	PB
2FL601	U2 83' HORIZONTAL CABLE CHASE CHARCOAL FILTER #2	Filter	CAL-AB-517	PB
2MA412	23 SW PUMP MTR	Electric Motor	CAL-ISPR-INT2	1E
2GENEDG2A	2A DG GENERATOR	Generator	CAL-AB-422	1E
2GENEDG2A	2A DG GENERATOR	Generator	CAL-AB-422	1E
2GENEDG2B	DG 2B GENERATOR	Generator	CAL-AB-416	1E
2GENEDG2B	DG 2B GENERATOR	Generator	CAL-AB-416	1E
2HXSRW21B	21B SERVICE WATER PHE	Heat Exchanger	CAL-AB-205	1M,PB
2HXSRW22A	22A SERVICE WATER PHE	Heat Exchanger	CAL-AB-205	1M,PB
2HXSRW22B	22B SERVICE WATER PHE	Heat Exchanger	CAL-AB-205	1M,PB
2HXCC22	COMPONENT COOLING HEAT EXCH 22	Heat Exchanger	CAL-AB-201	1M,PB
2HX4772-1	2A DG INTERCOOLER 1	Heat Exchanger	CAL-AB-422	1M,PB
2HX4772-2	2A DG INTERCOOLER 2	Heat Exchanger	CAL-AB-422	1M,PB
2HX4774-1	2B DG INTERCOOLER 1	Heat Exchanger	CAL-AB-416	1M,PB
2HX4774-2	2B DG INGERCOOLER 2	Heat Exchanger	CAL-AB-416	1M,PB
2HX4775	2A DG AIR COOLER	Heat Exchanger	CAL-AB-422	1M,PB
2HX4777	2B DG AIR COOLER	Heat Exchanger	CAL-AB-416	1M,PB
2HX4778	2A DG LUBE OIL COOLER	Heat Exchanger	CAL-AB-422	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HX4794	2B DG LUBE OIL COOLER	Heat Exchanger	CAL-AB-416	1M,PB
2HX4802	2A DG JACKET WATER COOLER	Heat Exchanger	CAL-AB-422	1M,PB
2HX4810	2B DG JACKET WATER COOLER	Heat Exchanger	CAL-AB-416	1M,PB
2HXDSAA/CLR2A	2A DG AS COMPR AFT CLR	Heat Exchanger	CAL-AB-422	PB
2HXDSAA/CLR2B	2B DG DSA AFT CLR	Heat Exchanger	CAL-AB-416	PB
2HXHVACECCS21	ECCS PUMP ROOM AIR COOLER 21	Heat Exchanger	CAL-AB-101	1M,PB
2HXHVACECCS22	ECCS PUMP ROOM AIR COOLER 22	Heat Exchanger	CAL-AB-102	1M,PB
2HXHVACSWGR21	SWGR ROOM H&V UNIT HX 21	Heat Exchanger	CAL-AB-526	1M,PB
2HXHVACSWGR22	SWGR H&V UNIT HX 22	Heat Exchanger	CAL-AB-526	1M,PB
2HXHVACSWGRCC 21A	21 SWGR HVAC CKT1 CNDSR COIL	Heat Exchanger	CAL-AB-ARF	PB
2HXHVACSWGRCC 21B	21 SWGR HVAC CKT2 CNDSR COIL	Heat Exchanger	CAL-AB-ARF	PB
2HXHVACSWGRCC 22A	22 SWGR HVAC CKT1 CNDSR COIL	Heat Exchanger	CAL-AB-ARF	PB
2HXHVACSWGRCC 22B	22 SWGR HVAC CKT2 CNDSR COIL	Heat Exchanger	CAL-AB-ARF	PB
2HXHVACSWGRCU 22	22 SWGR HVAC CNDSR UNIT	Heat Exchanger	CAL-AB-ARF	1M
2HXCVCCL/DNR21	LETDOWN HEAT EXCHANGER 21	Heat Exchanger	CAL-AB-322	PB
2HX109	MECHANICAL SEAL COOLER 21	Heat Exchanger	CAL-AB-101	PB
2HXSIRWT21	REFUELING WATER HEAT EXCH 21	Heat Exchanger	CAL-AB-440	PB
2MOV509	21 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1E,PB,MOV,1M
2EI221	21 BUS 125VDC CR VOLTMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO
2EI221	21 BUS 125VDC CR VOLTMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO
2EI222	22 BUS 125VDC CR VOLTMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2EI222	22 BUS 125VDC CR VOLTMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO
2EI2D05/BVM	BATT CHRG 21 DC VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI2D05/BVM1	BATT CHARGER 21 AC VOLT	Indicators, recorders	CAL-AB-302	1E
2EI2D06/BVM	BATTERY CHARGER 22 DC VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI2D06/BVM1	BATTERY CHARGER 22 AC VOLT	Indicators, recorders	CAL-AB-302	1E
2EI2D07/BVM	BATT CHRG 23 DC VOLTMETER	Indicators, recorders	CAL-AB-306	1E,SBO
2EI2D07/BVM1	BATT CHARGER 21 AC VMTR	Indicators, recorders	CAL-AB-306	1E
2EI2D08/BVM	BATT CHRG 24 DC VOLTMETER	Indicators, recorders	CAL-AB-306	1E,SBO
2EI2D08/BVM1	BATT CHARGER 24 AC VMTR	Indicators, recorders	CAL-AB-306	1E
2EI2D100/VM1	125VDC BUS 21 LOCAL VOLTMETER	Indicators, recorders	CAL-AB-302	1E,SBO
2EI2D100/VM1	125VDC BUS 21 LOCAL VOLTMETER	Indicators, recorders	CAL-AB-302	1E,SBO
2EI2D200/VM1	125VDC BUS 22 LOCAL VOLTMETER	Indicators, recorders	CAL-AB-302	1E,SBO
2EI2D200/VM1	125VDC BUS 22 LOCAL VOLTMETER	Indicators, recorders	CAL-AB-302	1E,SBO
2II204	22 BATTERY 125VDC CR AMMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO
2II205	21 BATTERY 125VDC CR AMMETER	Indicators, recorders	CAL-AB-405	PAM2,SBO
2II213	13 BATTERY CHRG CR DC AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II214	14 BATTERY CHRG CR DC AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II221	21 BATTERY CHRG CR DC AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II222	22 BATTERY CHRG CR DC AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II2D100/AM1	21 BATT 125VDC LOCAL AMMETER	Indicators, recorders	CAL-AB-302	1E
2II2D200/AM1	22 BATT 125VDC LOCAL AMMETER	Indicators, recorders	CAL-AB-302	1E
2EI421	21 BUS 4KV VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI424	24 BUS 4KV VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2101AA	21 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2101AB	21 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2101AC	21 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2II2113AA	SWYD SERV XFMR 4KV FDR AMP MTR	Indicators, recorders	CAL-AB-405	1E
2II2113AB	SWYD SERV XFMR 4KV FDR AMP MTR	Indicators, recorders	CAL-AB-405	1E
2II2113AC	SWYD SERV XFMR 4KV FDR AMP MTR	Indicators, recorders	CAL-AB-405	1E
2II2115A	21 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2115B	21 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2115C	21 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2401A	24 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2401B	24 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2401C	24 BUS 4KV FD U4000-22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2414A	24 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2414B	24 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2414C	24 BUS 4KV FD U4000-12 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI521A	21A BUS 480V VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI521B	21B BUS 480V VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI524A	24A BUS 480V VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI524B	24B BUS 480V VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2112A	21A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2112B	21A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2112C	21A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2113A	21B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2113B	21B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2113C	21B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2412A	24A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2412B	24A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2412C	24A BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2413A	24B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2II2413B	24B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2413C	24B BUS 480V FEED AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2FI1581	CNTMT CLR 21 SERV WTR INLT FLO	Indicators, recorders	CAL-AB-405	PAM2
2FI1584	CNTMT CLR 22 SERV WTR INLT FLO	Indicators, recorders	CAL-AB-405	PAM2
2FI1589	CNTMT CLR 23 SERV WTR INLT FLO	Indicators, recorders	CAL-AB-405	PAM2
2FI1592	CNTMT CLR 24 SERV WTR INLT FLO	Indicators, recorders	CAL-AB-405	PAM2
2II1570	SERV WTR PP 21 AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II1571	22 SERV WTR PP AMP MT	Indicators, recorders	CAL-AB-405	PAM2
2II1572A	23 SERV WTR PP BUS 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II1572B	23 SERV WTR PP BUS 24 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2LG1565	SERV WTR HEAD TNK 22 LEVEL	Indicators, recorders	CAL-AB-526	PB
2LG1566	SERV WTR HEAD TNK 22 LEVEL	Indicators, recorders	CAL-AB-526	PB
2LG1579	SERV WTR HEAD TNK 21 LEVEL	Indicators, recorders	CAL-AB-526	PB
2LG1580	SERV WTR HEAD TNK 21 LEVEL	Indicators, recorders	CAL-AB-526	PB
2PI1570	SERVICE WTR PMP 21 DISCH PRESS	Indicators, recorders	CAL-AB-205	PB
2PI1571	SERVICE WTR PMP 22 DISCH PRESS	Indicators, recorders	CAL-AB-205	PB
2PI1572	SERVICE WTR PMP 23 DISCH PRESS	Indicators, recorders	CAL-AB-205	PB
2PI1573	SERVICE WATER HEADER 21 PRESS	Indicators, recorders	CAL-AB-405	PAM2
2PI1574	SERVICE WATER HEADER 22 PRESS	Indicators, recorders	CAL-AB-405	PAM2
2PI1581	CNTMT CLR 21 INLT PRESSURE IND	Indicators, recorders	CAL-AB-310	PB
2PI1584	CNTMT CLR 22 SERV WTR INLT	Indicators, recorders	CAL-AB-211	PB
2PI1589	CNTMT CLR 23 SERV WTR INLT	Indicators, recorders	CAL-AB-310	PB
2PI1592	CNTMT CLR 24 SERV WTR INLT	Indicators, recorders	CAL-AB-211	PB
2PI4084	BLOWDN HTEX 22 SERV WTR OUT	Indicators, recorders	CAL-AB-206	PB
2TI1573	SERVICE WATER HEADER 21 TEMP. INDICATOR	Indicators, recorders	CAL-AB-205	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TI1574	22 SRW HX INLET TEMP. INDICATOR	Indicators, recorders	CAL-AB-205	PB
2TI1575	SERV WTR HTEX 21 DISCH TEMP	Indicators, recorders	CAL-AB-205	PB
2TI1576	21B SRW HX SRW OUTLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI1577	SERV WTR HTEX 22 DISCH TEMP	Indicators, recorders	CAL-AB-205	PB
2TI1578	22B SRW HX SRW OUTLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI1582	CNTMT CLR 21 SERV WTR OUT TEMP	Indicators, recorders	CAL-AB-310	PB
2TI1585	CNTMT CLR 22 SERV WTR OUT TEMP	Indicators, recorders	CAL-AB-321	PB
2TI1590	CNTMT CLR 23 SERV WTR OUT TEMP	Indicators, recorders	CAL-AB-310	PB
2TI1593	CNTMT CLR 24 SERV WTR OUT TEMP	Indicators, recorders	CAL-AB-321	PB
2TI4084	SERV WTR TO BLOWDOWN HTEX 22	Indicators, recorders	CAL-AB-206	PB
2TIA1576	SERV WTR HTEX 21 DISCH TEMP	Indicators, recorders	CAL-AB-405	PAM2
2TIA1578	SERV WTR HTEX 22 DISCH TEMP	Indicators, recorders	CAL-AB-405	PAM2
2II5199	21 SALT WTR PP AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II5200	22 SALT WTR PP AMP MT	Indicators, recorders	CAL-AB-405	PAM2
2II5201A	23 SALT WTR PP BUS 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II5201B	23 SALT WTR PP BUS 24 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2PDI5209B	21A SRW HX SW D/P IND	Indicators, recorders	CAL-AB-205	PB
2PDI5210B	21B SRW HX SW D/P IND	Indicators, recorders	CAL-AB-205	PB
2PDI5211B	22A SRW HX SW D/P IND	Indicators, recorders	CAL-AB-205	PB
2PDI5212	SRW HX 22 SW DP INDIC	Indicators, recorders	CAL-AB-205	PB
2PDI5212B	22B SRW HX SW D/P IND	Indicators, recorders	CAL-AB-205	PB
2PI2019	INST AIR ACCUM 5170 PRESSURE	Indicators, recorders	CAL-AB-201	PB
2PI2020	INSTR AIR ACCUM PRESS	Indicators, recorders	CAL-AB-201	PB
2PI2021	INSTR AIR ACCUM PRESS	Indicators, recorders	CAL-AB-201	PB
2PI2022	INSTR AIR ACCUM PRESS	Indicators, recorders	CAL-AB-201	PB
2PI2023	INSTR AIR ACCUM PRESS	Indicators, recorders	CAL-AB-201	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PI2024	INSTR AIR ACCUM PRESS	Indicators, recorders	CAL-AB-201	PB
2PI5199	SALT WATER PUMP 21 DISCHARGE	Indicators, recorders	CAL - ISPR	PB
2PI5200	SALT WATER PUMP 22 DISCHARGE	Indicators, recorders	CAL - ISPR	PB
2PI5201	SALT WATER PUMP 23 DISCHARGE	Indicators, recorders	CAL - ISPR	PB
2PI5203	22 SALT WTR SUBSYS PRESS	Indicators, recorders	CAL-AB-405	PAM2
2PI5204	21 SALT WTR SUB SYS PRESS	Indicators, recorders	CAL-AB-405	PAM2
2PI5205	SALT WTR TO COMPNT CLG HTEX 21	Indicators, recorders	CAL-AB-201	PB
2PI5206	SALT WTR FROM COMP CLG HTEX 21	Indicators, recorders	CAL-AB-201	PB
2PI5207	SALT WTR TO COMPNT CLG HTEX 22	Indicators, recorders	CAL-AB-201	PB
2PI5208	SALT WTR FROM COMP CLG HTEX 22	Indicators, recorders	CAL-AB-201	PB
2PI5209	21A SRW HX SW PRESS IND	Indicators, recorders	CAL-AB-205	PB
2PI5210	21B SRW HX SW IN PI	Indicators, recorders	CAL-AB-205	PB
2PI5211	22A SRW HX SW IN PI	Indicators, recorders	CAL-AB-205	PB
2PI5212	22B SRW HX SW IN PI	Indicators, recorders	CAL-AB-205	PB
2TI5205	SALT WTR TO COMPNT CLG HTEX 21	Indicators, recorders	CAL-AB-201	PB
2TI5206	SALT WTR FROM COMP CLG HTEX 21	Indicators, recorders	CAL-AB-201	PB
2TI5207	SALT WTR TO COMPNT CLG HTEX 22	Indicators, recorders	CAL-AB-201	PB
2TI5208	SALT WTR FROM COMP CLG HTEX 22	Indicators, recorders	CAL-AB-201	PB
2TI5209A	21A/21B SRW HX SW INLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI5209B	21A SRW HX SW OUTLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI5210	21B SRW HX SW OUT TI	Indicators, recorders	CAL-AB-205	PB
2TI5211A	22A/22B SRW HX SW INLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI5211B	22A SRW HX SW OUTLET TEMP IND	Indicators, recorders	CAL-AB-205	PB
2TI5212	22B SRW HX SW OUT TI	Indicators, recorders	CAL-AB-205	PB
2TI5258	SALT WTR IN ECCS PMP RM CLR 21	Indicators, recorders	CAL-AB-101	PB
2TI5259	SALT WTR OUTECCS PMP RM CLR 21	Indicators, recorders	CAL-AB-101	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TI5260	SALT WTR IN ECCS PMP RM CLR 22	Indicators, recorders	CAL-AB-102	PB
2TI5261	SALT WTR OUT ECCS PP RM CLR 22	Indicators, recorders	CAL-AB-102	PB
2II3813	21 COMP CLG PP AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II3815	COMP CLG PP 22 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II3817A	23 COMP CLG PP BUS 24 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II3817B	23 COMP CLG PP BUS 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2LG3820	COMPONET COOLING HEAD TANK LVL	Indicators, recorders	CAL-AB-527	PB
2PI3814	COMP CLG NORM HDR PRESS	Indicators, recorders	CAL-AB-405	PAM2
2PI3816	COMP CLG STANDBY HDR PRESS	Indicators, recorders	CAL-AB-405	PAM2
2TI3823	COMP CLG HTEX 21 INLET TEMP	Indicators, recorders	CAL-AB-201	PB
2TI3825	COMP CLG HTEX 22 INLET TEMP	Indicators, recorders	CAL-AB-201	PB
2TI3840	COMP CLG OUTLT LETDWN HTEX 21	Indicators, recorders	CAL-AB-322	PB
2TIA3824	COMP CLG OUT COMP CLG HTEX 21	Indicators, recorders	CAL-AB-405	PAM2
2TIA3826	22 COMP CLG HTEX OUT	Indicators, recorders	CAL-AB-405	PAM2
2EI1921	21 VITAL AC PANEL VOLT MTR	Indicators, recorders	CAL-AB-405	1E,SBO,PAM2
2EI1921A	21 INVERTER #1 AC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1921D	21 INVERTER DC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1921E	21 INVERTER #2 AC VOLTS	Indicators, recorders	CAL-AB-302	1E,SBO
2EI1922	22 VITAL AC PANEL VOLT MTR	Indicators, recorders	CAL-AB-405	1E,SBO,PAM2
2EI1922A	22 INVERTER #1 AC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1922D	22 INVERTER DC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1922E	22 INVERTER #2 AC VOLTS	Indicators, recorders	CAL-AB-302	1E,SBO
2EI1923	23 VITAL AC PANEL VOLT MTR	Indicators, recorders	CAL-AB-405	1E,SBO,PAM2
2EI1923A	23 INVERTER #1 AC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1923D	23 INVERTER DC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1923E	23 INVERTER #2 AC VOLTS	Indicators, recorders	CAL-AB-302	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2EI1924	24 VITAL AC PANEL VOLT MTR	Indicators, recorders	CAL-AB-405	1E,SBO,PAM2
2EI1924A	24 INVERTER #1 AC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1924D	24 INVERTER DC VOLTS	Indicators, recorders	CAL-AB-302	1E
2EI1924E	24 INVERTER #2 AC VOLTS	Indicators, recorders	CAL-AB-302	1E,SBO
2II1921	21 INVERTER #1 AC AMPS	Indicators, recorders	CAL-AB-302	1E
2II1921A	21 INVERTER #2 AC AMPS	Indicators, recorders	CAL-AB-302	1E,SBO
2II1922	22 INVERTER #1 AC AMPS	Indicators, recorders	CAL-AB-302	1E
2II1922A	22 INVERTER #2 AC AMPS	Indicators, recorders	CAL-AB-302	1E,SBO
2II1923	23 INVERTER #1 AC AMPS	Indicators, recorders	CAL-AB-302	1E
2II1923A	23 INVERTER #2 AC AMPS	Indicators, recorders	CAL-AB-302	1E,SBO
2II1924	24 INVERTER #1 AC AMPS	Indicators, recorders	CAL-AB-306	1E
2II1924A	24 INVERTER #2 AC AMPS	Indicators, recorders	CAL-AB-302	1E,SBO
2SI1921	21 INVERTER #1 FREQUENCY METER	Indicators, recorders	CAL-AB-306	1E
2SI1921A	21 INVERTER #2 FREQUENCY METER	Indicators, recorders	CAL-AB-306	1E,SBO
2SI1922	22 INVERTER #1 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E
2SI1922A	22 INVERTER #2 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E,SBO
2SI1923	23 INVERTER #1 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E
2SI1923A	23 INVERTER #2 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E,SBO
2SI1924	24 INVERTER #1 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E
2SI1924A	24 INVERTER #2 FREQUENCY METER	Indicators, recorders	CAL-AB-302	1E,SBO
2PI2003	CONTMT AIR RECVR	Indicators, recorders	CAL-AB-227	PB
2PI4070	21 S/G AFW 2ACC4070 PI	Indicators, recorders	CAL-AB-205	PB
2PI4071	22 S/G AFW 2ACC4071 PI	Indicators, recorders	CAL-AB-205	PB
2PI4518	AFW AIR ACCUMULATOR 21A	Indicators, recorders	CAL-AB-205	PB
2PI4519	AFW AIR ACCUMULATOR 21B	Indicators, recorders	CAL-AB-205	PB
2PI5252	SALT WTR AIR COMP #21 ACCUM	Indicators, recorders	CAL-AB-205	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PI5253	SALT WTR AIR COMP #22 ACCUM	Indicators, recorders	CAL-AB-205	PB
2EI2122	2A DG VOLT MTR	Indicators, recorders	CAL-AB-405	PAM2
2EI2422	2B DG BOLT MTR	Indicators, recorders	CAL-AB-405	1E,SBO
2EI2AD	2A DG VOLTAGE - LOCAL	Indicators, recorders	CAL-AB-422	1E
2EI2BD	2B EDG GEN EI - VOLT LOCAL	Indicators, recorders	CAL-AB-416	1E
2FG190X	EDG 2A JCW HEADER VENT FLOW IND	Indicators, recorders	CAL-AB-422	PB
2FG190Y	EDG 2A CLNT SUP HDR VENT FLO IN	Indicators, recorders	CAL-AB-422	PB
2FG192X	EDG 2B JCW HDR VENT FLOW IND	Indicators, recorders	CAL-AB-416	PB
2FG192Y	EDG 2B AIR CLNT SUPPLY HDR VT FLOW IND	Indicators, recorders	CAL-AB-416	PB
2II2104A	2A DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2104B	2A DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2104C	2A DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2403A	2B DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2403B	2B DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2403C	2B DG AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II2A/VREG	2A EDG EXC REG CNTRL AMPS	Indicators, recorders	CAL-AB-422	1E
2II2B/VREG	2B EDG EXC REG CNTRL AMPS	Indicators, recorders	CAL-AB-416	1E
2JI2104A	2A DG VAR MTR	Indicators, recorders	CAL-AB-405	PAM2
2JI2104B	2A DG WATT MTR	Indicators, recorders	CAL-AB-405	PAM2
2JI2403A	2B DG VAR MTR	Indicators, recorders	CAL-AB-405	PAM2
2JI2403B	2B DG WATT MTR	Indicators, recorders	CAL-AB-405	PAM2
2JI2AD/PF	2A EDG GEN JI - POWER FACTOR	Indicators, recorders	CAL-AB-422	1E
2LI4817	FUEL OIL DAY TANK 2A LEVEL IND	Indicators, recorders	CAL-AB-422	PB
2LI4828	2B DG FUEL OIL DAY TK LEVEL IND	Indicators, recorders	CAL-AB-416	PB
2PDI4778	2A DG LUBE OIL FILTER	Indicators, recorders	CAL-AB-422	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PDI4779	2A DG LUBE OIL CLR DISCH STRNR	Indicators, recorders	CAL-AB-422	PB
2PDI4794	2B DG LUBE OIL FILTER	Indicators, recorders	CAL-AB-416	PB
2PDI4795	2B DG LUBE OIL CLR DISCHARGE STRNR	Indicators, recorders	CAL-AB-416	PB
2PDI4818	2A DG FUEL OIL STRAINER	Indicators, recorders	CAL-AB-422	PB
2PDI4828	2B DG FUEL OIL STRAINER	Indicators, recorders	CAL-AB-416	PB
2PI4772	2A DG I/CLR SCAV AIR PRESSURE	Indicators, recorders	CAL-AB-422	PB
2PI4774	2B DG I/CLR SCAVENGING AIR PRESSURE INDICATOR	Indicators, recorders	CAL-AB-416	PB
2PI4775	DIESEL AIR CLR 2A INLET PRESSURE	Indicators, recorders	CAL-AB-422	PB
2PI4777	2B DG AIR CLR INLET PRESS	Indicators, recorders	CAL-AB-416	PB
2PI4780	2A DG LUBE OIL PRESSURE	Indicators, recorders	CAL-AB-422	PB
2PI4796	2B DG LUBE OIL PRESS	Indicators, recorders	CAL-AB-416	PB
2PI4802	2A DG JACKET WATER COOLER DISCHARGE	Indicators, recorders	CAL-AB-422	PB
2PI4810	2B DG JACKET WTR CLR DISCHAREGE	Indicators, recorders	CAL-AB-416	PB
2PI4820	AIR BAR PRESSURE INDICATOR	Indicators, recorders	CAL-AB-422	PB
2PI4822	AIR BAR PRESSURE INDICATOR	Indicators, recorders	CAL-AB-416	PB
2PI4830	2A DG WEST AIR COMP RESVOR	Indicators, recorders	CAL-AB-422	PB
2PI4831	2A DG EAST AIR COMP RESVOR	Indicators, recorders	CAL-AB-422	PB
2PI4838	2B DG WEST AIR COMP RESV	Indicators, recorders	CAL-AB-416	PB
2PI4839	2B DG EAST AIR COMP RESVOR	Indicators, recorders	CAL-AB-416	PB
2PI4841	2A DG STARTING AIR	Indicators, recorders	CAL-AB-422	PB
2PI4842	2A DG STARTING AIR	Indicators, recorders	CAL-AB-422	PB
2PI4845	2B DG STARTING AIR	Indicators, recorders	CAL-AB-416	PB
2PI4846	2B DG STARTING AIR	Indicators, recorders	CAL-AB-416	PB
2SI2101	2A DG FREQ MTR	Indicators, recorders	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SI2AD	2A EDG GEN SI FREQUENCY LOCAL	Indicators, recorders	CAL-AB-422	1E
2SI2BD	2B EDG GEN SI - FREQUENCY LOCAL	Indicators, recorders	CAL-AB-416	1E
2SI2BD/SYNC	2B DG 4KV SYNCHRONIZING	Indicators, recorders	CAL-AB-416	1E
2TI4775	DIESEL AIR CLR 2A INTLET TEMP	Indicators, recorders	CAL-AB-422	PB
2TI4777	2B DG AIR CLR INLET TEMP	Indicators, recorders	CAL-AB-416	PB
2TI4778	2A DG LUBE OIL CLR INLET	Indicators, recorders	CAL-AB-422	PB
2TI4779	2A DG L O CLR DISCH TEMP	Indicators, recorders	CAL-AB-422	PB
2TI4794	2B DG LUBE OIL CLR INLET	Indicators, recorders	CAL-AB-416	PB
2TI4795	2B DG LO CLR DISCH TEMP	Indicators, recorders	CAL-AB-416	PB
2TI4802	2A DG JACKET WTR CLR INLT	Indicators, recorders	CAL-AB-422	PB
2TI4803	2A DG JACKET COOLING HDR	Indicators, recorders	CAL-AB-422	PB
2TI4810	2B DG JACKET WTR CLR INLET	Indicators, recorders	CAL-AB-416	PB
2TI4811	2B DG JACKET COOLING HDR	Indicators, recorders	CAL-AB-416	PB
2TIA4144	BATTERY ROOM TEMPERATURE INDICATING ALARM	Indicators, recorders	CAL-AB-307	SRQ
2TIA4145	BATTERY ROOM TEMPERATURE INDICATING ALARM	Indicators, recorders	CAL-AB-305	SRQ
2FI5426-1	21 SWGR HVAC CKT1 SIGHT GLASS	Indicators, recorders	CAL-AB-526	PB
2FI5426-2	21 SWGR HVAC CKT2 SIGHT GLASS	Indicators, recorders	CAL-AB-526	PB
2FI5426A1	22 SWGR HVAC CKT1 SIGHT GLASS	Indicators, recorders	CAL-AB-526	PB
2FI5426A2	22 SWGR HVAC CKT2 SIGHT GLASS	Indicators, recorders	CAL-AB-526	PB
2PDI5426	SWGR HVAC 21 FILTER	Indicators, recorders	CAL-AB-526	PB
2PDI5427	SWGR HVAC 22 FILTER	Indicators, recorders	CAL-AB-526	PB
2PI5426-1	21 SWGR HVAC CKT1 LIQUID LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426-2	21 SWGR HVAC CKT2 LIQUID LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PI5426-3	21 SWGR HVAC CKT1 SUCTION LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426-4	21 SWGR HVAC CKT2 SUCTION LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426A1	22 SWGR HVAC CKT1 LIQUID LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426A2	22 SWGR HVAC CKT2 LIQUID LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426A3	22 SWGR HVAC CKT1 SUCTION LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2PI5426A4	22 SWGR HVAC CKT2 SUCTION LINE PRESS IND	Indicators, recorders	CAL-AB-526	PB
2II224X	21 CHARG PP AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II224Y	22 CHARG PP AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II224Z1	23 CHRG PP BUS 24A AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2II224Z2	23 CHARG PP BUS 21A AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2PDI209	BORIC ACID STRAINER DIFF PRESS	Indicators, recorders	CAL-AB-215	PB
2PI206	BORIC ACID PUMP 21 DISCHARGE	Indicators, recorders	CAL-AB-215	PB
2PI208	BORIC ACID PUMP 22 DISCHARGE	Indicators, recorders	CAL-AB-215	PB
2PI214X	CHARGING PUMP 21 DISCHARGE	Indicators, recorders	CAL-AB-103	PB
2PI214Y	CHARGING PUMP 22 DISCHARGE	Indicators, recorders	CAL-AB-103	PB
2PI214Z	CHARGING PUMP 23 DISCHARGE	Indicators, recorders	CAL-AB-103	PB
2PI224X	CHARGING PUMP 21 SUCTION PRESS	Indicators, recorders	CAL-AB-103	PB
2PI224Y	CHARGING PUMP 22 SUCTION PRESS	Indicators, recorders	CAL-AB-103	PB
2PI224Z	CHARGING PUMP 23 SUCTION PRESS	Indicators, recorders	CAL-AB-103	PB
2EI5301A	CABINET AL 15VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI5301B	CABINET AL 15VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2EI5301C	CABINET AL 28VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI5302A	CABINET BL 15VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI5302B	CABINET BL 15VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2EI5302C	CABINET BL 28VDC PS VOLTMETER	Indicators, recorders	CAL-AB-302	1E
2FI311	HPSI FLOW TO LOOP 21B IND	Indicators, recorders	CAL-AB-405	PAM2
2FI312	LPSI FLOW TO LOOP 21B IND	Indicators, recorders	CAL-AB-405	PAM2
2FI321	HPSI FLOW TO LOOP 21A IND	Indicators, recorders	CAL-AB-405	PAM2
2FI322	LPSI FLOW TO LOOP 21A IND	Indicators, recorders	CAL-AB-405	PAM2
2FI331	HPSI FLOW TO LOOP 22B	Indicators, recorders	CAL-AB-405	PAM2
2FI332	LPSI FLOW TO LOOP 22B	Indicators, recorders	CAL-AB-405	PAM2
2FI341	HPSI FLOW TO LOOP 22A	Indicators, recorders	CAL-AB-405	PAM2
2FI342	LPSI FLOW TO LOOP 22A	Indicators, recorders	CAL-AB-405	PAM2
2FI351	HPSI TOTAL FLOW	Indicators, recorders	CAL-AB-405	PAM2
2FI500	SHUTDOWN COOLING FLOW TO CVCS	Indicators, recorders	CAL-AB-322	PB
2II301X	HPSI PP 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II301Y	HPSI 22 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II301Z1	HPSI PMP 23 BUS 24 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II301Z2	HPSI PMP 23 BUS 21 AMP MTR	Indicators, recorders	CAL-AB-405	PAM2
2II302X	LPSI PP 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II302Y	LPSI PMP 22 AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2LI4146	CNTMNT WTR LEVEL IND	Indicators, recorders	CAL-AB-405	PAM1
2LI4146	CNTMNT WTR LEVEL IND	Indicators, recorders	CAL-AB-405	PAM1
2LI4147	CNTMNT WTR LEVEL IND	Indicators, recorders	CAL-AB-405	PAM1
2LI4147	CNTMNT WTR LEVEL IND	Indicators, recorders	CAL-AB-405	PAM1
2LIA4143	REFUELING WTR TK 21 LVL IND	Indicators, recorders	CAL-AB-405	PAM2
2PI4164	REFUEL WTR TANK RECIRC PMP	Indicators, recorders	CAL-AB-440	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TI302X	21 LPSI SEAL CLG WATER TEMP	Indicators, recorders	CAL-AB-101	PB
2TI302Y	22 LPSI LPSI SEAL CLG WATER TEMP	Indicators, recorders	CAL-AB-102	PB
2TI4164	REFUELING WATER TANK 21 TEMP	Indicators, recorders	CAL-AB-440	PB
2TR351	SHUTDOWN COOLING TEMP RECORDER	Indicators, recorders	CAL-AB-405	PAM2
2EI001	RPSCIP DIGITAL PNL IND CH. A	Indicators, recorders	CAL-AB-405	1E
2EI002	RPSCIP DIGITAL PNL IND CH. B	Indicators, recorders	CAL-AB-405	1E
2EI003	RPSCIP DIGITAL PNL IND CH. C	Indicators, recorders	CAL-AB-405	1E
2EI004	RPSCIP DIGITAL PNL IND CH. D	Indicators, recorders	CAL-AB-405	1E
2JI027	DELTA THERMAL PWR CHANNEL A	Indicators, recorders	CAL-AB-405	1E
2JI028	DELTA THERMAL PWR CHANNEL B	Indicators, recorders	CAL-AB-405	1E
2JI029	DELTA THERMAL PWR CHANNEL C	Indicators, recorders	CAL-AB-405	1E
2JI030	DELTA THERMAL PWR CHANNEL D	Indicators, recorders	CAL-AB-405	1E
2PDI101A	CH A TOTAL CORE COOLING FLOW	Indicators, recorders	CAL-AB-405	1E
2PDI101B	CH B TOTAL CORE COOLING FLOW	Indicators, recorders	CAL-AB-405	1E
2PDI101C	CH C TOTAL CORE COOLING FLOW	Indicators, recorders	CAL-AB-405	1E
2PDI101D	CH D TOTAL CORE COOLING FLOW	Indicators, recorders	CAL-AB-405	1E
2PI1013A	STEAM GENERATOR 21 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1013AA	STM GEN 21 PRESS PROTECTIVE	Indicators, recorders	CAL-AB-407	1E,PAM1
2PI1013B	STEAM GENERATOR 21 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1013BB	STM GEN 21 PRESS PROTECTIVE	Indicators, recorders	CAL-AB-407	1E,PAM1
2PI1013C	STEAM GENERATOR 21 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1013D	STEAM GENERATOR 21 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1023A	STEAM GENERATOR 22 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1023AA	STM GEN 22 PRESS PROTECTIVE	Indicators, recorders	CAL-AB-407	1E,PAM1
2PI1023B	STEAM GENERATOR 22 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1023BB	STM GEN 22 PRESS PROTECTIVE	Indicators, recorders	CAL-AB-407	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PI1023C	STEAM GENERATOR 22 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI1023D	STEAM GENERATOR 22 PRESSURE	Indicators, recorders	CAL-AB-405	1E,SBO,PAM1
2PI102A	CH A PRZR PRESSURE IND	Indicators, recorders	CAL-AB-405	1E
2PI102B	CH B PRZR PRESSURE IND	Indicators, recorders	CAL-AB-405	1E
2PI102C	CH C PRZR PRESSURE IND	Indicators, recorders	CAL-AB-405	1E
2PI102D	CH D PRZR PRESSURE IND	Indicators, recorders	CAL-AB-405	1E
2TI112CA	LOOP 21A COLD LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI112CB	LOOP 21B COLD LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI112HA	LOOP 21 HOT LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI112HB	LOOP 21 HOT LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI122CA	LOOP 22A COLD LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI122CB	LOOP 22B COLD LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI122HA	LOOP 22 HOT LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2TI122HB	LOOP 22 HOT LEG TEMP	Indicators, recorders	CAL-AB-407	1E,PAM1
2II5299	CNTMT CLG FAN 21 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II5300	CNTMT CLG FAN 22 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II5301	CNTMT CLG FAN 23 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2II5302	CNTMT CLG FAN 24 AMMETER	Indicators, recorders	CAL-AB-405	PAM2
2PI5307	CNTMT PRESS WIDE RANGE IND	Indicators, recorders	CAL-AB-405	PAM1
2PI5307	CNTMT PRESS WIDE RANGE IND	Indicators, recorders	CAL-AB-405	PAM1
2PI5308	CONTAINMENT DOME PRESSURE	Indicators, recorders	CAL-AB-405	PAM1
2PI5308	CONTAINMENT DOME PRESSURE	Indicators, recorders	CAL-AB-405	PAM1
2PI5310	CNTMNT 21 PRESSURE IND	Indicators, recorders	CAL-AB-405	PAM1
2PI5310	CNTMNT 21 PRESSURE IND	Indicators, recorders	CAL-AB-405	PAM1
2TI5309	CONTAINMENT DOME TEMP	Indicators, recorders	CAL-AB-405	PAM2
2II100-1	PROPOR HTRS BANK 21 AMP METER	Indicators, recorders	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2II100-2	PROPOR HTRS BANK 22 AMP METER	Indicators, recorders	CAL-AB-405	PAM2
2LI110X	PRESSURIZER LEVEL	Indicators, recorders	CAL-AB-407	PAM1
2LI110X-1	REACTOR COOLANT PRESSURIZER LEVEL INDICATOR	Indicators, recorders	CAL-AB-405	PAM1
2LI110Y	PRESSURIZER LEVEL	Indicators, recorders	CAL-AB-407	PAM1
2LI110Y-1	PRESSURIZER LEVEL	Indicators, recorders	CAL-AB-407	PAM1
2PI103	LOW RANGE PZR PRESS INDICATION	Indicators, recorders	CAL-AB-405	1E,PAM1
2PI103-1	LOW RANGE PZR PRESS INDICATION	Indicators, recorders	CAL-AB-405	1E,PAM1
2PI105AA	WIDE RANGE PRESSURIZER PRESS	Indicators, recorders	CAL-AB-407	PAM1
2PI105B	WIDE RANGE PRESSURIZER PRESS	Indicators, recorders	CAL-AB-407	PAM1
2TI112C	LOOP 21A COLD LEG TEMP	Indicators, recorders	CAL-AB-405	1E,PAM1
2TI112H	LOOP 21 HOT LEG TEMPERATURE	Indicators, recorders	CAL-AB-405	1E,PAM1
2TI122C	LOOP 22B COLD LEG TEMP	Indicators, recorders	CAL-AB-405	1E,PAM1
2TI122H	LOOP 22 HOT LEG TEMP	Indicators, recorders	CAL-AB-405	1E,PAM1
2VI200	PRSR STM SAFETY VLV INDICATOR	Indicators, recorders	CAL-AB-405	PAM2,SBO
2VI200A	PRSR STM RLF VLV 200 FLO IND	Indicators, recorders	CAL-AB-405	PAM2
2VI201	PRSR STM SAFETY VLV INDICATOR	Indicators, recorders	CAL-AB-405	PAM2,SBO
2VI201A	PRSR STM RLF 201 FLO IND	Indicators, recorders	CAL-AB-405	PAM2
2VI402	PRSR PRESS RELIEF VLV IND	Indicators, recorders	CAL-AB-405	PAM2,SBO
2VI402A	PRSR PRES RLF VLV 402 FLOW IND	Indicators, recorders	CAL-AB-405	PAM2
2VI404	PRSR PRESS RELIEF VLV IND	Indicators, recorders	CAL-AB-405	PAM2,SBO
2VI404A	PRSR PRESS RLF VLV 404 FLO IND	Indicators, recorders	CAL-AB-405	PAM2
2VIA402	ACOUSTIC MOUNT MASTER ALRM MOD	Indicators, recorders	CAL-AB-405	PAM2,SBO
2JI001	NIS WIDE RANGE LOG PWR CHAN A	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JI002	NIS WIDE RANGE LOG PWR CHAN B	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JI003	NIS WIDE RANGE LOG PWR CHAN C	Indicators, recorders	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JI004	NIS WIDE RANGE LOG PWR CHAN D	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI001	NIS WIDE RANGE LOG PWR RATE A	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI001	NIS WIDE RANGE LOG PWR RATE A	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI002	NIS WIDE RANGE LOG PWR RATE B	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI002	NIS WIDE RANGE LOG PWR RATE B	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI003	NIS WIDE RANGE LOG PWR RATE C	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI003	NIS WIDE RANGE LOG PWR RATE C	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI004	NIS WIDE RANGE LOG PWR RATE D	Indicators, recorders	CAL-AB-405	PAM1,SBO
2JKI004	NIS WIDE RANGE LOG PWR RATE D	Indicators, recorders	CAL-AB-405	PAM1,SBO
2NI001	2 NI WIDE RANGE LOG POWER	Indicators, recorders	CAL-AB-405	1E
2NI002	2 NI WIDE RANGE LOG POWER	Indicators, recorders	CAL-AB-405	1E
2NI003	2 NI NIS WIDE RANGE LOG POWER	Indicators, recorders	CAL-AB-405	1E
2NI004	2 NI WIDE RANGE LOG POWER	Indicators, recorders	CAL-AB-405	1E
2NI005	POWER RANGE SAFETY CHANNEL A	Indicators, recorders	CAL-AB-405	1E
2NI006	POWER RANGE SAFETY CHANNEL B	Indicators, recorders	CAL-AB-405	1E
2NI007	POWER RANGE SAFETY CHANNEL C	Indicators, recorders	CAL-AB-405	1E
2NI008	POWER RANGE SAFETY CHANNEL D	Indicators, recorders	CAL-AB-405	1E
2NI009	RX REG CH X PRN1	Indicators, recorders	CAL-AB-405	SRQ
2NI010	RX REG CH Y PRN1	Indicators, recorders	CAL-AB-405	SRQ
2PI3986	21 SG AUX FD PP MAIN STM SUPPORT	Indicators, recorders	CAL-AFWPR-605	PB
2PI3987	AUX FD PP 21 STM INL PRESS IND	Indicators, recorders	CAL-AB-405	1E
2PI3988	22 SG AUX FD PP MAIN STM SUPPORT	Indicators, recorders	CAL-AFWPR-605	PB
2PI3989	AUX FD PP 22 STM INL PRESS IND	Indicators, recorders	CAL-AB-405	1E
2PI4043C	MSIV 21 NITROGEN PRESSURE	Indicators, recorders	CAL-AB-309	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PI4048C	MSIV 22 NITROGEN PRESSURE	Indicators, recorders	CAL-AB-309	PB
2PDIC1587	SERV WTR TO DIESEL 21 FLW CONT	Instrument controllers	CAL-AB-416	PB
2PDIC1588	2A DG FLO CONT	Instrument controllers	CAL-AB-422	PB
2FIC5209	21A SRW HX SW FLOW CONTROLLER	Instrument controllers	CAL-AB-205	1M,PB
2FIC5210	21B SRW HX SW FLOW CONTROLLER	Instrument controllers	CAL-AB-205	1M,PB
2FIC5211	22A SRW HX FLOW CONTROLLER	Instrument controllers	CAL-AB-205	1M,PB
2FIC5212	22B SRW HX SW FLOW CONTROLLER	Instrument controllers	CAL-AB-205	1M,PB
2FIC5212	22B SRW HX SW FLOW CONTROLLER	Instrument controllers	CAL-AB-205	1M,PB
2HIC5206	SALT WTR OUT COMP CLG HTEX 21	Instrument controllers	CAL-AB-405	1E
2HIC5208	SALT WTR OUT COMP CLG HTEX 22	Instrument controllers	CAL-AB-405	1E
2HIC5210	SALT WTR OUT SERV WTR HTEX 21	Instrument controllers	CAL-AB-405	1E
2HIC5212	SALT WTR OUT SERV WTR HTEX 22	Instrument controllers	CAL-AB-405	1E
2PIC5154	21A/21B SRW HX SW BYPASS PIC	Instrument controllers	CAL-AB-205	1E
2PIC5157	22A/22B SRW HX SW BYPASS PIC	Instrument controllers	CAL-AB-405	1E
2ZC5154	21A/21B SRW HX SW BYPASS CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2ZC5157	22A/22B SRW HX SW BYPASS CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2ZC5209	21A SRW HX SW OUTLET CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2ZC5210	21B SRW HX SW OUTLET CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2ZC5211	22A SRW HX SW OUTLET CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2ZC5212	22B SRW HX SW OUTLET CV POSITIONER	Instrument controllers	CAL-AB-205	1M,PB
2TIC3823	COMP CLG HTEX 21 BY-PASS VLV	Instrument controllers	CAL-AB-201	1M,PB
2TIC3825	COMP CLG HTEX 22 BY-PASS VLV	Instrument controllers	CAL-AB-201	1M,PB
2SC2DG2AC/FLASH	EDG 2A GEN FIELD FLASH CIRCUIT	Instrument controllers	CAL-AB-422	1E
2SC2DG2AD/2301A	2A EDG LOAD SHARING SPEED CONTROL UNIT	Instrument controllers	CAL-AB-422	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SC2DG2AD/DRU	EDG 2A DIGITAL REFERENCE UNIT	Instrument controllers	CAL-AB-422	1E
2SC2DG2AD/VREG	EDG 2A EXC VOLTAGE REGULATOR	Instrument controllers	CAL-AB-422	1E
2SC2DG2AE/MOP	EDG 2A EXCITER MOTOR OPER POT	Instrument controllers	CAL-AB-422	1E
2SC2DG2AE/MOT	EDG 2A EXC MOTOR OPER AUT XFMR	Instrument controllers	CAL-AB-422	1E
2SC2DG2BC/FLASH	2B DG GEN FIELD FLASH CIRCUIT	Instrument controllers	CAL-AB-416	1E
2SC2DG2BD/2301A	2B EDG LOAD SHARING SPEED CONTROL UNIT	Instrument controllers	CAL-AB-416	1E
2SC2DG2BD/DRU	EDG 2B DIGITAL REFERENCE UNIT	Instrument controllers	CAL-AB-416	1E
2SC2DG2BD/VREG	2B DG EXCITER VOLTAGE REGULATOR	Instrument controllers	CAL-AB-416	1E
2SC2DG2BE/MOP	2B DG EXCITER MOTOR OPERATED POTENTIOMETER	Instrument controllers	CAL-AB-416	1E
2SC2DG2BE/MOT	2B DG EXCITER MOTOR OPERATOR AUTO XFMR	Instrument controllers	CAL-AB-416	1E
2TC4779	2A DG LUBE OIL HEATER CONT	Instrument controllers	CAL-AB-422	1E,PB
2TC4795	2B DG LUBE OIL HEATER CONT	Instrument controllers	CAL-AB-416	1E,PB
2TC4802	2A DG JACKET WTR HTR CONT	Instrument controllers	CAL-AB-422	1E,PB
2TC4810	2B DG JACKET WTR HTR CONT	Instrument controllers	CAL-AB-416	1E,PB
2SC5428-2	21 SWGR HVAC CKT1 CNDSR FAN #2 CONTROLLER	Instrument controllers	CAL-AB-ARF	1E
2SC5428-5	21 SWGR HVAC CKT2 CNDSR FAN #5 CONTROLLER	Instrument controllers	CAL-AB-ARF	1E
2SC5428A2	22 SWGR HVAC CKT1 CNDSR FAN #2 CONTROLLER	Instrument controllers	CAL-AB-ARF	1E
2SC5428A5	22 SWGR HVAC CKT2 CNDSR FAN #5 CONTROLLER	Instrument controllers	CAL-AB-ARF	1E
2TIC5426	21 SWGR HVAC CONTROLLER	Instrument controllers	CAL-AB-526	1E
2TIC5426A	22 SWGR HVAC CONTROLLER	Instrument controllers	CAL-AB-536	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2LC227B	VOLUME CONTROL TNK LEVEL LOW	Instrument controllers	CAL-AB-214	1E
2TIC206	BORIC ACID STORAGE TNK 21 TEMP	Instrument controllers	CAL-AB-215	1E
2TIC207	BORIC ACID STORAGE TNK 21 TEMP	Instrument controllers	CAL-AB-215	1E
2TIC208	BORIC ACID STORAGE TNK 22 TEMP	Instrument controllers	CAL-AB-215	1E
2TIC209	BORIC ACID STORAGE TNK 22 TEMP	Instrument controllers	CAL-AB-215	1E
2ZC4486	CONDENSATE BOOSTER PUMP MINIFLOW VALVE POSITIONER	Instrument controllers	CAL-TURB-L27B	Indeterminate (not evaluated)
2LIC1113A	STEAM GENERATOR 21 LEVEL CHA IND	Instrument controllers	CAL-AB-405	1E
2LIC1113A	STEAM GENERATOR 21 LEVEL CHA IND	Instrument controllers	CAL-AB-405	1E
2LIC1113B	STEAM GENERATOR 21 LEVEL CHB IND	Instrument controllers	CAL-AB-405	1E
2LIC1113B	STEAM GENERATOR 21 LEVEL CHB IND	Instrument controllers	CAL-AB-405	1E
2LIC1113C	STEAM GENERATOR 21 LEVEL CHC IND	Instrument controllers	CAL-AB-405	1E
2LIC1113C	STEAM GENERATOR 21 LEVEL CHC IND	Instrument controllers	CAL-AB-405	1E
2LIC1113D	STEAM GENERATOR 21 LEVEL	Instrument controllers	CAL-AB-405	1E
2LIC1113D	STEAM GENERATOR 21 LEVEL	Instrument controllers	CAL-AB-405	1E
2LIC1123A	22 STEAM GENERATOR CHA LVL IND	Instrument controllers	CAL-AB-405	1E
2LIC1123B	STEAM GENERATOR 22 LEVEL CHB IND	Instrument controllers	CAL-AB-405	1E
2LIC1123C	STEAM GENERATOR 22 LEVEL CHC IND	Instrument controllers	CAL-AB-405	1E
2LIC1123D	STEAM GENERATOR 22 LEVEL CHD IND	Instrument controllers	CAL-AB-405	1E
2FIC306	S/D CLG FLOW CONTROLLER	Instrument controllers	CAL-AB-405	PAM2
2TC5430	DIESEL RM 2A FAN DAMPERS CONT	Instrument controllers	CAL-AB-422	1M
2TC5430	DIESEL RM 2A FAN DAMPERS CONT	Instrument controllers	CAL-AB-422	1M
2TC5438	DG RM 2B FAN DAMPERS CONT	Instrument controllers	CAL-AB-416	1M
2TC5438	DG RM 2B FAN DAMPERS CONT	Instrument controllers	CAL-AB-416	1M
2YX70A	PWR SUPPLY TO DIST PNL 2PDP70A	Instrument Power Supply	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YX70B	PWR SUPPLY TO DIST PNL 2PDP70B	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X75A	2R01A PANEL POWER SUPPLY	Instrument Power Supply	CAL-AB-302	PAM2
2YX2X75B	2R01A PANEL POWER SUPPLY	Instrument Power Supply	CAL-AB-302	PAM2
2YX2X75A	2R01A PANEL POWER SUPPLY	Instrument Power Supply	CAL-AB-302	PAM2
2YX2X75B	2R01A PANEL POWER SUPPLY	Instrument Power Supply	CAL-AB-302	PAM2
2YX2C67L/PS1	LOGIC MODULE POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YX2C67L/PS2	LOGIC MODULE POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YX2C67L/PS3	RELAY POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YX2C68L/PS1	LOGIC MODULE POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YX2C68L/PS2	LOGIC MODULE POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YX2C68L/PS3	RELAY POWER SUPPLY	Instrument Power Supply	CAL-AB-302	1E
2YXZD-AA1	2 ESFAS 48V ANN ZD PWR SU	Instrument Power Supply	CAL-AB-302	1E
2YXZD-PS1/15	ZD CABINET 15V SENS	Instrument Power Supply	CAL-AB-306	1E
2YXZD-PS1/28	ZD CABINET 28V RELA	Instrument Power Supply	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXZD-PS1/48	ZD CABINET 48V PT53	Instrument Power Supply	CAL-AB-302	1E
2YXZD-PS1/5	ZD CABINET 5V SENSOR	Instrument Power Supply	CAL-AB-302	1E
2YXZE-AA1	2 ESFAS 48V ANN ZE PWR SU	Instrument Power Supply	CAL-AB-302	1E
2YXZE-PS1/15	ESFAS ZE CABINET 15V SENS	Instrument Power Supply	CAL-AB-302	1E
2YXZE-PS1/28	ZE CABINET 28V RELA	Instrument Power Supply	CAL-AB-306	1E
2YXZE-PS1/48	ZE CABINET 48V PT53	Instrument Power Supply	CAL-AB-306	1E
2YXZE-PS1/5	ZE CABINET 5V SENSOR	Instrument Power Supply	CAL-AB-306	1E
2YXZF-AA1	2 ESFAS 48V ANN ZF PWR SU	Instrument Power Supply	CAL-AB-302	1E
2YXZF-PS1/15	ZF CABINET 15V SENS	Instrument Power Supply	CAL-AB-306	1E
2YXZF-PS1/28	ZF CABINET 28V RELAY	Instrument Power Supply	CAL-AB-306	1E
2YXZF-PS1/48	ZF CABINET 48V PT53	Instrument Power Supply	CAL-AB-306	1E
2YXZF-PS1/5	ZF CABINET 5V SENSOR	Instrument Power Supply	CAL-AB-306	1E
2YXZG-AA1	2 ESFAS 48V ANN ZG PWR SU	Instrument Power Supply	CAL-AB-302	1E
2YXZG-PS1/15	ZG CABINET 15V SENS	Instrument Power Supply	CAL-AB-306	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXZG-PS1/28	ZG CABINET 28V RELA	Instrument Power Supply	CAL-AB-306	1E
2YXZG-PS1/48	ZG CABINET 48V PT53	Instrument Power Supply	CAL-AB-306	1E
2YXZG-PS1/5	ZG CABINET 5V SENSOR	Instrument Power Supply	CAL-AB-306	1E
2YX2X10	PWR SUP CHAN F312/L311/P319	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X11	PWR SUP CHAN F322/L321/P329	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X12	PWR SUP CHAN F332/L331/P339/F305	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X13	PWR SUP CHAN F342/L341/P349	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X351	POWER SUPPLY - HPSI FLOW	Instrument Power Supply	CAL-AB-405	PAM2
2YX4146	POWER SUPPLY CHANNEL L4146	Instrument Power Supply	CAL-AB-405	PAM1
2YX4147	POWER SUPPLY CHANNEL L4147	Instrument Power Supply	CAL-AB-405	PAM1
2YX2X112CA	RCS POWER SUPPLY CHT112CA	Instrument Power Supply	CAL-AB-311	1E,PAM1
2YX2X112CB	RCS POWER SUPPLY CHLST 112CB	Instrument Power Supply	CAL-AB-407	1E,PAM1
2YX2X112HA	RCS POWER SUPPLY CHLST 112HA	Instrument Power Supply	CAL-AB-311	1E,PAM1
2YX2X112HB	RCS POWER SUPPLY CHLST 112HB	Instrument Power Supply	CAL-AB-407	1E,PAM1

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YX2X122CA	RCS POWER SUPPLY CHLST 122CA	Instrument Power Supply	CAL-AB-311	1E,PAM1
2YX2X122CB	RCS POWER SUPPLY CHLST 112CB	Instrument Power Supply	CAL-AB-407	1E,PAM1
2YX2X122HA	RCS POWER SUPPLY CHLST 122HA	Instrument Power Supply	CAL-AB-311	1E,PAM1
2YX2X122HB	RCS POWER SUPPLY CHLST 122HB	Instrument Power Supply	CAL-AB-407	1E,PAM1
2YX2X4	POWER SUPPLY CHANNEL T-112CC	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2X5	POWER SUPPLY CHANNEL T-112CD	Instrument Power Supply	CAL-AB-405	1E
2YX2X56	POWER SUPPLY CHANNEL T-112HC	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2X57	POWER SUPPLY CHANNEL T-122CC	Instrument Power Supply	CAL-AB-405	1E
2YX2X58	POWER SUPPLY CHANNEL T-122HC	Instrument Power Supply	CAL-AB-405	1E
2YX2X59	POWER SUPPLY CHANNEL T-112HD	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2X60	POWER SUPPLY CHANNEL T-122CD	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2X61	POWER SUPPLY CHANNEL T-122HD	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2XAPDCALC/CH A	RPS CHA APD CALC 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDCALC/CH B	PS CHB APD CALC 18V PS	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YX2XAPDCALC/CH C	RPS CHC APD CALC 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDCALC/CH D	RPS CHD APD CALC 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDREF/CHA	RPS CHA APD CALC 5V REF	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDREF/CHB	RPS CHB APD CALC 5V REF	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDREF/CHC	RPS CHC APD CALC 5V REF	Instrument Power Supply	CAL-AB-405	1E
2YX2XAPDREF/CHD	RPS CHD APD CALC 5V REF	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW12- 18PS1	RPS TMLP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW12- 18PS2	RPS TMLP/RPSCIP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS1	CH A P/S HI PWR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS10	CH A P/S APD ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS2	CH A P/S SUR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS3	CH A LO RX FLOW ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS4	CH A P/S LO SG LVL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8- A15PS5	CH A P/S LO SG PRESS ATU	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXDWRRAW8-A15PS6	CH A P/S HI PZR PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8-A15PS7	CH A P/S TM/LP, ASGT ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8-A15PS8	CH A P/S LOL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8-A15PS9	CH A P/S CTMT PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRRAW8-PS20	AUX LOGIC CH A 24V P.S	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW12-18PS1	RPS TMLP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW12-18PS2	RPS TMLP/RPSCIP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS1	CH B P/S HI PWR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS10	CH B P/S APD ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS2	CH B P/S SUR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS3	CH B P/S LO RX FLOW ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS4	CH B P/S LO SG LVL	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS5	CH B P/S LO SG PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS6	CH B P/S HI PZR PRESS ATU	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXDWRBW8-A15PS7	CH B P/S TM/LP, ASGT ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS8	CH B P/S LOL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-A15PS9	CH B P/S CTMT PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRBW8-PS20	AUX LOGIC CH B 24V P.S	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW12-18PS1	RPS TMLP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW12-18PS2	RPS TMLP/RPSCIP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS1	CH C P/S HI PWR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS10	CH C P/S APD ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS2	CH C P/S SUR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS3	CH C P/S LO RX FLOW ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS4	CH C LO SG LVL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS5	CH C P/S LO SG PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS6	CH C P/S HI PZR PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS7	CH C P/S TM/LP, ASGT ATU	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXDWRCW8-A15PS8	CH C P/S LOL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-A15PS9	CH C P/S CTMT PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRCW8-PS20	AUX LOGIC CH C 24V P.S	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW12-18PS1	RPS TMLP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW12-18PS2	RPS TMLP/RPSCIP 18V PS	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS1	CH D P/S HI PWR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS10	CH D P/S APD ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS2	CH D P/S SUR ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS3	CH D P/S LO RX FLOW ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS4	CH D P/S LO SG LVL ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS5	CH D P/S LO SG PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS6	CH D P/S HI PZR PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS7	CH D P/S TM/LP, ASGT ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-A15PS8	CH D P/S LOL ATU	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXDWRDW8-A15PS9	CH D P/S CTMT PRESS ATU	Instrument Power Supply	CAL-AB-405	1E
2YXDWRDW8-PS20	AUX LOGIC CH D 24V P.S	Instrument Power Supply	CAL-AB-405	1E
2YXPS10	2 RPS MATRIX LOGIC AD CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS11	2 RPS MATRIX LOGIC BC CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS12	2 RPS MATRIX LOGIC BC CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS13	2 RPS MATRIX LOGIC BD CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS14	2 RPS MATRIX LOGIC BD CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS15	2 RPS MATRIX LOGIC AB CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS16	2 RPS MATRIX LOGIC CD CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS17	2 RPS MATRIX LOGIC TEST P	Instrument Power Supply	CAL-AB-405	1E
2YXPS5	2 RPS MATRIX LOGIC AB CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS6	2 RPS MATRIX LOGIC CD CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS7	2 RPS MATRIX LOGIC AC CH	Instrument Power Supply	CAL-AB-405	1E
2YXPS8	2 RPS MATRIX LOGIC AC CH	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXPS9	2 RPS MATRIX LOGIC AD CH	Instrument Power Supply	CAL-AB-405	1E
2YX5308	POWER SUPPLY CHANNEL P5308	Instrument Power Supply	CAL-AB-405	PAM1
2YX5310	POWER SUPPLY CHANNEL P5310	Instrument Power Supply	CAL-AB-405	PAM1
2YX2X102A	POWER SUPPLY CHANNEL P-102A	Instrument Power Supply	CAL-AB-405	1E
2YX2X102B	POWER SUPPLY CHANNEL P-102B	Instrument Power Supply	CAL-AB-405	1E
2YX2X102C	POWER SUPPLY CHANNEL P-102C	Instrument Power Supply	CAL-AB-405	1E
2YX2X102D	POWER SUPPLY CHANNEL P-102D	Instrument Power Supply	CAL-AB-405	1E
2YX2X105A1	PRESSUR. NO 21 WR PRESS P-105A	Instrument Power Supply	CAL-AB-311	PAM1,SBO
2YX2X105B1	PRESSUR NO 21 WR PRESS P-105B	Instrument Power Supply	CAL-AB-407	PAM1,SBO
2YX2X110XA1	PRESSURIZER 21 LEVEL L-110X	Instrument Power Supply	CAL-AB-311	PAM1
2YX2X110YB1	PRSSZR NO 21 LEVEL L-110Y	Instrument Power Supply	CAL-AB-407	PAM1
2YX2X200	PRESS RELIEF VLV MON POWER SUP	Instrument Power Supply	CAL-AB-405	PAM2
2YX2X27	POWER SUPPLY CHANNEL P-103	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2X28	POWER SUPPLY CHANNEL PDI-101A	Instrument Power Supply	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YX2X29	POWER SUPPLY CHANNEL PDI-101B	Instrument Power Supply	CAL-AB-405	1E
2YX2X30	POWER SUPPLY CHANNEL PDI-101C	Instrument Power Supply	CAL-AB-405	1E
2YX2X31	POWER SUPPLY CHANNEL PDI-101D	Instrument Power Supply	CAL-AB-405	1E
2YX2X66	PSZR PRESS LO RANGE CH P-103-1	Instrument Power Supply	CAL-AB-405	1E,PAM1
2YX2XDWRRAW3PS1	LINEAR RANGE NUCLEAR INSTRUMENT DWR HIGH VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRRAW3PS2	LINEAR RANGE NUCLEAR INSTRUMENT DWR LOW VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRBW3PS1	LINEAR RANGE NUCLEAR INSTRUMENT DWR HIGH VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRBW3PS2	LINEAR RANGE NUCLEAR INSTRUMENT DWR LOW VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRWCW3PS1	LINEAR RANGE NUCLEAR INSTRUMENT DWR HIGH VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRWCW3PS2	LINEAR RANGE NUCLEAR INSTRUMENT DWR LOW VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRDW3PS1	LINEAR RANGE NUCLEAR INSTRUMENT DWR HIGH VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YX2XDWRDW3PS2	LINEAR RANGE NUCLEAR INSTRUMENT DWR LOW VOLTAGE PWR SUPPLY	Instrument Power Supply	CAL-AB-405	1E
2YXNX001-PS1	CH A NIS WR AMP HVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX001-PS2	CH A NIS WR AMP LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXNX001A-PS1	CH A NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX001A-PS2	CH A NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX001A1-PS1	CH A NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX001A1-PS2	CH A NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX001A1-PS3	CH A NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX002-PS1	CH B NIS WR AMP HVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX002-PS2	CH B NIS WR AMP LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX002B-PS1	CH B NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX002B-PS2	CH B NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003-PS1	CH C NIS WR AMP HVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003-PS1	CH C NIS WR AMP HVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003-PS2	CH C NIS WR AMP LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003C-PS1	CH C NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003C-PS2	CH C NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YXNX003C1-PS1	CH C NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003C1-PS2	CH C NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX003C1-PS3	CH C NIS WR OPT ISOL LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX004-PS1	CH D NIS WR AMP HVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX004-PS2	CH D NIS WR AMP LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX004D-PS1	CH D NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2YXNX004D-PS2	CH D NIS WR SIG PROC LVPS	Instrument Power Supply	CAL-AB-405	PAM1,SBO
2LY5206	SALT WTR HTEX 21	Instrument Relay	CAL-AB-405	1E
2LY5206A	SALT WTR HTEX 21	Instrument Relay	CAL-AB-405	1E
2LY5208	COMP CLG HTEX 22 WTR OUT	Instrument Relay	CAL-AB-405	1E
2LY5208A	COMP CLG HTEX 22 SALT WTR OUT	Instrument Relay	CAL-AB-405	1E
2HY5380	12 CONDENSER FAN AUX STR RELAY	Instrument Relay	CAL-AB-512	1E
2PY5426-1	SWITCHGEAR ROOM HVAC 21	Instrument Relay	CAL-AB-526	1M
2PY5426A-1	SWITCHGEAR ROOM HVAC 22	Instrument Relay	CAL-AB-526	1M
2TY5441	SWGR RM EL 45 OUTLT TEMP	Instrument Relay	CAL-AB-311	1E
2TY5443	SWGR RM EL 27 OUTLT TEMP	Instrument Relay	CAL-AB-407	1E
2FY306	LPSI FLOW CONTROL	Instrument Relay	CAL-AB-302	PAM2
2FY311	HPSI FLOW TO LOOP 21B	Instrument Relay	CAL-AB-405	PAM2
2FY321	HPSI FLOW TO LOOP 21A	Instrument Relay	CAL-AB-405	PAM2
2FY331	HPSI FLOW TO LOOP 22B	Instrument Relay	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FY341	HPSI FLOW TO LOOP 22A	Instrument Relay	CAL-AB-405	PAM2
2FY351	TOTAL HPSI FLOW	Instrument Relay	CAL-AB-405	PAM2
2PDY111A	LOOP 21B FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY111B	LOOP 21 FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY111C	LOOP 21 FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY111D	LOOP 21 FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY121A	LOOP 22B FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY121B	LOOP 22 FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY121C	LOOP 22A FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PDY121D	LOOP 22 FLOW SIGNAL	Instrument Relay	CAL-AB-405	1E
2PY1013A	STEAM PRESSURE (PROTECTIVE) 21	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1013B	STEAM PRESSURE (PROTECTIVE) 21	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1013C	STEAM PRESSURE (PROTECTIVE) 21	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1013D	STEAM PRESSURE (PROTECTIVE) 21	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1023A	STEAM PRESSURE (PROTECTIVE) 22	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1023B	STEAM PRESSURE (PROTECTIVE) 22	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1023C	STEAM PRESSURE (PROTECTIVE) 22	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY1023D	STEAM PRESSURE (PROTECTIVE) 22	Instrument Relay	CAL-AB-405	1E,SBO,PAM1
2PY103C	VLTOP, SPEC 200, INPUT CARD	Instrument Relay	CAL-AB-405	1E,PAM1
2PY103C-1	VLTOP, SPEC 200, INPUT CARD	Instrument Relay	CAL-AB-405	1E,PAM1
2PY103X	LOW RANGE PZR PRESS CH A	Instrument Relay	CAL-AB-405	1E,PAM1
2PY103X-1	LOW RANGE PZR PRESS CH B	Instrument Relay	CAL-AB-405	1E,PAM1
2MODU2B/MZD-XA26	ESFAS MAINTENANCE BYPASS MODULE	Integrator/computation module	CAL-AB-302	1E
2MODU2B/MZE-XA26	ESFAS ZE MAINTENANCE BYPASS MODULE	Integrator/computation module	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2MODU2B/MZF-XA26	ESFAS ZF MAINTENANCE BYPASS MODULE	Integrator/computation module	CAL-AB-302	1E
2MODU2B/MZG-XA26	ESFAS ZG MAINTENANCE BYPASS MODULE	Integrator/computation module	CAL-AB-302	1E
2MOV4516	21 SG FW ISOL	Electric Motor/Servo (MOV)	CAL-AB-309	1E,PB,MOV,50.49,1M
2MOV627	21A AUX HPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-310	1E,PB,MOV,50.49,1M
2ENGEDG2A	2A EMERGENCY DIESEL GENERATOR	Internal Combustion Engine	CAL-AB-422	1E,PB,1M
2MOV625	21A LPSI LOOP ISOL	Electric Motor/Servo (MOV)	CAL-AB-206	1E,PB,MOV,50.49,1M
2INV2Y01A	INVERTER 21	Inverter	CAL-AB-302	1E,SBO
2INV2Y02A	INVERTER 22	Inverter	CAL-AB-302	1E,SBO
2INV2Y03A	INVERTER 23	Inverter	CAL-AB-302	1E,SBO
2INV2Y04A	INVERTER 24	Inverter	CAL-AB-302	1E,SBO
2E/I1573	21 SERVICE WATER HEADER PRESSURE	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I5203	SALT WTR PMPS DISCH HDR	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I5204	SALT WTR PMPS PRESS	Isolation devices and Converters	CAL-AB-405	PAM2
2I/P5154	21A/21B SRW HX SW BYPASS I/P	Isolation devices and Converters	CAL-AB-205	1E,PB
2I/P5157	22A/22B SRW HX SW OUT I/P	Isolation devices and Converters	CAL-AB-205	1E,PB
2I/P5206	SALT WTR OUT COMPONT CLG HTEX	Isolation devices and Converters	CAL-AB-201	1E,PB,50.49,1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2I/P5208	SALT WTR OUT COMPONT CLG HTEX	Isolation devices and Converters	CAL-AB-201	1E,PB,50.49,1M
2P/P5154	2CV5154 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2P/P5157	2CV5157 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2P/P5209	2CV5209 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2P/P5210	2CV5210 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2P/P5211	2CV5211 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2P/P5212	2CV5212 A/S VOLUME BOOSTER	Isolation devices and Converters	CAL-AB-205	1M,PB
2E/I3814	COMP CLG PUMP 21 DISCH PRESS	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I3816	COMP CLG PUMP 22 DISCH PRESS	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I3824	COMP CLG HTEX 21 OUTLET TEMP	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I3826	COMP CLG HTEX 22 OUTLET TEMP	Isolation devices and Converters	CAL-AB-405	PAM2
2MOV615	21B LPSI OUTLET MOV	Electric Motor/Servo (MOV)	CAL-AB-206	1E,PB,MOV,50.49,1M
2E/E1013A	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1013B	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/E1013C	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1013D	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1023A	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1023B	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1023C	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E1023D	STEAM PRESSURE (PROTECTIVE)	Isolation devices and Converters	CAL-AB-302	1E,PAM1
2E/E102A	PRESSURIZER PRESSURE TO SIAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E102B	PRESSURIZER PRESSURE TO SIAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E102C	PRESSURIZER PRESSURE TO SIAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E102D	PRESSURIZER PRESSURE TO SIAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5313A	CNTMT PT SIG FROM SIAS TO RPS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5313B	CNTMT PT SIG FROM SIAS TO RPS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5313C	CNTMT PT SIG FROM SIAS TO RPS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5313D	CNTMT PT SIG FROM SIAS TO RPS	Isolation devices and Converters	CAL-AB-302	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/E5316A	CNTMT RADIATION TO ESFAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5316B	CNTMT RADIATION TO ESFAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5316C	CNTMT RADIATION TO ESFAS	Isolation devices and Converters	CAL-AB-302	1E
2E/E5316D	CNTMT RADIATION TO ESFAS	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1	ZD CHANNEL B (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U1	SIAS CP ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U10	SPARE-ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U11	SIAS PPB ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U12	CRS ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U13	SGIS 22B ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U14	TT SG22 ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U15	SPARE-ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U2	CIS ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U3	RAS ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZD-XA1-U4	UV BUS 24 ZD CH B ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U5	TT UV ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U6	SIAS PP ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U7	CSAS ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U8	SGIS 22 ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA1-U9	TT SG21 ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA16	ZD CHANNEL B (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA16-U1	CVCIS ZD CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA23	ZD CHANNEL A (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA23-U1	CVCIS ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6	ZD CHANNEL A (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U1	SIAS CP ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U10	SPARE-ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U11	SPARE-ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZD-XA6-U12	SPARE-ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U13	SGIS 21B ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U14	TT SG22 ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U15	SPARE-ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U2	CIS ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U3	RAS ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U4	UV BUS 21 ZD CH A ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U5	TT UV ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U6	SIAS PP ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U7	CSAS ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U8	SGIS 21 ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZD-XA6-U9	TT SG21 ZD CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1	ZE CHANNEL B (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U1	SIAS CP ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZE-XA1-U10	SPARE-ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U11	SIAS PPB ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U12	CRS ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U13	SGIS 22B ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U14	TT SG22 ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U15	SPARE-ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U2	CIS ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U3	RAS ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U4	UV BUS 24 ZE CH B ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U5	TT UV ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U6	SIAS PP ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U7	CSAS ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U8	SGIS 22 ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA1-U9	TT SG21 ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZE-XA21	ZE CHANNEL B (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA21-U2	CVCIS ZE CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA26	ZE CHANNEL A (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA26-U2	CVCIS ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6	ZE CHANNEL A (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U1	SIAS CP ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U10	SPARE-ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U11	SIAS PPB ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U12	CRS ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U13	SGIS 21B ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U14	TT SG22 ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U15	SPARE-ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U2	CIS ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U3	RAS ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZE-XA6-U4	UV BUS 21 ZE CH A ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U5	TT UV ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U6	SIAS PP ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U7	CSAS ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U8	SGIS 21 ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZE-XA6-U9	TT SG21 ZE CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1	ZF CHANNEL B (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U1	SIAS CP ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U10	SPARE-ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U11	SIAS PPB ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U12	CRS ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U13	SGIS 22B ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U14	TT SG22 ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U15	SPARE-ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZF-XA1-U2	CIS ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U3	RAS ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U4	UV BUS 24 ZF CHB ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U5	TT UV ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U6	SIAS PP ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U7	CSAS ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U8	SGIS 22 ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA1-U9	TT SG21 ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA21	ZF CHANNEL B (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA21-U2	CVCS ZF CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA26	ZF CHANNEL A (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA26-U2	CVCIS ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6	ZF CHANNEL A (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U1	SIAS CP ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZF-XA6-U10	SPARE-ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U11	SIAS PPB ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U12	CRS ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U13	SGIS 21B ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U14	TT SG22 ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U15	SPARE-ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U2	CIS ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U3	RAS ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U4	UV BUS 21 ZF CH A ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U5	TT UV ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U6	SIAS PP ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U7	CSAS ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U8	SGIS 21 ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZF-XA6-U9	TT SG21 ZF CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZG-XA1	ZD CHANNEL B (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U1	SIAS CP ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U10	SPARE-ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U11	SIAS PPB ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U12	CRS ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U13	SGIS 22B ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U14	TT SG22 ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U15	SPARE-ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U2	CIS ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U3	RAS ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U4	UV BUS 24 ZG CH B ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U5	TT UV ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U6	SIAS PP ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U7	CSAS ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZG-XA1-U8	SGIS 22 ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA1-U9	TT SG21 ZG CH B ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA21	ZG CHANNEL B (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA21-U2	CVCIS ZG CH B ISOLATER	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA26	ZG CHANNEL A (LOWER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA26-U2	CVCIS ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6	ZG CHANNEL A (UPPER) ISOL	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U1	SIAS CP ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U10	SPARE-ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U11	SIAS PPB ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U12	CRS ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U13	SGIS 21B ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U14	TT SG22 ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U15	SPARE-ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/EZG-XA6-U2	CIS ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U3	RAS ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U4	UV BUS 21 ZG CH A ISOLATO	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U5	TT UV ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U6	SIAS PP ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U7	CSAS ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U8	SGIS 21 ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/EZG-XA6-U9	TT SG21 ZG CH A ISOLATOR	Isolation devices and Converters	CAL-AB-302	1E
2E/I306	LPSI FLOW CONTROL	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I311	21B PRIMARY LOOP HPSI FLOW	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I312	21B PRIMARY LOOP LPSI FLOW	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I321	HPSI FLOW TO LOOP 21A	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I322	LPSI FLOW TO LOOP 21A	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I331	HPSI FLOW TO LOOP 22B	Isolation devices and Converters	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/I332	LPSI FLOW TO LOOP 22B	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I341	HPSI FLOW TO LOOP 22A	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I342	LPSI FLOW TO LOOP 22A	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I4146	CNTMNT WTR LEVEL TO DL	Isolation devices and Converters	CAL-AB-405	PAM1
2E/I4147	CNTMNT WTR LEVEL TO DL	Isolation devices and Converters	CAL-AB-405	PAM1
2E/E0005	LRNI A/IVM ISOLATOR	Isolation devices and Converters	CAL-AB-405	1E
2E/E0006	LRNI B/IVM ISOLATOR	Isolation devices and Converters	CAL-AB-405	1E
2E/E0007	LRNI C/IVM ISOLATOR	Isolation devices and Converters	CAL-AB-405	1E
2E/E0008	LRNI D/IVM ISOLATOR	Isolation devices and Converters	CAL-AB-405	1E
2E/I1013A	STEAM GENERATOR 21 PRESSURE	Isolation devices and Converters	CAL-AB-405	1E,PAM1
2E/I1023A	STEAM GENERATOR 22 PRESSURE	Isolation devices and Converters	CAL-AB-405	1E,PAM1
2E/I124A	TC SIGNAL ISOLATOR FROM RPS	Isolation devices and Converters	CAL-AB-405	1E
2E/I124B	TC SIGNAL ISOLATOR FROM RPS	Isolation devices and Converters	CAL-AB-405	1E
2E/I124C	TC SIGNAL ISOLATOR FROM RPS	Isolation devices and Converters	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/I124D	TC SIGNAL ISOLATOR FROM RPS	Isolation devices and Converters	CAL-AB-405	1E
2I/I1013A1	STM GEN 21 PRESS	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/I1013B1	STM GEN 21 PRESS	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2I/I1023A1	STM GEN 22 PRESS	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/I1023B1	STM GEN 22 PRESS	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2E/I5310	CONT 21 PRESS INDICATE	Isolation devices and Converters	CAL-AB-405	PAM1
2E/I5309	CONTAINMENT DOME TEMPERATURE	Isolation devices and Converters	CAL-AB-405	PAM2
2E/I103-1	REACTOR COOLANT PRESSURIZER LOW RANGE ISOLATOR	Isolation devices and Converters	CAL-AB-405	1E,PAM1
2E/I111A	RCS FLOW LOOP 21B	Isolation devices and Converters	CAL-AB-405	1E
2E/I121A	REACTOR COOLANT SYSTEM FLOW LOOP 22B	Isolation devices and Converters	CAL-AB-405	1E
2I/I105A1	WIDE RANGE PRESSURIZER PRESS	Isolation devices and Converters	CAL-AB-311	PAM1,SBO
2I/I105A2	WIDE RANGE PRESSURIZER PRESS	Isolation devices and Converters	CAL-AB-311	PAM1,SBO
2I/I105A3	WIDE RANGE PRESSURIZER PRESS	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/I105B1	WIDE RANGE PRESSURIZER PRESS	Isolation devices and Converters	CAL-AB-407	PAM1,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2I/1110XA1	PRESSURIZER LEVEL	Isolation devices and Converters	CAL-AB-311	PAM1
2I/1110XA2	PRESSURIZER LEVEL	Isolation devices and Converters	CAL-AB-311	PAM1
2I/1110XA3	RC PZR LEVEL ISOLATOR	Isolation devices and Converters	CAL-AB-311	PAM1
2I/1110YB1	PRESSURIZER LEVEL	Isolation devices and Converters	CAL-AB-407	PAM1
2I/1110YB2	PRESSURIZER LEVEL	Isolation devices and Converters	CAL-AB-430	PAM1
2I/1112CA1	SPARE	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/1112CB1	SPARE	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2I/1112HA1	SPARE	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/1112HB1	SPARE	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2I/1122CA1	SPARE	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/1122CB1	SPARE	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2I/1122HA1	SPARE	Isolation devices and Converters	CAL-AB-311	1E,PAM1
2I/1122HB1	SPARE	Isolation devices and Converters	CAL-AB-407	1E,PAM1
2E/E10C5	CPS AUX SIGNAL - CHANNEL C	Isolation devices and Converters	CAL-AB-405	PAM1

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2E/E10D5	CPS AUX SIGNAL CHANNEL D	Isolation devices and Converters	CAL-AB-405	PAM1
2I/P3938	STM GEN 22 ATM DMP VLV 2CV3938	Isolation devices and Converters	CAL-AB-408	PB
2MOV508	22 BAST GRAVITY FD	Electric Motor/Servo (MOV)	CAL-AB-215	1E,PB,MOV,1M
2I/P4056A	STM GEN 21 ATM DMP VLV 2CV3939	Isolation devices and Converters	CAL-AB-407	PB
2I/P4056A	STM GEN 21 ATM DMP VLV 2CV3939	Isolation devices and Converters	CAL-AB-407	PB
2I/P4056B	STM GEN 22 ATM DMP VLV 2CV3938	Isolation devices and Converters	CAL-AB-407	PB
2I/P4056B	STM GEN 22 ATM DMP VLV 2CV3938	Isolation devices and Converters	CAL-AB-407	PB
2JL221B	21 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL222B	22 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL223B	23 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL224B	24 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL225B	25 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL226B	26 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL227B	27 CONTR PANEL 125V DC LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2JL2B111/G	BKR 52-2111 BATT CHGR 23 125V	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B111/R	BKR 52-2111 BATT CHGR 23 125V	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B120/G	BKR 52-2120 BATTERY CHARGER 22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B120/R	BKR 52-2120 BATTERY CHARGER 22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B407/G	BKR 52-2407 BATT CHARGER 21	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B407/R	BKR 52-2407 BATT CHARGER 21	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B420/G	BKR 52-2420 BATTERY CHARGER 24	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B420/R	BKR 52-2420 BATTERY CHARGER 24	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2XL221A	21 BATTERY MONITOR TROUBLE LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL221W1	21 BUS 125V DC GND POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL221W2	21 BUS 125V DC GND NEG LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL222A	22 BATTERY MONITOR TROUBLE LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL222W1	22 BUS 125V DC GND POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL222W2	22 BUS 125V DC GND NEG LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2,SBO
2XL2D01/W1	125D BATT 21 LOCAL GND XL	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2XL2D01/W2	125D BATT 21 LOCAL GND TE	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL2D02/W1	125D BATT 22 LOCAL GND TE	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2XL2D02/W2	125D BATT 22 LOCAL GND TE	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL152-21W	21 BUS 4KV VITAL POWER LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2JL152-24W	24 BUS 4KV VITAL POWER LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2JL2A01/1	13/4KV BUS 21 EI/SYNCH IN	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A01/2	13/4KV BUS 21 U/V RY INST	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A01/3	13/4KV BUS 21 U/V RY INST	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A04/1	13/4KV BUS 24 EI/SYNCH IN	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A04/2	13/4KV BUS 24 U/V RY INST	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A04/3	13/4KV BUS 24 U/V RY INST	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A100/B	BUS 21 LOAD SHED VERIF LGT	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A101/B	BKR 152-2101 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A101/G2	BKR 152-2101 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A101/R2	BKR 152-2101 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A102/G2	BKR 152-2102 TO U-440-21B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A102/R2	BKR 152-2102 TO U-440-21B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A114/G2	BKR 152-2114 TRANSF U-440-21A	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A114/R2	BKR 152-2114 TRANSF U-440-21A	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A115/B	BKR 152-2115 TRANSF U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A115/G2	BKR 152-2115 TRANSF U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A115/R2	BKR 152-2115 TRANSF U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A400/B	BUS LOAD SHED VERIF RELAY	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A401/B	BKR 152-2401 FROM U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A401/G2	BKR 152-2401 FROM U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A401/R2	BKR 152-2401 FROM U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A402/G2	BKR 152-2402 TO U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A402/R2	BKR 152-2402 TO U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A413/G2	BKR 152-2413 TO U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A413/R2	BKR 152-2413 TO U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A414/B	152-2414, BUS 24 LOCKOUT LB	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A414/G2	BKR 152-2414 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A414/R2	BKR 152-2414 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A415/G2	BKR 152-2415 AUX FW PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A415/R2	BKR 152-2415 AUX FW PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B110/G	BKR 52-2110 SWGR RM A/C COMP21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B110/R	BKR 52-2110 SWGR RM A/C COMP21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B424/G	BKR 52-2424 SWGR RM A/C COMP22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B424/R	BKR 52-2424 SWGR RM A/C COMP22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2XL2A100/W	BUS 21 LOAD SHED VER IND RELAY	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2XL2A400/W	BUS 24 LOAD SHED VER IND RELAY	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL101G	4 KV FEEDER BKR 152-2101	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL101R	4 KV FEEDER BKR 152-2101	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL102G	4 KV FEEDER BKR 152-2102	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL102R	4 KV FEEDER BKR 152-2102	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL107G	4 KV FEEDER BKR 152-2107	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL107R	4 KV FEEDER BKR 152-2107	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL108G	4 KV FEEDER BKR 152-2108	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL108R	4 KV FEEDER BKR 152-2108	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL109G	4 KV FEEDER BKR 152-2109	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL109R	4 KV FEEDER BKR 152-2109	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL110G	4 KV FEEDER BKR 152-2110	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL110R	4 KV FEEDER BKR 152-2110	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL111G	4 KV FEEDER BKR 152-2111	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL111R	4 KV FEEDER BKR 152-2111	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL112G	4 KV FEEDER BKR 152-2112	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL112R	4 KV FEEDER BKR 152-2112	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL113G	4 KV FEEDER BKR 152-2113	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL113R	4 KV FEEDER BKR 152-2113	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL114G	4 KV FEEDER BKR 152-2114	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL114R	4 KV FEEDER BKR 152-2114	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL115G	4 KV FEEDER BKR 152-2115	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL115R	4 KV FEEDER BKR 152-2115	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL152-2101G	21 BUS 4KV FDR 152-2101 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL152-2101G1	21 BUS 4KV FDR 152-2101 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2101R	21 BUS 4KV FDR 152-2101 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2101R1	21 BUS 3KV FDR 152-2101 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2102G	U440-21B XFMR FDR 152-2102 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2102R	U440-21B XFMR FDR 152-2102 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2113G	SWYD SERV XFMR FDR 152-2113 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2113R	SWYD SERV XFMR FDR 152-2113 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2114G	U440-21A XFMR FDR 152-2114 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2114R	U440-21A XFMR FDR 152-2114 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL152-2115G	21 BUS 4KV FDR 152-2115 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2115G1	21 BUS 4KV FDR 152-2115 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2115R	21 BUS 4KV FDR 152-2115 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2115R1	21 BUS 4KV FDR 152-2115 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2401G	BKR 152-2401 FROM U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2401G1	24 BUS 4KV FDR 152-2401 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2401R	BKR 152-2401 FROM U-4000-22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2401R1	24 BUS 4KV FDR 152-2401 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2402G	BKR 152-2402 TO U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL152-2402R	BKR 152-2402 TO U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2413G	BKR 152-2413 TO U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2413R	BKR 152-2413 TO U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2414G	BKR 152-2414 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2414G1	24 BUS 4KV FDR 152-2414 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2414R	BKR 152-2414 FROM U-4000-12	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL152-2414R1	24 BUS 4KV FDR 152-2414 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL401G	4 KV FEEDER BKR 152-2401	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL401R	4 KV FEEDER BKR 152-2401	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL402G	4 KV FEEDER BKR 152-2402	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL402R	4 KV FEEDER BKR 152-2402	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL406G	4 KV FEEDER BKR 152-2406	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL407G	4 KV FEEDER BKR 152-2407	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL408G	4 KV FEEDER BKR 152-2408	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL409G	4 KV FEEDER BKR 152-2409	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL410G	4 KV FEEDER BKR 152-2410	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL411G	4 KV FEEDER BKR 152-2411	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL412G	4 KV FEEDER BKR 152-2412	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL413G	4 KV FEEDER BKR 152-2413	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL414G	4 KV FEEDER BKR 152-2414	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL414R	4 KV FEEDER BKR 152-2413	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL415G	4 KV FEEDER BKR 152-2415	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL415R	4 KV FEEDER BKR 152-2415	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B01A/W	480V BUS 21A (EI AND U/V RY) POTENTIAL XMFR	Misc Electrical components (Lamps, etc)	CAL-AB-311	PAM2
2JL2B01B/W	480V BUS 21B (EI AND U/V RY) POTENTIAL XMFR	Misc Electrical components (Lamps, etc)	CAL-AB-311	PAM2
2JL2B04A/W	480V BUS 24A (EI AND U/V RY) POTENTIAL XMFR	Misc Electrical components (Lamps, etc)	CAL-AB-407	PAM2
2JL2B04B/W	480V BUS 24B (EI AND U/V RY) POTENTIAL XMFR	Misc Electrical components (Lamps, etc)	CAL-AB-407	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B103/G	BKR 52-2103 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B103/R	BKR 52-2103 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B107/G1	BKR 52-2107 BATT CHARGER 250V	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B107/R1	BKR 52-2107 BATT CHARGER 250V	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B112/G2	BKR 52-2112 FROM U-440-21A	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B112/R2	BKR 52-2112 FROM U-440-21A	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B113/G2	BKR 52-2113 FROM TX U-440-21B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B113/R2	BKR 52-2113 FROM TX U-440-21B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B123/G	BKR 52-2123 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B123/R	BKR 52-2123 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B124/G	BKR 52-2124 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B124/R	BKR 52-2124 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B126/G	BKR 52-2126 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B126/R	BKR 52-2126 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B128/G	BKR 52-2128 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B128/R	BKR 52-2128 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B129/G	BKR 52-2129 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B129/R	BKR 52-2129 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B403/G	BKR 52-2403 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B403/R	BKR 52-2403 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B410/G	BKR 52-2410 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B410/R	BKR 52-2410 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B412/G	BKR 52-2412 FROM TX U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B412/R	BKR 52-2412 FROM TX U-440-24A	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B413/G	BKR 52-2413 FROM TX U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B413/R	BKR 52-2413 FROM TX U-440-24B	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B425/G	BKR 52-2425 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B425/R	BKR 52-2425 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B426/G	BKR 52-2426 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B426/R	BKR 52-2426 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B428/G	BKR 52-2428 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B428/R	BKR 52-2428 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B429/G	BKR 52-2429 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B429/R	BKR 52-2429 SPACE	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL52-21AW	21A BUS 480V VITAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2JL52-21BW	21B BUS 480V VITAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL52-24AW	24A BUS 480V VITAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2JL52-24BW	24B BUS 480V VITAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2ZL52-2112G	21A BUS 480V FDR 52-2112 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2112R	21A BUS 480V FDR 52-2112 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2113G	21B BUS 480V FDR 52-2113 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2113R	21B BUS 480V FDR 52-2113 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2412G	24A BUS 480V FDR 52-2412 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2412R	24A BUS 480V FDR 52-2412 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL52-2413G	24B BUS 480V FDR 52-2413 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL52-2413R	24B BUS 480V FDR 52-2413 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2B109/G	BKR 52-2109 TURB MCC 201AT	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B109/R	BKR 52-2109 TURB MCC 201AT	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B110/G1	21 SWGR HVAC UNIT (2MB110)/INDICATING LIGHT - STANDBY	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2JL2B110/R1	21 SWGR HVAC UNIT (2MB110)/INDICATING LIGHT - RUNNING	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2JL2B119/G	BKR 52-2119 REACTOR MCC 214R	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B119/R	BKR 52-2119 REACTOR MCC 214R	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B127/G	BKR 52-2127 BU PR HTR MCC209PH	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B127/R	BKR 52-2127 BU PR HTR MCC209PH	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B409/G	BKR 52-2409 REACTOR MCC 204R	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B409/R	BKR 52-2409 REACTOR MCC 204R	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B419/G	BKR 52-2419 TURBINE MCC 201BT	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B419/R	BKR 52-2419 TURBINE MCC 201BT	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B424/G1	22 SWGR HVAC UNIT (2MB424)/INDICATING LIGHT - STANDBY	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2JL2B424/R1	22 SWGR HVAC UNIT (2MB424)/INDICATING LIGHT - RUNNING	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2JL2B427/G	BKR52-2427 PRESS HTR MCC 211PH	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B427/R	BKR52-2427 PRESS HTR MCC 211PH	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL3615AG	MOV-615 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3615AR	MOV-615 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3616AG	MOV-616 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3616AR	MOV-616 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3617AG	MOV-617 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3617AR	MOV-617 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3625AG	MOV-625 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3625AR	MOV-625 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3626AG	MOV-626 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3626AR	MOV-626 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3627AG	MOV-627 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3627AR	MOV-627 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3635AG	MOV-635 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3635AR	MOV-635 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3636AG	MOV-636 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3636AR	MOV-636 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3637AG	MOV-637 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3637AR	MOV-637 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3645AG	MOV-645 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3645AR	MOV-645 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3646AG	MOV-646 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3646AR	MOV-646 HPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2ZL3647AG	MOV-647 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL3647AR	MOV-647 LPSI TO LOOP CNT. VLV	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2JL1581W	CNTMT CLR 21 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1582W1	CNTMT CLR 21 OUT VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1582W2	CNTMT CLR 21 OUT VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1584W	CNTMT CLR 22 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL1585W1	CNTMT CLR 22 OUT VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1585W2	CNTMT CLR 22 OUT VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1589W	CNTMT CLR 23 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1590W1	CNTMT CLR 23 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1590W2	CNTMT CLR 23 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1592W	CNTMT CLR 24 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1593W1	CNTMT CLR 24 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1593W2	CNTMT CLR 24 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1598W1	SPNT FUEL CLR 12 OUT VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL1598W2	SPNT FUEL CLR 12 OUT VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1599W1	SPNT FUEL CLR 12 INLT VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1599W2	SPNT FUEL CLR 12 INLT VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1600W1	NON-CRIT SERV WTR ISO VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1600W2	NON-CRIT SERV WTR ISO VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1637W1	NON-CRIT SERV WTR ISO VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1637W2	NON-CRIT SERV WTR ISO VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1638W1	TURBBLDG SERV WTR ISO VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1638W2	TURBBLDG SERV WTR ISO VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL1639W1	TURB LUBE & EHC SERWTR ISOL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1639W2	TURB LUB & EHC OIL SERWTR ISO	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1640W1	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2JL1640W2	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2JL2A109/G2	BKR 152-2109 SERV WATER PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A109/R2	BKR 152-2109 SERV WATER PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A111/G2	BKR 152-2111 SERV WATER PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A111/R2	BKR 152-2111 SERV WATER PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A409/G2	BKR 152-2409 SERV WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A409/R2	BKR 152-2409 SERV WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A411/G2	BKR 152-2411 SERV WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A411/R2	BKR 152-2411 SERV WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2XL1581W	CNTMT CLR 21 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL1584W	CNTMT CLR 22 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL1589W	CNTMT CLR 23 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL1592W	CNTMT CLR 24 INLT VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1570G	SERV WTR PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1570R	SERV WTR PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1571G	BKR 152-2409 SERV WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1571R	BKR 152-2409 SERV WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1581G	CNTMT CLR 21 INLT VLV LY	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1581R	CNTMT CLR 21 INLT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1582G	CNTMT CLR 21 OUT VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1582R	CNTMT CLR 21 OUT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1584G	CNTMT CLR 22 INLT VLV LY	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1584R	CNTMT CLR 22 INLT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1585G	CNTMT CLR 22 OUT VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1585R	CNTMT CLR 22 OUT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1589G	CNTMT CLR 23 INLT VLV LY	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1589R	CNTMT CLR 23 INLT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1590G	CNTMT CLR 23 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1590R	CNTMT CLR 23 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1592G	CNTMT CLR 24 INLT VLV LY	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1592R	CNTMT CLR 24 INLT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1593G	CNTMT CLR 24 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1593R	CNTMT CLR 24 OUTLT VLV CONTROL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1598G	SPNT FUEL CLR 12 OUT VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1598R	SPNT FUEL CLR 12 OUT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1599G	SPNT FUEL CLR 12 INLT VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1599R	SPNT FUEL CLR 12 INLT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1600G	TURB BLDG SERV WTR ISO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1600R	TURB BLDG SERV WTR ISO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1637G	TURB&EHC OIL SERV WTR ISO VLV	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1637R	TURB&EHC OIL SERV WTR ISO VLV	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1638G	TURBBLDG SERV WTR ISO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1638R	TURBBLDG SERV WTR ISO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1639G	TURB LUB & EHC OIL SRWTR ISO	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1639R	TURB LUB & EHC OIL SRWTR ISO	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL1640G	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1640G1	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL1640R	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1640R1	SRW SUB-SYS 21 ISO TO BD HX22	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2JL2A105/G2	BKR 152-2105 TO SALT WTR PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A105/R2	BKR 152-2105 TO SALT WTR PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A112/G2	BKR 152-2112 SALT WATER PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A112/R2	BKR 152-2112 SALT WATER PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A405/G2	BKR 152-2405 SALT WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A405/R2	BKR 152-2405 SALT WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A412/G2	BKR 152-2412 SALT WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A412/R2	BKR 152-2412 SALT WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2V5148/W1	STRAINER 21A POWER	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2JL2V5148/W2	STRAINER 21B POWER	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2JL2V5158/W1	STRAINER 22A POWER	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2V5158/W2	STRAINER 22B POWER	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2XL2V5148/A1	STRAINER 21A HI D/P	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2XL2V5148/A2	STRAINER 21B HI D/P	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2XL2V5158/A1	STRAINER 22A HI D/P	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2XL2V5158/A2	STRAINER 22B HI D/P	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5148/R1	STRAINER 21A FLUSHING	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5148/R2	STRAINER 21B FLUSHING	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5148/R3	STRAINER 21A VLV ALIGNMENT	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5148/R4	STRAINER 21B VLV ALIGNMENT	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL2V5158/R1	STRAINER 22A FLUSHING	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5158/R2	STRAINER 22B FLUSHING	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5158/R3	STRAINER 22A VALVE ALIGNMENT	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL2V5158/R4	STRAINER 22B VALVE ALIGNMENT	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E
2ZL5149G	EMERG SALT WTR DISCH LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2ZL5149R	EMERG SALT WTR DISCH LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2ZL5150G	21 SW SRW HX INL ZL	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E,PAM2
2ZL5150R	21 SW SRW HX INL ZL	Misc Electrical components (Lamps, etc)	CAL-AB-205	1E,PAM2
2ZL5152G	22 SW SRW HX INL ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5152R	22 SERV WTR HX INLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5153G	22 SERV WTR HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5153R	22 SERV WTR HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5154G	21A/21B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5154G1	21A/21B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5154R	21A/21B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5154R1	21A/21B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5155G	22 SERV WTR HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5155R	22 SERV WTR HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5156G	22 SERV WTR HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5156R	22 SERV WTR HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5157G	22A/22B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5157G1	22A/22B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5157R	22A/22B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5157R1	22A/22B SRW HX SW BYPASS VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5160G	21 COMP CLG HX INLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5160R	21 COMP CLG HX INLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5162G	22 COMP CLG HX INLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5162R	22 COMP CLG HX INLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5163G	22 COMP CLG HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5163R	22 COMP CLG HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5165G	22 COMP CLG HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5165R	22 COMP CLG HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5166G	22 COMP CLG OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5166R	22 COMP CLG OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5170G	21 ECCS PP RM HX INLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5170R	21 ECCS PP RM HX INLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5171G	21 ECCS PP RM HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5171R	21 ECCS PP RM HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5173G	22 ECCS PP RM HX INLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5173R	22 ECCS PP RM HX INLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5174G	22 ECCS PP RM HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5174R	22 ECCS PP RM HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5175G	22 ECCS PP RM HX OUTLET LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5175R	22 ECCS PP RM HX OUTLET LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5177G	22 ECCS PP RM HX SALT WTR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5177R	22 ECCS PP RM HX SALT WTR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5178G	22 ECCS PP RM HX SALT WTR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5178R	22 ECCS PP RM HX SALT WTR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5199G	SALT WTR PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5199R	SALT WTR PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5200G	BKR 152-2405 SALT WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5200R	BKR 152-2405 SALT WTR PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5201G1	BKR 152-2412 SALT WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5201G2	23 SALT WTR PP BUS 21 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5201R1	BKR 152-2412 SALT WTR PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5201R2	23 SALT WTR PP BUS 21 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5206G1	21 COMP CLG HX OUTLET LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5206G2	COMP CLG HX 21 SALT WTR OUT LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5206R1	21 COMP CLG HX OUTLET LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5206R2	COMP CLG HX 21 SALT WTR OUT LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5208G1	22 COMP CLG HX OUTLET LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5208G2	COMP CLG HX 22 SALT WTR OUT LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5208R1	22 COMP CLG HX OUTLET LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5208R2	COMP CLG HX 22 SALT WTR OUT LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5209G	SRW HX 21A SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5209R	SRW HX 21A SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5210G	21B SRW HX SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5210R	21B SRW HX SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5211G	SRW HX 22A SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5211R	SRW HX 22A SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5212G	22B SRW HX SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5212R	22B SRW HX SW OUT VLV ZL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B106/G2	BKR 52-2106 COMP COOLING PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B106/R2	BKR 52-2106 COMP COOLING PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B116/G2	BKR 52-2116 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B116/R2	BKR 52-2116 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B406/G	BKR 52-2406 COMP COOLING PP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B406/R	BKR 52-2406 COMP COOLING PP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B416/G1	BKR 52-2416 COMP CLG PP23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B416/R1	BKR 52-2416 COMPCLG PP23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NB116/G1	DISC SW 89-2116 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2NB116/R1	DISC SW 89-2116 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NB416/G	DISC SW 89-2416 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NB416/R	DISC SW 89-2416 COMP CLG PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL3824W1	21 COMP CLG HX DISCH VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3824W2	21 COMP CLG HX DISCH VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3826W1	COMP CLG HX 22 DISCH LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3826W2	COMP CLG HX 22 DISCH LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3828W1	S/D HX COMP CLG DISCH VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3828W2	S/D HX COMP CLG DISCH VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL3830W1	S/D HX 322 CLG DISCH VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3830W2	S/D HX 322 CLG DISCH VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3832W1	COMP CLG INTO CNTMT VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3832W2	COMP CLG INTO CNTMT VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3833W1	COMP CLG OTLT CNTMT ISOVLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3833W2	COMP CLG OTLT CNTMT ISOVLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3840W1	LIQ WST EVAP COMP CLG ISOL LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3840W2	LIQ WST EVAP COMP CLG ISOL LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL3842W1	COMP CLG TO LIQ WSTE LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL3842W2	COMP CLG TO LIQ WSTE LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3813G	COMP CLG PUMP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3813R	COMP CLG PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3815G	BKR 52-2406 COMP COOLING PP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3815R	BKR 52-2406 COMP COOLING PP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3817G1	23 COMP CLG PP BUS 21 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3817G2	23 COMP CLG PP BUS 24 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3817R1	23 COMP CLG PP BUS 21 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3817R2	23 COMP CLG PP BUS 24 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3824G	21 COMP CLG HX DISCH VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3824R	21 COMP CLG HX DISCH VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3826G	COMP CLG HX 22 DISCH LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3826R	COMP CLG HX 22 DISCH LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3828G	S/D HX COMP CLG DISCH VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3828R	S/D HX COMP CLG DISCH VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3830G	S/D HX #22 CLG DISCH VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3830R	S/D HX #22 CLG DISCH VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3832G	COMP CLG INTO CNTMT VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3832R	COMP CLG INTO CNTMT VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL3833G	COMP CLG OTLT CNTMT ISO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL3833R	COMP CLG OTLT CNTMT ISO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL3840G	LIQ WST EVAP COMP CLG ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3840R	LIQ WST EVAP COMP CLG ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3842G	COMP CLG TO LIQ WSTE LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3842R	COMP CLG TO LIQ WSTE LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2XL1921A	21 VITAL AC PANEL GND LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2XL1922A	22 VITAL AC PANEL GND LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL1923A	23 VITAL AC PANEL GND LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2XL1924A	24 VITAL AC PANEL GND LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1921W1	21 VITAL PANEL INVRTR POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1921W2	21 VITAL PANEL BACKUP POS LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1922W1	22 VITAL PANEL INVRTR POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1922W2	22 VITAL PANEL BACKUP POS LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1923W1	23 VITAL PANEL INVRTR POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL1923W2	23 VITAL PANEL BACKUP POS LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL1924W1	24 VITAL PANEL INVRTR POS LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1924W2	24 VITAL PANEL BACKUP POS LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL2080W1	INST AIR CNTMT ISOL VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2080W2	INST AIR CNTMT ISOL VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2B118/G2	BKR 52-2118 INSTR AIR COMPR 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B118/R2	BKR 52-2118 INSTR AIR COMPR 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B418/G	BKR 52-2418 INSTR AIR COMPR 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B418/R	BKR 52-2418 INSTR AIR COMPR 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B423/G	BKR 52-2423 PLT AIR COMPR 21	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B423/R	BKR 52-2423 PLT AIR COMPR 21	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5204W1	21 SALT WTR AIR COMP LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5204W2	21 SALT WTR AIR COMP LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5205W1	22 SALT WTR AIR COMP LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5205W2	22 SALT WTR AIR COMP LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL2B0405/G2	SW AIR COMPR 22 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2XL2B0405/R2	SALT WATER AIR COMPR 22 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2XL2B1405/G2	SALT WATER COMPR 21 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2XL2B1405/R2	SALT WATER COMPRESSOR 21 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-532	1E
2ZL2055G	PLANT AIR COMPRESSOR 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL2055R	PLANT AIR COMPRESSOR 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2063G	INSTR AIR COMPRESSOR 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2063R	INSTR AIR COMPRESSOR 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2065G	INSTR AIR COMPRESSOR 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2065R	INSTR AIR COMP 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2080AA	INST AIR CNTMT VLV CIS OVRD LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2080AB	INST AIR CNTMT VLV CIS OVRD LB	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL2080G1	INST AIR CNTMT ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL2080G2	INSTR AIR HDR U-2 CNTMT LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL2080R1	INST AIR CNTMT ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL2080R2	INSTR AIR HDR U-2 CNTMT LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL2Y0118/G	CTMT INSTR AIR HEADER CNTR	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL2Y0118/R	CTMT INSTR SIR HEADER CNTR	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2ZL5204G	21 SALT WTR AIR COMP LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5204R	21 SALT WTR AIR COMP LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5205G	22 SALT WTR AIR COMP LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5205R	22 SALT WTR AIR COMP LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2A103/G2	BKR 152-2103 FROM 2A DG	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A103/R2	BKR 152-2103 FROM 2A DG	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A106/G2	BKR 152-2106 FROM DIESEL 1B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A106/R2	BKR 152-2106 FROM DIESEL 1B	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A403/G2	2B DG BKR 152-2403	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A403/R2	2B DG BKR 152-2403	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A406/G2	BKR 152-2406 DSL OC	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A406/R2	BKR 152-2406 DSL OC	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B02AG	2A DG MCC 11G UV RY JL	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2JL2B02BG	2B DG MCC 2BG UV RY JL	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2DG2AA/A1	2A EDG SLOW START ENABLE	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2JL2DG2AAW	EDG 2A CNTR SWITCH IN LOCAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2JL2DG2BA/A1	2B EDG SLOW START ENABLE	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2JL2DG2BAW	DG 2B CNTR SWITCH IN LOCAL LW	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2XL152-2103AC	BKR 152-2103 FROM 2A DG AUTO CLOSE	Misc Electrical components (Lamps, etc)	CAL-AB-306	1E
2XL152-2103RS	BKR 152-2103 FROM 2A DG RATED SPEED	Misc Electrical components (Lamps, etc)	CAL-AB-306	1E
2XL152-2103RV	BKR 152-2103 FROM 2A DG RATED VOLTAGE	Misc Electrical components (Lamps, etc)	CAL-AB-306	1E
2XL152-2403AC	BKR 152-2403 DSL GEN 2B AUTO CLOSE	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2XL152-2403RS	BKR 152-2403 DSL GEN 2B RATED SPEED	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL152-2403RV	BKR 152-2403 DSL GEN 2B RATED VOLTAGE	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2XL2AD/W1	2A DG GEN XL - POTENTIAL	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2AD/W2	2A DG GEN XL - POTENTIAL XFMR 3	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2AD/W3	2A DG GEN XL - POTENTIAL XFMR 2	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2AD/W4	2A DG GEN XL - POTENTIAL XFMR 1	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2BAG02G	2A EDG FO PUMP MTR CNTRL	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2BAG02R	2A FO XFER PUMP MTR CNTRL	Misc Electrical components (Lamps, etc)	CAL-AB-422	1E
2XL2BBG02G	2B DG FO XFER PUMP MTR CNTRL XL	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2XL2BBG02R	2B DG FO XFER PUMP MTR CNTRL XL	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL2BD/W1	2B DG GEN XL - POTENTIAL XFMR 4	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2XL2BD/W2	2B DG GEN XL - POTENTIAL XFMR 3	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2XL2BD/W3	2B DG GEN XL - POTENTIAL XFMR 2	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2XL2BD/W4	2B DG GEN XL - POTENTIAL XFMR 1	Misc Electrical components (Lamps, etc)	CAL-AB-416	1E
2ZL152-2103G	2A DIESEL GEN FDR BKR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2103R	2A DIESEL GEN FDR BKR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2106G	0C DG BKR 152-2106 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2106R	0C DG BKR 152-2106 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2403G	2B DG BKR 152-2403	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL152-2403R	2B DG BKR 152-2403	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2406G	OC DG BKR 152-2406 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL152-2406R	OC DB BRK 152-2406 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL189-2103G	2A DG DISC SW 189-2103 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2103R	2A DG DISC SW 189-2103 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2106G	OC DG DISC SW 189-2106 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2106R	OC DG DISC SW 189-2106 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2403G	2B DG DISC SW 189-2403 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2403R	2B DG DISC SW 189-2403 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL189-2406G	OC DG DISC SW 189-2406 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL189-2406R	OC DG DISC SW 189-2406 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL406R	4 KV FEEDER BKR 152-2406	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL407R	4 KV FEEDER BKR 152-2407	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL408R	4 KV FEEDER BKR 152-2408	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL409R	4 KV FEEDER BKR 152-2409	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL410R	4 KV FEEDER BKR 152-2410	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL411R	4 KV FEEDER BKR 152-2411	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2ZL412R	4 KV FEEDER BKR 152-2412	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL413R	4 KV FEEDER BKR 152-2413	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B408/G	BKR 52-2408 CONT RM A/C COMP12	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B408/R	BKR 52-2408 CONT RM A/C COMP12	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2XL0410R	LAMP INDICATOR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2B117/G2	BKR 52-2117 MAIN PLT EXH FAN21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B117/R2	BKR 52-2117 MAIN PLT EXH FAN21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B125/G	BKR 52-2125 COMP RM HVAC	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B125/R	BKR 52-2125 COMP RM HVAC	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B417/G	BKR 52-2417 MAIN PLT EXH FAN22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B417/R	KR 52-2417 MAIN PLT EXH FAN22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL5404A-W1	22 ECCS PP RM CLG FAN LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5404A-W2	22 ECCS PP RM CLG FAN LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5404AG	WEST ECCS PP RM FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5404AR	WEST ECCS PP RM FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5404G	EAST ECCS PP RM FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E
2JL5404R	EAST ECCS PP RM FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E
2JL5404W1	21 ECCS PP RM CLG FAN LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5404W2	21 ECCS PP RM CLG FAN LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5406W1	21 ECCS PP RM EXH FAN LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5406W2	21 ECCS PP RM EXH FAN LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5407W1	22 ECCS PP RM EXH FAN LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5407W2	22 ECCS PP RM EXH FAN LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5408W1	ECCS PP RM FILTER 21 LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5408W2	ECCS PP RM FILTER 21 LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5426AG	2HVAC/A SWGR RM HVAC UNIT 22 FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E
2JL5426AG1	SWGR RM UNIT 22 JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E
2JL5426AR	2HVAC/A SWGR RM HVAC UNIT 22 FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5426AR1	SWGR RM UNIT 22 JL	Misc Electrical components (Lamps, etc)	CAL-AB-409	1E
2JL5426G	2HVAC/A SWGR RM HVAC UNIT 21 FAN JL	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5426G1	SWGR RM UNIT 21 JL	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5426R	1HVAC/A SWGR RM HVAC UNIT 21 FAN	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5426R1	SWGR RM UNIT 21 JL	Misc Electrical components (Lamps, etc)	CAL-AB-414	1E
2JL5470G	AFW PP RM FAN 21 JL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E
2JL5470R	AFW PP RM FAN 21 JL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E
2JL5471G	AFW PP RM FAN 22 JL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E
2JL5471R	AFW PP RM FAN 22 JL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5404AG	22 ECCS PP RM CLG FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5404AR	22 ECCS PP RM CLG FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5404G	21 ECCS PP RM CLG FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5404R	21 ECCS PP RM CLG FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5406G	21 ECCS PP RM EXH FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5406R	21 ECCS PP RM EXH FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5407G	22 ECCS PP RM EXH FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5407R	22 ECCS PP RM EXH FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5408G	ECCS PP RM FILTER 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5408R	ECCS PP RM FILTER 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5412G	21 MN EXH FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5412R	21 MN EXH FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5413G	22 MN EXH FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5413R	22 MN EXH FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5426AG	2 HVAC/A SWGR RM HVAC UNI	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2ZL5426AR	2 HVAC/A SWGR RM HVAC UNI	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2ZL5426G	2 HVAC/A SWGR RM HVAC UNI	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E
2ZL5426R	2 HVAC/A SWGR RM HVAC UNI	Misc Electrical components (Lamps, etc)	CAL-AB-526	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5470G	AFW PP RM FAN 21 XL	Misc Electrical components (Lamps, etc)	CAL-AB-225	1E
2ZL5470R	AFW PP RM FAN 21 XL	Misc Electrical components (Lamps, etc)	CAL-AB-225	1E
2ZL5471G	AFW PP RM FAN 22 XL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E
2ZL5471R	AFW PP RM FAN 22 XL	Misc Electrical components (Lamps, etc)	CAL-AB-204	1E
2JL2B104/G2	BKR 52-2104 CHARGING PUMP 13	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B104/R2	BKR 52-2104 CHARGING PUMP 13	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B115/G2	BKR 52-2115 CHARGING PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B115/R2	BKR 52-2115 CHARGING PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B404/G	BKR 52-2404 CHARGING PUMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B404/R	BKR 52-2404 CHARGING PUMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B415/G	BKR 52-2415 CHARGING PP22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B415/R	BKR 52-2415 CHARGING PP22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NB104/G1	DISC SW 89-2104 CHARGING PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NB104/R1	DISC SW 89-2104 CHARGING PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NB404/G	DISC SW 89-2404 CHARGING PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NB404/R	DISC SW 89-2404 CHARGING PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2XL0409G	21 BA STOR TK HTR B XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL0409R	21 BA STOR TK HTR B XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL0434G	22 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL0434R	22 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL1409G	21 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL1409R	21 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL1434G	22 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL1434R	22 BA STOR TK HTR A XL	Misc Electrical components (Lamps, etc)	CAL-AB-217	1E
2XL501W	VCT DISCH MOV501 LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL508W	22 BA TK FD MOV508 LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL509W	21 BA TK FD MOV509 LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL512W	VCT MAKEUP VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2XL514W	BA DIRECT MAKEUP LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL224X-G	CHARG PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224X-R	CHARG PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224Y-G	CHARG PP 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224Y-R	CHARG PP 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224Z-G	BKR 52-2404 CHARGING PUMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224Z-R	BKR 52-2404 CHARGING PUMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL224ZA-G	CHARG PP 23 BUS 21A LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL224ZA-R	CHARG PP 23 BUS 21A LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL226X-G	BORIC ACID PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL226X-R	BORIC ACID PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL226Y-G	BORIC ACID PP 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL226Y-R	BORIC ACID PP 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL269G	CHARG PP CONN HPSI AUX HDR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL269R	CHARG PP CONN HPSI AUX HDR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL501G	VCT DISCH MOV501 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL501R1	VCT DISCH MOV501 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL501R2	VCT DISCH MOV501 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL505G1	RCP BLDOFF OUT CNTMT VLV LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL505G2	RCP BLDOFF OUT CNTMT VLV LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL505R1	RCP BLDOFF OUT CNTMT VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL505R2	RCP BLDOFF OUT CNTMT VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL506G1	RCP BLDOFF IN CNTMT VLV LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL506G2	RCP BLDOFF IN CNTMT VLV LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL506R1	RCP BLDOFF IN CNTMT VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL506R2	RCP BLDOFF IN CNTMT VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL508G	22 BA TK FD MOV508 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL508R1	22 BA TK FD MOV508 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL508R2	22 BA TK FD MOV508 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL509G	21 BA TK FD MOV509 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL509R1	21 BA TK FD MOV509 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL509R2	21 BA TK FD MOV509 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL510G1	21 BAST RECIRC CV510 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL510G2	21 BAST RECIRC CV510 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL510R1	21 BAST RECIRC CV510 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL510R2	21 BAST RECIRC CV510 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL511G1	BA PP 21 RECIRC VLV LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL511G2	BA PP 21 RECIRC VLV LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL511R1	BA PP 21 RECIRC VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL511R2	BA PP 21 RECIRC VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL512G	VCT MAKEUP VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL512R1	VCT MAKEUP VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL512R2	VCT MAKEUP VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL514G	BA DIRECT MAKEUP LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL514R1	BA DIRECT MAKEUP LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL514R2	BA DIRECT MAKEUP LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL515G1	RX AUX LETDOWN STOP CV515 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL515G2	RX AUX LETDOWN STOP CV515 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL515R1	LETDOWN CNTMT ISOL CV515 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL515R2	RX AUX LETDOWN STOP CV515 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL516G1	LTDWN LINE CNTMT CV516 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL516G2	LTDWN LINE CNTMT CV516 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL516R1	LTDWN LINE CNTMT CV516 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL516R2	LTDWN LINE CNTMT CV516 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM1
2ZL517G1	AUX SPRAY LINE ISO CV 517 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL517G2	AUX SPRAY LINE ISO CV 517 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL517R1	AUX SPRAY LINE ISO CV 517 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL517R2	AUX SPRAY LINE ISO CV 517 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL518G1	CHARG LINE ISOL VLV LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL518G2	CHARG LINE ISOL VLV LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL518R1	CHARG LINE ISOL VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL518R2	CHARG LINE ISOL VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL519G1	CHARG LINE ISOL VLV LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL519G2	CHARG LINE ISOL VLV LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL519R1	CHARG LINE ISOL VLV LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL519R2	CHARG LINE ISOL VLV LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2JL2A104/G2	BKR 152-2104 TO LPSI PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A104/R2	BKR 152-2104 TO LPSI PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A108/G2	BKR 152-2108 HPSI PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A108/R2	BKR 152-2108 HPSI PP 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A110/G2	BKR 152-2110 HPSI PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2A110/R2	BKR 152-2110 HPSI PP 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2A404/G2	BKR 152-2404 LPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A404/R2	BKR 152-2404 LPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A408/G2	BKR 152-2408 HPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A408/R2	BKR 152-2408 HPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A410/G	BKR 152-2410 HPSI PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2A410/R	BKR 152-2410 HPSI PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NA110/B	HPSI PP 23 MOTOR OP DISC SW	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NA410/B	HPSI PMP 23 DISCONNECT	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL4144W1	CNTMT SUMP DISCHARGE VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4144W2	CNTMT SUMP DISCHARGE VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4145W1	CNTMT SUMP DISCH VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4145W2	CNTMT SUMP DISCH VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL301G2	SI HPSI PP 23 BKR 152-241	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301R2	SI HPSI PP 23 BKR 152-241	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301X-G	HPSI PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301X-R	HPSI PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301Y-G	BKR 152-2408 HPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL301Y-R	BKR 152-2408 HPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301Z1G	HPSI PMP 23 DISC BUS 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301Z1R	HPSI PMP 23 DISC BUS 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301Z2G	HPSI PP 23 DISC BUS 24 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301Z2R	HPSI PP 23 DISC BUS 24 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301ZG1	HPSI PMP 23 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301ZG2	BKR 152-2410 HPSI PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301ZR1	HPSI PMP 23 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL301ZR2	BKR 152-2410 HPSI PMP 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL302X-G	LPSI PP 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL302X-R	LPSI PP 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL302Y-G	BKR 152-2404 LPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL302Y-R	BKR 152-2404 LPSI PMP 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3615G	LPSI HDR 21B VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3615R	LPSI HDR 21B VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3616G	HPSI HDR 21B VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3616R	HPSI HDR 21B VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3617G	HPSI AUX HDR 21B VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3617R	HPSI AUX HDR 21B VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3625G	LPSI HDR 21A VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3625R	LPSI HDR 21A VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3626G	HPSI HDR 21A VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3626R	HPSI HDR 21A VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3627G	HPSI AUX HDR 21A VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3627R	HPSI AUX HDR 21A VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3635G	LPSI HDR 22B VALVE LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3635R	LPSI HDR 22B VALVE LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3636G	HPSI HDR 22B VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3636R	HPSI HDR 22B VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3637G	HPSI AUX HDR 22B LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3637R	HPSI AUX HDR 22B LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3645G	LPSI HDR 22A MOV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3645R	LPSI HDR 22A MOV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3646G	HPSI HDR 22A MOV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3646R	HPSI HDR 22A MOV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3647G	HPSI AUX HDR 22B LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3647R	HPSI AUX HDR 22B LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3651G	S/D CLG RET HDR ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3651R	S/D CLG RET HDR ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3652G	S/D CLG RET HDR VLV ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3652R	S/D CLG RET HDR VLV ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3653G	HPSI PPS DISCH X-CONN ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3653R	HPSI PPS DISCH X-CONN ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3654G	HPSI NORM HDR ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3654R	HPSI NORM HDR ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3655G	HPSI DISCH HDR X-CONN ISO LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3655R	HPSI PPS DISCH HDR X-CONN ISOL	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3656G	HPSI AUX HDR ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3656R	HPSI AUX HDR ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3659A	CS & SI PMPS RECIRC VLV LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL3659G	CS &SI PMPS RECIRC VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3659R1	CS & SI PMPS RECIRC VLV LR RENAMED FROM 2ZL3659R	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3659R2	SI PP RECIRC MOV 659VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3660A	CS & SI PMPS RECIRC VALVE LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL3660G	CS & SI PMPS RECIRC VALVE LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3660R1	SI PP RECIRC MOV660	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL3660R2	SI PP RECIRC MOV 660	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL399G	S/D CLG HX RECIRC ISOL MOV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL399R	S/D CLG HX RECIRC ISOL MOV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL4142G1	21 RWT OUTLET MOV4142	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4142G2	21 RWT OUTLET MOV 4142	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4142R1	21 RWT OUTLET MOV 4143	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4142R2	21 RWT OUTLET MOV 4142	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL4143G1	21 RWT OUTLET MOV4143	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4143G2	21 RWT OUTLET MOV 4143	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4143R1	21 RWT OUTLET MOV 4143	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4143R2	21 RWT OUTLET MOV 4143	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4144G	CNTMT SUMP DISCHARGE VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4144R	CNTMT SUMP DISCHARGE VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4145G	CNTMT SUMP DISCHARGE VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4145R	CNTMT SUMP DISCHARGE VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2JL2Q01/G-1	RX TRIP BKR 1 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2Q01/G-5	REACTOR TRIP BKR 5 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q01/R-1	RX TRIP BKR 1 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q01/R-5	REACTOR TRIP BKR 5 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/G-2	REACTOR TRIP BKR 2 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/G-6	REACTOR TRIP BKR 6 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/G-9	REACTOR TRIP BKR 9 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/R-2	REACTOR TRIP BKR 2 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/R-6	REACTOR TRIP BKR 6 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q02/R-9	REACTOR TRIP BKR 9 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2Q03/G-3	REACTOR TRIP BKR 3 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q03/G-7	REACTOR TRIP BKR 7 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q03/R-3	REACTOR TRIP BKR 3 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q03/R-7	REACTOR TRIP BKR 7 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q04/G-4	REACTOR TRIP BKR 4 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q04/G-8	REACTOR TRIP BKR 8 OPEN LG	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q04/R-4	REACTOR TRIP BKR 4 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL2Q04/R-8	REACTOR TRIP BKR 8 CLOSE LR	Misc Electrical components (Lamps, etc)	CAL-AB-302	1E
2JL5462W1	CNTMT NORM SMP DRN ISO VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5462W2	CNTMT NORM SMP DRN ISO VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL5463W1	CNTMT NORM SMP DRN ISO VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL5463W2	CNTMT NORM SMP DRN ISO VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL5462G	CNTMT NORM SMP DRN ISO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL5462R	CNTMT NORM SMP DRN ISO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL5463G	CNTMT NORM SUMP DRN ISO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL5463R	CNTMT NORM SUMP DRN ISO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL1410W1	CNTMT PURGE VLV 21 LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1410W2	CNTMT PURGE VLV 21 LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL1412W1	CNTMT PURGE EXH VLV 21 LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL1412W2	CNTMT PURGE EXH VLV 21 LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL2B102/G	BKR 52-2102 CONT AIR CLR 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B102/R	BKR 52-2102 CONT AIR CLR 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B105/G2	BKR 52-2105 CONT FILTER 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B105/R2	BKR 52-2105 CONT FILTER 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B114/G	BKR 52-2114 CONT COOLER 22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B114/R	BKR 52-2114 CONT COOLER 22	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B121/G2	BKR 52-2121 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2B121/R2	BKR 52-2121 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2B402/G	BKR 52-2402 CONT AIR CLR 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B402/R	BKR 52-2402 CONT AIR CLR 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B405/G	BKR 52-2405 CONT FILTER 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B405/R	BKR 52-2405 CONT FILTER 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B414/G	BKR 52-2414 CONT COOLER 24	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B414/R	BKR 52-2414 CONT COOLER 24	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B421/G1	BKR 52-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2B421/R1	BKR 52-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL2NB121/G2	DISC SW 89-2121 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NB121/R2	DISC SW 89-2121 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E
2JL2NB421/G	DISC SW 89-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL2NB421/R	DISC SW 89-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E
2JL5283W1	PENETRATION ROOM FAN 21 LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5283W2	PENETRATION ROOM FAN 21 LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5284W1	PENETRATION ROOM FAN 22 LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5284W2	PENETRATION ROOM FAN 22 LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5285W1	PENE RM FILT 21 ISOL DMPR LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5285W2	PENE RM FILT 21 ISOL DMPR LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5287W1	PENE RM FILT 22 ISO DMPR LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5287W2	PENE RM FILT 22 ISO DMPR LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313AW1	CNTMT PRESS XMTRS CH A LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313AW2	CNTMT PRESS XMTRS CH A LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313BW1	CTMT PRESS XMTR ISOL VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313BW2	CTMT PRESS XMTR ISOL VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313CW1	CTMT PRESS XMTR ISOL VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313CW2	CTMT PRESS XMTR ISOL VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL5313DW1	CTMT PRESS XMTR ISOL VLV LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2JL5313DW2	CTMT PRESS XMTR ISOL VLV LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1410G1	CNTMT PURGE VLV 21 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1410G2	21 CNTMT PRG SUP 1410 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1410R1	CNTMT PURGE VLV 21 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1410R2	21 CNTMT PRG SUP 1410 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1412G1	CNTMT PURGE EXH VLV 21 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1412G2	21 CNTMT PRG EXH 1412 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL1412R1	CNTMT PURGE EXH VLV 21 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL1412R2	21 CNTMT PRG EXH 1412 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5283G	PENETRATION ROOM FAN 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5283R	PENETRATION ROOM FAN 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5284G	PENETRATION ROOM FAN 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5284R	PENETRATION ROOM FAN 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL5285G	PENE RM FILT 21 ISOL DMPR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5285R	PENE RM FILT 21 ISOL DMPR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5287G	PENE RM FILT 22 ISO DMPR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5287R	PENE RM FILT 22 ISO DMPR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5293G	IODINE FILTER FAN 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5293R	IODINE FILTER FAN 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5295G	CNTMT FILT UNIT 22 BKR LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5295R	CNTMT FILT UNIT 22 BKR LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297AG	CNTMT CLG FAN 23 BUS 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297AR	CNTMT CLG FAN 23 BUS 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297BG	DISC SW 89-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297BR	DISC SW 89-2421 CONT FILTER 23	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297G1	CNTMT FILT FAN 23 BUS 21 LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5297G2	CNTMT FILT FAN 23 BUS 24 LG2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297R1	CNTMT FILT FAN 23 BUS 21 LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5297R2	CNTMT FILT FAN 23 BUS 24 LR2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5299A	CNTMT CLG FAN 21 LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5299G	CNTMT CLG FAN 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5299R	CNTMT CLG FAN 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5300A	CNTMT CLG FAN 22 LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5300G	CNTMT CLG FAN 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5300R	CNTMT CLG FAN 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5301A	CNTMT CLG FAN 23 LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5301G	CNTMT CLG FAN 23 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5301R	CNTMT CLG FAN 23 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5302A	CNTMT CLG FAN 24 LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5302G	CNTMT CLG FAN 24 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5302R	CNTMT CLG FAN 24 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313AG	CNTMT PRESS XMTRS CH A LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313AR	CNTMT PRESS XMTRS CH A LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313BG	CTMT PRESS XMTR ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5313BR	CTMT PRESS XMTR ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313CG	CTMT PRESS XMTR ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313CR	CTMT PRESS XMTR ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313DG	CTMT PRESS XMTR ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5313DR	CTMT PRESS XMTR ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL6900G	H2 CNTMT PURGE ISOL VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL6900R	H2 CNTMT PURGE ISOL VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL6901G	H2 CNTMT PURGE ISOL LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1
2ZL6901R	H2 CNTMT PURGE ISOL LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL6903G	2MOV6903 POSITION INDICATOR	Misc Electrical components (Lamps, etc)	CAL-AB-111	1E
2ZL6903R	2MOV6903 POSITION INDICATOR	Misc Electrical components (Lamps, etc)	CAL-AB-111	1E
2JL2B130/G	BKR 52-2130 PR HTR PROP CON 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E,PAM2
2JL2B130/R	BKR 52-2130 PR HTR PROP CON 21	Misc Electrical components (Lamps, etc)	CAL-AB-311	1E,PAM2
2JL2B430/G	BKR 52-2430 PR HTR PROP CON 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E,PAM2
2JL2B430/R	BKR 52-2430 PR HTR PROP CON 22	Misc Electrical components (Lamps, etc)	CAL-AB-407	1E,PAM2
2XL100-4G	BACKUP HTRS BANK 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-4R	BACKUP HTRS BANK 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-5G	BACKUP HTRS BANK 22 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2XL100-5R	BACKUP HTRS BANK 22 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-6G	BACKUP HTRS BANK 23 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-6R	BACKUP HTRS BANK 23 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-7G	BACKUP HTRS BANK 24 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2XL100-7R	BACKUP HTRS BANK 24 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	PAM2
2ZL100-1G	PROPOR HTRS BANK 21 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL100-1R	PROPOR HTRS BANK 21 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL100-2G	BKR 52-2430 PR HTR PROP CON 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL100-2R	BKR 52-2430 PR HTR PROP CON 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL103G	REACTOR VESSEL VENT SV 103 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL103R	REACTOR VESSEL VENT SV 103 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL104G	REACTOR VESSEL VENT SV 104 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL104R	REACTOR VESSEL VENT SV 104 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL105G	PZR VENT SV 105 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL105R	PZR VENT SV 105 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL106G	PZR VENT SV 106 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL106R	PZR VENT SV 106 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL403G	ERV 402 BLOCK VLV MOV 403 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL403R	ERV 402 BLOCK VLV MOV 403 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL405G	ERV 404 BLOCK VLV MOV 405 LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2ZL405R	ERV 404 BLOCK VLV MOV 405 LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,PAM2
2JL4010W	STM GEN 21 TOP BLD VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4011W	STM GEN 21 BOTTOM BLO VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4012W	STM GEN 22 TP BLO CONTR VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4013W	STM GEN 22 BOOTOM BLOW VLV LW	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4043W1	MSIV 21 POWER ON INDIC LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4043W2	MSIV 21 POWER ON INDIC LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2JL4048W1	MSIV 22 POWER ON INDIC LW1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2JL4048W2	MSIV 22 POWER ON INDIC LW2	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL4010A	STM GEN 21 TOP BLD VLV LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL4010G	STM GEN 21 TOP BLD VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4010R	STM GEN 21 TOP BLD VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4011A	STM GEN 21 BOTTOM BLO VLV LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL4011G	STM GEN 21 BOTTOM BLO VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4011R	STM GEN 21 BOTTOM BLO VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4012A	STM GEN 22 TP BLO CONTR VLV LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL4012G	STM GEN 22 TP BLO CONTR VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4012R	STM GEN 22 TP BLO CONTR VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4013A	STM GEN 22 BOTTOM BLOW VLV LA	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO
2ZL4013G	STM GEN 22 BOTTOM BLOW VLV LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4013R	STM GEN 22 BOTTOM BLOW VLV LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4043G	MSIV 21 CLOSED INDICATION LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4043R	MSIV 21 OPEN INDICATION LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4044A	MSIV 21 10% CLOSED POS'N INDIC	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL4048A	MSIV 22 10% CLOSED POS'N INDIC	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL4049G	MSIV 22 CLOSED INDICATION LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4049R	MSIV 22 OPEN INDICATION LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4070G	21 S/G ISOL VLV AFW PP 21 & 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4070R	21 S/G ISOL VLV AFW PP 21 & 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4071G	22 S/G ISOL VLV AFW PP 21 & 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL4071R	22 S/G ISOL VLV AFW PP 21 & 22	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E,SBO,PAM2
2ZL5429G	2A DG RM VENT FAN LG	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5429R	2A DG RM VENT FAN LR	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2ZL5437G1	DG DG RM VENT FAN LG1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2ZL5437R1	2B DG RM VENT FAN LR1	Misc Electrical components (Lamps, etc)	CAL-AB-405	1E
2SEQAL-XA34	21 4KV BUS LOCI/SDS	Misc Instrument and Control	CAL-AB-302	1E
2SEQBL-XA34	24 4KV BUS LOCI/SDS	Misc Instrument and Control	CAL-AB-302	1E
2DWRATU1	CH A HI PWR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU10	2 RPS CH A AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU2	CH A SUR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU3	2 RPS CH A LOW RX FLOW TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU4	2 RPS CH A LOW S/G LVL TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU5	2 RPS CH A LOW S/G PRESSU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU6	2 RPS CH A HI PZR PRESSUR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU7	2 RPS CH A TM/LP,ASGT TRI	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU8	2 RPS CH A LOL TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRATU9	CH A CTMT PRESS TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRAW10	2 RPS CH A AUX LOGIC ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW11	2 RPS CH A CAL & INDIC PA	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW12	2 RPS CH A TM/LP CALC DRA	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW15	2 RPS CH A AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW5	2 RPS CH A TRIP INHIBIT S	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW7	2 RPS AB MATRIX TEST MOD	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW8	2 RPS CH A PWR SUPP ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRAW9	2 RPS CH A TRIP UNIT INTE	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU1	CH B HI PWR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU10	2 RPS CH B AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU2	CH B SUR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU3	2 RPS CH B LOW RX FLOW TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU4	2 RPS CH B LOW S/G LVL TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU5	2 RPS CH B LOW S/G PRESSU	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRBTU6	2 RPS PZR PRESS TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU7	2 RPS TM/LP, ASGT TRIP UN	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU8	2 RPS CH B LOL TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBTU9	CH B CTMT PRESS TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW1	2 RPS CH A & B TRIP STATU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW10	2 RPS CH B AUX LOGIC ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW11	2 RPS CH B CAL & INDIC PN	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW12	2 RPS CH B TM/LP CALC DRA	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW15	2 RPS CH B AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW5	2 RPS CH B TRIP INHIBIT S	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW6	2 RPS BC MATRIX TEST MOD	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW7	2 RPS CBD MATRIX TEST MOD	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW8	2 RPS CH B PWR SUPP ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW9	2 RPS CH B TRIP UNIT INTE	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRCTU1	CH C HI PWR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU10	2 RPS CH C AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU2	CH C SUR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU3	2 RPS CH C LOW RX FLOW TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU4	2 RPS CH C LOW S/G LVL TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU5	2 RPS CH C LOW S/G PRESSU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU6	2 RPS CH C HI PZR PRESSUR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU7	2 RPS CH C TM/LP,ASGT TRI	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU8	2 RPS CH C LOL TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCTU9	CH C CTMT PRESS TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW1	2 RPS CH C & D TRIP STATU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW10	2 RPS CH C AUX LOGIC ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW11	2 RPS CH C CAL & INDIC PN	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW12	2 RPS CH C TM/LP CALC DRA	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRCW15	2 RPS CH C AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW5	2 RPS CH C TRIP INHIBIT S	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW6	2 RPS AC MATRIX TEST MOD	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW7	2 RPS CD MATRIX TEST MOD	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW8	2 RPS CH C PWR SUPP ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW9	2 RPS CH C TRIP UNIT INTE	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU1	CH D HI PWR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU10	2 RPS CH D AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU2	CH D SUR TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU3	2 RPS CH D LOW RX FLOW TR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU4	2 RPS CH D LOW SG LVL TRI	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU5	2 RPS CH D LOW SG PRESSUR	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU6	2 RPS CH D HI PRZR PRESSU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU7	2 RPS CH D TM/LP,ASGT TRI	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRDTU8	2 RPS CH D LOL TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDTU9	CH D CTMT PRESS TRIP UNIT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW10	2 RPS CH D AUX LOGIC ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW11	2 RPS CH D CAL & INDIC PN	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW12	2 RPS CH D TM/LP CALC DRA	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW15	2 RPS CH D AXIAL PWR DIST	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW5	2 RPS CH D TRIP INHIBIT S	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW6	2 RPS AD MATRIX TEST MODU	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW8	2 RPS CH D PWR SUPP ASSY	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW9	2 RPS CH D TRIP UNIT INTE	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRTTCP-A	2 RPS CH A TRIP TEST CABL	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRTTCP-B	2 RPS CH B TRIP TEST CABL	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRTTCP-C	2 RPS CH C TRIP TEST CABL	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRTTCP-D	2 RPS CH D TRIP TEST CABL	Nuclear Instrument Drawer	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DWRW2	2 NI CH A WIDE RANGE NEUT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRBW2	2 NI CH B WIDE RANGE NEUT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRCW2	2 NI CH C WIDE RANGE NEUT	Nuclear Instrument Drawer	CAL-AB-405	1E
2DWRDW2	2 NI CH D WIDE RANGE NEUT	Nuclear Instrument Drawer	CAL-AB-405	1E
2X2A01/1	13/4KV BUS 21 EI/SYNCH IN	Other	CAL-AB-311	1E
2X2A01/2	13/4KV BUS 21 U/V RY INST	Other	CAL-AB-311	1E
2X2A01/3	13/4KV BUS 21 U/V RY INST	Other	CAL-AB-311	1E
2X2A04/1	13/4KV BUS 24 EI/SYNCH IN	Other	CAL-AB-407	1E
2X2A04/2	13/4KV BUS 24 U/V RY INST	Other	CAL-AB-407	1E
2X2A04/3	13/4KV BUS 24 U/V RY INST	Other	CAL-AB-407	1E
2MOV4517	22 SG FW ISOL	Electric Motor/Servo (MOV)	CAL-AB-309	1E,PB,MOV,50.49,1M
2X2B01A	480V BUS 21A EI AND U/V RY INSTR XFMR	Other	CAL-AB-311	1E
2X2B01B	480V BUS 21B EI AND U/V RY INSTR XFMR	Other	CAL-AB-311	1E
2X2B04A	480V BUS 24A EI AND U/V RY INSTR XFMR	Other	CAL-AB-407	1E
2X2B04B	480V BUS 24B EI AND U/V RY INSTR XFMR	Other	CAL-AB-407	1E
2XU-440-21A	480V XFMR U-440-21A	Other	CAL-AB-311	1E
2XU-440-21B	480V XFMR U-440-21B	Other	CAL-AB-311	1E
2XU-440-24B	480V XFMR U-440-24B	Other	CAL-AB-407	1E
2X2P93-1	POWER PANEL 2P93 DISTRIBUTION XFMR (1KVA)	Other	CAL-AB-302	1E
2X2P93-2	POWER PANEL 2P93 DISTRIBUTION XFMR (1KVA)	Other	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2X2P94-1	POWER PANEL 2P94 DISTRIBUTION XFMR (1KVA)	Other	CAL-AB-302	1E
2X2P94-2	POWER PANEL 2P94 DISTRIBUTION XFMR (1KVA)	Other	CAL-AB-302	1E
2X2AD/140	2A DG GEN X - LOSS OF FI	Other	CAL-AB-422	1E
2X2AD/151	2A DG GEN X - GROUND OVE	Other	CAL-AB-422	1E
2X2AD/187	2A DG GEN X - DIFFERENTIAL PROTECTION (187)	Other	CAL-AB-422	1E
2X2AD/EI	2A DG GEN X - EI/SI	Other	CAL-AB-422	1E
2X2AD/EXCA	2A DG GEN X - EXCITATION	Other	CAL-AB-422	1E
2X2AD/EXCB	2A DG GEN X - EXCITATION	Other	CAL-AB-422	1E
2X2AD/EXCC	2A DG GEN X - EXCITATION	Other	CAL-AB-422	1E
2X2AD/JI	2A DG GEN X - JI	Other	CAL-AB-422	1E
2X2AD/WH	2A DG GEN X - WATT/HR	Other	CAL-AB-422	1E
2X2B02AG	2A DG MCC 2AG RY X	Other	CAL-AB-422	1E
2X2B02BG	2B DG MCC 21G BUS RY X	Other	CAL-AB-416	1E
2X2BD/140	2B DG GEN X - LOSS OF FI	Other	CAL-AB-416	1E
2X2BD/151	2B DG GEN X - GND OVERCU	Other	CAL-AB-416	1E
2X2BD/187	2B DG GEN X - DIFFERENTI	Other	CAL-AB-416	1E
2X2BD/EI	2B DG GEN X - REMOTE EI/	Other	CAL-AB-416	1E
2X2BD/EXCA	2B DG GEN X - EXCITATION	Other	CAL-AB-416	1E
2X2BD/EXCB	2B DG GEN X - EXCITATION	Other	CAL-AB-416	1E
2X2BD/EXCC	2B DG GEN X - EXCITATION	Other	CAL-AB-416	1E
2X2BD/JI	2B DG GEN X - REMOTE JI/	Other	CAL-AB-416	1E
2X2BD/WH	2B DG GEN X - LOCAL WATT-HR	Other	CAL-AB-416	1E
2X2DG2AC-T52	EXCIT REG CNTRL SAT XFMR	Other	CAL-AB-422	1E
2X2DG2BC-T52	EXCIT REG CNTRL SAT XFRM	Other	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PO5408-21	ECCS PP RM FILTER ISOL DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-204	1M
2PO5408-22	ECCS PP RM FILTER ISOL DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-204	1M
2PO5408-23	ECCS PP RM FILTER BYPASS DAMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-204	1M
2PO5408-24	ECCS PP RM FILTER BYPASS DAMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-204	1M
2PO5426	SWITCHGEAR RM SUPPLY DAMPERS	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-526	1M
2PO5426A	21 HVAC/A SWGR RM SUPP DAMP PISTON OPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-526	1M
2PO5426B	SWITCHGEAR RM SUPPLY DAMPERS	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-526	1M
2PO5439	SWTCGR RM EL 45 INLT DMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-407	1M
2PO5440	SWTCGR RM EL 45 INLT DMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-407	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PO5441	SWTCGR RM EL 45 OUTLT DMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-407	1M
2PO5442	SWTCGR RM EL 27 INLT DMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-312	1M,PB
2PO5443	SWTCGR RM EL 27 OUTLT DMPR	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-407	1M
2PO5287	PENETRATION RM FILTER 22 INLET	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-204	1M
2PO5429B	DIESEL RM 2A EXHAUST DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-422	1M
2MOV514	BAPP'S TO CHG PP SUCT DIR	Electric Motor/Servo (MOV)	CAL-AB-215	1E,PB,MOV,1M
2PO5430A	DIESEL RM 2A RECIRC DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-422	1M
2PO5438	DIESEL RM 2B SUPPLY DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-416	1M
2PO5438A	DIESEL RM 2B RECIRC DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-416	1M
2CV1565	SRW HD TK 22 AUTO FILL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV1579	SRW HD TK 21 AUTO FILL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	PB
2MOV4142OP	REFUELING WATER TANK DISCHARGE	Electric Motor/Servo (MOV)	CAL-AB-440	1E,MOV,1M
2CV1581OP	21 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1581OP	21 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1582	21 CAC EM DISCH	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1582OP	21 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M
2CV1582OP	21 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M
2CV1583	SERV WTR NORM OUT CNTMT CLR 21	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	PB
2CV1584	22 CAC NORM INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB
2CV1584OP	22 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB
2CV1584OP	22 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB
2CV1585	22 CAC EM DISCH	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M,PB
2CV1585OP	22 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M
2CV1585OP	22 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV1586	SERV WTR NORM OUT CNTMT CLR 22	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	PB
2CV1587	DIESEL CLR 2B SERV WTR INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-416	1M,PB
2CV1587OP	2 SRW INLET 2B EDG CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-416	1M,PB
2CV1587OP	2 SRW INLET 2B EDG CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-416	1M,PB
2CV1588	DIESEL CLR 2A SERV WTR INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-422	1M,PB
2CV1588OP	2A DG SRW SUPP VLV OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-422	1M,PB
2CV1589	23 CAC NORM INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1589OP	23 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1589OP	23 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1590	23 CAC EM DISCH	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV1590OP	23 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M
2CV1590OP	23 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M
2CV1591	SERV WTR NORM OUT CNTMT CLR 23	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	PB
2CV1592	24 CAC NORM INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV1592OP	24 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB
2CV1592OP	24 SRW CNTMT AIR CLR NORM	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-211	1M,PB
2CV1593	24 CAC EM DISCH	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M,PB
2CV1593OP	24 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M
2CV1593OP	24 SRW CNTMT AIR CLR EMER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M
2CV1594	SERV WTR NORM OUT CNTMT CLR 24	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	PB
2CV1598	SPNT FUEL CLR 12 SERV WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-320	1M,PB
2CV1598OP	12 SFP HX SRW INLET CV AC	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-320	1M
2CV1599	SPNT FUEL CLR 12 SERV WTR INLT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-320	1M,PB
2CV1599OP	12 SFP HX SRW OUTLET CV -	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-320	1M
2CV1600	TB SRW HDR 22 ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV1600OP	2 SRW TURB BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1600OP	2 SRW TURB BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1637OP	2 SRW TURB BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV1637OP	2 SRW TURB BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1638	TB SRW HDR 22 ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV1638OP	2 SRW TURB BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1639	TB SRW HDR 21 ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV1639OP	2 SRW TURN BLDG HDR ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1640	SRW SUB-SYS 21 ISO TO BD HX22	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV1640OP	VLV OPERATOR FOR VLV 2CV1640	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M
2CV1645	1B DG SUPP FROM U-2 SRW	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-224	1M,PB
2CV1646	1B DG RETN TO U-2 SRW	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-224	1M,PB
2CV5148	DIVERTER VALVE FOR 21A HX SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5148A	FLUSHING VALVE FOR 21A HX SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5148AOP	21A SRW HX SW STRAINER FLUSHING VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5148OP	21A SRW HX SW STRAINER DIVERTER VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5149	EMERG SW DISCH TO BAY	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-ISPR-INT2	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5149OP	2 EMER SW DISCH TO BAY CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-ISPR-INT2	1M,PB
2ERV402	PZR PWR OP RV	Electro Magnet Relief Valve	CAL-CTMT-229E	PB,SBO
2CV5150	21A/B SRW HX SW INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5150OP	21A/B SRW HX SW IN CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5150OP	21A/B SRW HX SW IN CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5151	DIVERTER VALVE FOR 21B SRW PHE SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5151A	FLUSHING VALVE FOR 21B SRW PHE SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5151AOP	21B SRW HX SW STRAINER FLUSHING VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5151OP	21B SRW HX SW STRAINER DIVERTER VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5152	22A/B SRW HX SW INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5152OP	22A/B SRW HX SW IN CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5152OP	22A/B SRW HX SW IN CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5153	22 SRW HX SW NORM B/U OUTLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5153OP	22 SW SRW HX NORM B/U OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5153OP	22 SW SRW HX NORM B/U OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5154	21A/21B SRW HX SW BYPASS VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5154OP	21A/21B SRW HX SW BYPASS VLV ACTUATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5155	22 SRW HX SW AUX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5155OP	22 SW SRW HX AUX OUT CV A	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5155OP	22 SW SRW HX AUX OUT CV A	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5156	22 SRW HX SW AUX B/U OUTLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5156OP	22 SW SRW HX AUX B/U OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5156OP	22 SW SRW HX AUX B/U OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5157	22A/22B SRW HX SW BYPASS VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5157OP	22A/22B SRW HX SW OUTLET VLV ACTUATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5158	DIVERTER VALVE FOR 22A PHE STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5158A	FLUSHING VALVE FOR 22A SRW PHE SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5158AOP	22A SRW HX SW STRAINER FLUSHING VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5158OP	22A SRW HX SW STRAINER DIVERTER VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5159	DIVERTER VALVE FOR 22B SRW PHE SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5159A	FLUSHING VALVE FOR 22B SRW PHE SW STRAINER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5159AOP	22B SRW HX SW STRAINER FLUSHING VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5159OP	22B SRW HX SW STRAINER DIVERTER VALVE OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5160	21 CC HX SW INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5160OP	21 SW COMP CLG HX INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5160OP	21 SW COMP CLG HX INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5162	22 CC HX SW INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5162OP	22 SW COMP CLG HX INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5162OP	22 SW COMP CLG HX INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5163	22 CC HX SW NORM B/U OUTLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5163OP	22 SW COMP CLG HX NORM B/	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5163OP	22 SW COMP CLG HX NORM B/	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5165	22 CC HX SW AUX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5165OP	22 SW COMP CLG HX AUX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5165OP	22 SW COMP CLG HX AUX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5166	22 CC HX SW AUX B/U OUTLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5166OP	22 SW COMP CLG HX AUX B/U	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5166OP	22 SW COMP CLG HX AUX B/U	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5170	ECCS PP RM AIR CLR 21 WTR IN	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5170OP	21 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5171	ECCS PP RM AIR CLR 21 WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5171OP	21 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5173OP	22 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5174	ECCS PP RM HTEX 22 SLT WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5174OP	22 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5175	ECCS PP RM AIR CLR 22 WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5175OP	22 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5177	ECCS PP RM AIR CLR 22 WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5177OP	22 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5178	ECCS PP RM AIR CLR 22 WTR OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5178OP	22 SW ECCS PP RM AIR CLR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5206	21 CC HX SW OUTLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5206OP	21 SW COMP CLG HX OUT CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5206OP	21 SW COMP CLG HX OUT CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5208	22 CC HX NORM OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5208OP	22 SW COMP CLG HX NORM OU	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5208OP	22 SW COMP CLG HX NORM OU	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV5209	21A SRW HX SW OUTLET VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5209OP	21A SRW HX SW OUTLET VLV ACTUATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5210	21B SRW HX SW OUTLET VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5210OP	21B SRW HX SW OUT VLV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5210OP	21B SRW HX SW OUT VLV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5211	22A SRW HX SW OUTLET VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5211OP	22A SRW HX SW OUTLET VLV ACTUATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5212	22B SRW HX SW OUT CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5212OP	22 SW SRW HX OUT CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV5212OP	22 SW SRW HX OUT CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2CV223	LETDOWN HTXR TEMP CONTROL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-322	PB
2CV3823	COMP CLG HTXR 21 BY-PASS	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV3823OP	21 CC HX TEMP CONTR CV OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3823OP	21 CC HX TEMP CONTR CV OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3824	21 CC HX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV3824OP	21 CC HX OUT CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3824OP	21 CC HX OUT CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV3825	COMP CLG HTXR 22 BY-PASS	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV3825OP	22 CC HX TEMP CONTR BYP C	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3825OP	22 CC HX TEMP CONTR BYP C	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3826	22 CC HX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV3826OP	22 CC HX OUT CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3826OP	22 CC HX OUT CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV3828	21 S/D CLG HX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-101	1M,PB
2CV3828OP	21 CC S/D CLG HX OUT CV O	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-101	1M
2CV3828OP	21 CC S/D CLG HX OUT CV O	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-101	1M
2CV3830	22 S/D CLG HX OUT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-102	1M,PB
2CV3830OP	22 CC S/D CLG HX OUT CV O	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-102	1M
2CV3830OP	22 CC S/D CLG HX OUT CV O	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-102	1M
2CV3832	COMP CLG INTO CONTAINMENT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB
2CV3832OP	2 CC CNTMT INL CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV3833	COMP CLG OUTLT CNTMT ISOL VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB
2CV3833OP	2 CC CNTMT OUT CV OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO
2CV3840	RCW EVAPS SUPP ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M,PB
2CV3840OP	2 CC LIQ WST EVAP INL ISO	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M
2CV3840OP	2 CC LIQ WST EVAP INL ISO	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M
2CV3842	RCW EVAPS SUPP ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M,PB
2CV3842OP	2 CC LIQ WST EVAP INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M
2CV3842OP	2 CC LIQ WST EVAP INL CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-419	1M
2CV5426	SWITCHGEAR ROOM UNIT NO 2 CONT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	1M
2CV5426A	SWITCHGEAR ROOM UNIT NO 2 CONT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-311	1M
2CV5426AOP	2 HVAC/A SWGR RM CONTROL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-311	1M
2CV5426OP	2 HVAC/A SWGR RM CONTROL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	1M
2CV5427	SWITCHGEAR ROOM UNIT NO 2 CONT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	1M
2CV5427A	SWITCHGEAR ROOM UNIT NO 2 CONT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-311	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5427AOP	2 HVAC/A SWGR RM CONTROL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-311	1M
2CV5427OP	2 HVAC/A SWGR RM CONTROL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-526	1M
2CV110P	L/D CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-322	PB
2CV110Q	L/D CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-322	PB
2CV210Y	BA TO VOL CONT TANK CONT VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-215	PB
2CV505	RCP CBO CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M,SBO,PB
2CV505OP	RC PUMP BLEEDOFF CONTAINMENT ISOLATION OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M,SBO
2CV505OP	RC PUMP BLEEDOFF CONTAINMENT ISOLATION OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-321	1M,SBO
2CV510	BA PMP 21 RECIRC CONTROL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-215	1M,PB
2CV510OP	21 BAPP RECIRC OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-215	1M
2CV511	BA PMP 22 RECIRC CONTROL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-215	1M,PB
2CV511OP	22 BAPP RECIRC OPER	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-215	1M
2CV512	BA-DW TO VOL CONT TNK ISOL VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-212	1M,PB
2CV512OP	MAKE-UP STOP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-212	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV306	LPSI FLOW CONTROL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2CV306OP	LPSI FLOW CONTROL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2CV306OP	LPSI FLOW CONTROL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M
2FANHVACPENETE 21	21 PENET RM EXH FAN	Fan	CAL-AB-204	1M,PB
2FANHVACSWGRS2 1	21 SWGR RM SPLY FAN	Fan	CAL-AB-526	1M,PB
2CV3938	22 MS HDR ATMOS DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV3938OP	22 MS HDR ADV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV3938OP	22 MS HDR ADV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV3938OP	22 MS HDR ADV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV3939OP	21 MS HDR ADV CV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV3939OP	21 MS HDR ADV CV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV4010	STM GEN 21 TOP BLO CONT VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB
2CV4010OP	21 MS S/G SURFACE BD CV A	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO
2CV4011	STM GEN 21 BOTTOM BLO CONT VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV4011OP	21 MS S/G BOTTOM BD CV AC	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO
2CV4012	STM GEN 22 TOP BLO CONT VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB
2CV4012OP	22 MS S/G SURFACE CV ACTU	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO
2CV4013	STM GEN 22 BOTTOM BLO CONT VLV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO,PB
2CV4013OP	22 MS S/G BOTTOM BD CV AC	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,SBO
2CV4042A	MSIV 21 CH.A HYDR DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4042AOP	21 MS CH.A HYD DUMP CLOSE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4042B	MSIV 21 CH.B HYDR DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4042BOP	21 MS CH.B HYD DUMP CLOSE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2FANHVACCTCLR21	CONTAINMENT COOLER 21 FAN	Fan	CAL-CTMT-229S	PB
2CV4043OP	21 MS ISOL VLV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4043OP	21 MS ISOL VLV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4047A	MSIV 22 CH.A HYDR DUMP (CLOSE)	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4047AOP	22 MS CH.A HYD DUMP CLOSE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV4047B	MSIV 22 CH.B HYDR DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4047BOP	22 MS CH.B HYD DUMP CLOSE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO
2CV4048	22 MSIV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4048OP	22 MS ISOL VLV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4048OP	22 MS ISOL VLV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2FANHVACCTCLR22	CONTAINMENT COOLER 22 FAN	Fan	CAL-CTMT-229S	PB
2CV4071	S/G 22 MS WITH HS IN AUTO	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4071A	MS 2-CV-4071 BYPASS CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4071AOP	MS 2-CV-4071A VALVE OPERA	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4071AOP	MS 2-CV-4071A VALVE OPERA	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4071OP	22 MS SUPP STM TO AFW TUR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4071OP	22 MS SUPP STM TO AFW TUR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2RV1575	SERV WTR HTEX 21 SHELL RELIEF	Pressure Relief	CAL-AB-205	PB
2RV1576	21B PHE SERVICE WATER RV	Pressure Relief	CAL-AB-205	1M
2RV1577	SERV WTR HTEX 22 SHELL RELIEF	Pressure Relief	CAL-AB-205	PB
2RV1578	22B PHE SERVICE WATER RV	Pressure Relief	CAL-AB-205	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RV1587	2B DG SRW INL RV	Pressure Relief	CAL-AB-416	PB
2RV1588	2A DG SRW INL RV	Pressure Relief	CAL-AB-422	PB
2RV1598	SPNT FUEL CLR 12 SHELL RELIEF	Pressure Relief	CAL-AB-320	PB
2RV4084	BLOWDOWN HEAT EXCHR 22 TUBE	Pressure Relief	CAL-AB-206	PB
2RV5205	ECCS PMP RM 21 CLR SALT WTR IN	Pressure Relief	CAL-AB-101	PB
2RV5206	SALT WTR FROM COMP CLG HTEX 21	Pressure Relief	CAL-AB-201	PB
2RV5207	ECCS PMP RM 22 CLR SALT WTR IN	Pressure Relief	CAL-AB-102	PB
2RV5208	SALT WTR FROM COMP CLG HTEX 22	Pressure Relief	CAL-AB-201	PB
2RV5209	21A SRW HX SW IN HDR RV	Pressure Relief	CAL-AB-205	1M
2RV5210	21B SRW HX SW RV	Pressure Relief	CAL-AB-205	1M,PB
2RV5211	22A SRW HX SW IN HDR RV	Pressure Relief	CAL-AB-205	1M
2RV5212	22B SRW HX SW RV	Pressure Relief	CAL-AB-205	1M,PB
2RV3823	COMP CLG HTEX 21 SHELL	Pressure Relief	CAL-AB-201	PB
2RV3825	COMP CLG HTEX 22 SHELL	Pressure Relief	CAL-AB-201	PB
2RV3827	COMP CLG INLT SD HTEX 21	Pressure Relief	CAL-AB-101	PB
2RV3829	COMP CLG INLT SD HTEX 22	Pressure Relief	CAL-AB-102	PB
2RV3831	COMP CLG INLT LETDWN HTEX 21	Pressure Relief	CAL-AB-322	PB
2RV2058	AFW AIR HEADER RV	Pressure Relief	CAL-AB-205	PB
2RV4070	RV FOR 2ACC4070	Pressure Relief	CAL-AB-205	PB
2RV4070A	RV FOR IA TO 2CV4070/4070A	Pressure Relief	CAL-AB-205	PB
2RV4071	RV FOR 2ACC4071	Pressure Relief	CAL-AB-205	PB
2RV4071A	RV FOR IA TO 2CV4071/4071A	Pressure Relief	CAL-AB-205	PB
2RV5200	SALT WTR AIR COMP 21 RECEIVER	Pressure Relief	CAL-AB-205	PB
2RV5200A	21A SWAC DISCHARGE RELIEF VALVE	Pressure Relief	CAL-AB-205	PB
2RV5200B	21B SWAC DISCHARGE RELIEF VALVE	Pressure Relief	CAL-AB-205	PB
2RV5201	SALT WTR AIR COMP 22 RECEIVER	Pressure Relief	CAL-AB-205	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RV5201A	22A SWAC DISCHARGE RELIEF VALVE	Pressure Relief	CAL-AB-205	PB
2RV5201B	22B SWAC DISCHARGE RELIEF VALVE	Pressure Relief	CAL-AB-205	PB
2RV6301A	AFW AIR RCVR 21A RV	Pressure Relief	CAL-AB-205	PB
2RV6301B	AFW AIR RCVR 21B RV	Pressure Relief	CAL-AB-205	PB
2RV4775	2A DG TURBCHG CHG LO	Pressure Relief	CAL-AB-422	PB
2RV4777	2B DG TURBCHG CHG LO	Pressure Relief	CAL-AB-416	PB
2RV4778	2A DG ENG DRIVEN LUBE PP	Pressure Relief	CAL-AB-422	PB
2RV4779	2A DG MOTOR DRIVEN LUBE OIL PUMP	Pressure Relief	CAL-AB-422	PB
2RV4780	2A DG AUX LUBE OIL PUMP	Pressure Relief	CAL-AB-422	PB
2RV4794	2B DG ENG DRIVEN LUBE PUMP	Pressure Relief	CAL-AB-416	PB
2RV4795	2B DG MOTOR DRIVE L O PMP	Pressure Relief	CAL-AB-416	PB
2RV4796	2B DG AUX L O PUMP	Pressure Relief	CAL-AB-416	PB
2RV4814	2A DG FUEL OIL TRANSFER PUMP DISCH	Pressure Relief	CAL-AB-422	PB
2RV4818	2A DG FUEL OIL PUMP DISCH.	Pressure Relief	CAL-AB-422	PB
2RV4824	2B DG FO TRANS PMP DISCH	Pressure Relief	CAL-AB-416	PB
2RV4828	2B DG FUEL OIL PMP DISCH	Pressure Relief	CAL-AB-416	PB
2RV4830	2A DG AIR RESEVOIR A	Pressure Relief	CAL-AB-422	PB
2RV4831	2A DG AIR RESEVOIR B	Pressure Relief	CAL-AB-422	PB
2RV4838	2B DG WEST AIR RESEVOIR	Pressure Relief	CAL-AB-416	PB
2RV4839	2B DG EAST AIR RESEVOIR	Pressure Relief	CAL-AB-416	PB
2RV5428-1	21 SWGR HVAC CKT1 CNDSR RV	Pressure Relief	CAL-AB-ARF	PB
2RV5428-2	21 SWGR HVAC CKT2 CNDSR RV	Pressure Relief	CAL-AB-ARF	PB
2RV5428A1	22 SWGR HVAC CKT1 CNDSR RV	Pressure Relief	CAL-AB-ARF	PB
2RV5428A2	22 SWGR HVAC CKT2 CNDSR RV	Pressure Relief	CAL-AB-ARF	PB
2RV125	BORIC ACID PUMP 21 RECIRC LINE	Pressure Relief	CAL-AB-215	PB
2RV132	BA STORAGE TANK 21 DISCHARGE	Pressure Relief	CAL-AB-215	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RV133	BORIC ACID PUMP 21 DISCHARGE	Pressure Relief	CAL-AB-215	PB
2RV141	BORIC ACID TANK 22 DISCHARGE	Pressure Relief	CAL-AB-215	PB
2RV149	BORIC ACID PUMP 22 RECIRC LINE	Pressure Relief	CAL-AB-215	PB
2RV150	BORIC ACID PUMP 22 DISCHARGE	Pressure Relief	CAL-AB-215	PB
2RV157	BORIC ACID PUMPS DISCHARGE HDR	Pressure Relief	CAL-AB-215	PB
2RV160	BORIC ACID STRAINER INLET	Pressure Relief	CAL-AB-215	PB
2RV171	BORIC ACID STRAINER OUTLET	Pressure Relief	CAL-AB-215	PB
2RV194	BA-DW ISOLATION VALVE INLET	Pressure Relief	CAL-AB-215	PB
2RV311	CHARGING PUMPS SUCTION HEADER	Pressure Relief	CAL-AB-105B	PB
2RV315	CHARGING PUMP 21 SUCTION	Pressure Relief	CAL-AB-105A	PB
2RV318	CHARGING PUMP 22 SUCTION	Pressure Relief	CAL-AB-105B	PB
2RV321	CHARGING PUMP 23 SUCTION	Pressure Relief	CAL-AB-105C	PB
2RV324	CHARGE PMP 23 DISCH RELIEF	Pressure Relief	CAL-AB-105C	PB
2RV325	CHARGING PUMP 22 DISCHARGE	Pressure Relief	CAL-AB-105B	PB
2RV326	CHARGING PUMP 23 DISCHARGE	Pressure Relief	CAL-AB-105A	PB
2RV407	S I BLEED OFF HEADER	Pressure Relief	CAL-AB-201	PB
2RV409	HPSI MAIN HDR RELIEF VLV	Pressure Relief	CAL-AB-102	PB
2RV4164	21 RWT HEAT EXCHANGE RELIEF VALVE	Pressure Relief	CAL-AB-440	PB
2RV430	S/D CLG TO HPSI PUMP 23 SUCT	Pressure Relief	CAL-AB-102	PB
2RV3992	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3993	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3994	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3995	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3996	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3997	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV3998	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2RV3999	STM GEN 21 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4000	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4001	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4002	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4003	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4004	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4005	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4006	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV4007	STM GEN 22 MAIN STEAM RELIEF	Pressure Relief	CAL-AB-309	1M,SBO,PB
2RV6318	STEAM GENERATORS NITROGEN RV	Pressure Relief	CAL - TURB	PB
2PCV1581A	SPARE	Regulator	CAL-AB-310	1M,PB
2PCV1581B	A/S TO 2CV1581	Regulator	CAL-AB-310	1M,PB
2PCV1584A	SPARE	Regulator	CAL-AB-211	1M,PB
2PCV1584B	A/S TO 2CV1584	Regulator	CAL-AB-211	1M,PB
2PCV1587	A/S TO 2CV1587	Regulator	CAL-AB-416	1M,PB
2PCV1587A	A/S TO 2PDIC1587	Regulator	CAL-AB-416	1M,PB
2PCV1588	A/S TO 2CV1588	Regulator	CAL-AB-422	1M,PB
2PCV1588A	A/S TO 2PDIC1588	Regulator	CAL-AB-422	1M,PB
2PCV1589A	SPARE	Regulator	CAL-AB-310	1M,PB
2PCV1589B	A/S TO 2CV1589	Regulator	CAL-AB-310	1M,PB
2PCV1592A	SPARE	Regulator	CAL-AB-211	1M,PB
2PCV1592B	A/S TO 2CV1592	Regulator	CAL-AB-211	1M,PB
2PCV1598	A/S TO 2CV1598	Regulator	CAL-AB-320	1M
2PCV1599	A/S TO 2CV1599	Regulator	CAL-AB-320	1M
2PCV1600	A/S TO 2CV1600 TB SRW HDR 22 ISOL	Regulator	CAL-AB-205	1M,PB
2PCV1637	A/S TO 2CV1637	Regulator	CAL-AB-205	1M

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PCV1638	A/S TO 2CV1638 TB SRW HDR 22 ISOL	Regulator	CAL-AB-205	1M
2PCV1639	A/S TO 2CV1639	Regulator	CAL-AB-205	1M
2PCV1639	A/S TO 2CV1639	Regulator	CAL-AB-205	1M
2P/P5154	2CV5154 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2P/P5157	2CV5157 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2P/P5209	2CV5209 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2P/P5210	2CV5210 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2P/P5211	2CV5211 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2P/P5212	2CV5212 A/S VOLUME BOOSTER	Regulator	CAL-AB-205	1M,PB
2PCV5148	21A SRW HX STRAINER DIVERTER CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5148A	21A SRW HX STRAINER FLUSHING CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5149	2PCV5149 AIR SUPPLY	Regulator	CAL - ISPR	SRQ
2PCV5150	2CV5150 AIR SUPPLY	Regulator	CAL-AB-205	1M,PB
2PCV5151	21B SRW HX STRAINER DIVERTER CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5151A	21B SRW HX STRAINER FLUSHING CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5152	2CV5152 AIR SUPPLY	Regulator	CAL-AB-205	1M,PB
2PCV5153	2CV5153 AIR SUPPLY	Regulator	CAL-AB-205	1M,PB
2PCV5154	21A/21B SRW HX SW BYPASS CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5154A	21A & 21B SRW HX'S SW BYPASS CV 2I/P5154 AIR PCV	Regulator	CAL-AB-205	1M,PB
2PCV5155	2CV5155 AIR SUPPLY	Regulator	CAL-AB-205	1M,PB
2PCV5156	2CV5156 AIR SUPPLY	Regulator	CAL-AB-205	1M,PB
2PCV5157	22A/22B SRW HX SW BYPASS CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5157A	22A/22B SRW HX BYPASS I/P TRANSDUCER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5158	22A SRW HX STRAINER DIVERTER CV PCV	Regulator	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PCV5158A	22A SRW HX STRAINER FLUSHING CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5159	22B SRW HX STRAINER DIVERTER CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5159A	22B SRW HX STRAINER FLUSHING CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5160	A/S TO 2CV5160	Regulator	CAL-AB-201	1M,PB
2PCV5162	2CV5162 AIR SUPPLY	Regulator	CAL-AB-201	1M,PB
2PCV5163	2CV5163 AIR SUPPLY	Regulator	CAL-AB-201	1M,PB
2PCV5165	2CV5165 AIR SUPPLY	Regulator	CAL-AB-201	1M,PB
2PCV5166	2CV5166 AIR SUPPLY	Regulator	CAL-AB-201	1M,PB
2PCV5170	A/S TO 2CV5170	Regulator	CAL-AB-201	1M,PB
2PCV5171	A/S TO 2CV5171	Regulator	CAL-AB-201	1M,PB
2PCV5173	A/S TO 2CV5173	Regulator	CAL-AB-201	1M,PB
2PCV5174	A/S TO 2CV5174	Regulator	CAL-AB-201	1M,PB
2PCV5175	A/S TO 2CV5175	Regulator	CAL-AB-201	1M,PB
2PCV5177	A/S TO 2CV5177	Regulator	CAL-AB-201	1M,PB
2PCV5178	A/S TO 2CV5178	Regulator	CAL-AB-201	1M,PB
2PCV5206A	A/S TO 2CV5206OP	Regulator	CAL-AB-201	1M,PB
2PCV5206B	A/S TO CV5206 I/P	Regulator	CAL-AB-201	1M,PB
2PCV5208A	A/S TO CV5208 POS	Regulator	CAL-AB-201	1M,PB
2PCV5208B	A/S TO CV5208 I/P	Regulator	CAL-AB-201	1M,PB
2PCV5209	21A SRW HX SW OUTLET CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5209A	21A SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5209A	21A SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5210A	21B SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5210A	21B SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5211	22A SRW HX SW OUTLET CV PCV	Regulator	CAL-AB-205	1M,PB
2PCV5211A	22A SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PCV5211A	22A SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5212A	22B SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV5212A	22B SRW HX SW OUTLET CONTROLLER PCV	Regulator	CAL-AB-205	1M,PB
2PCV3823A	A/S TO 2CV3823 TIC	Regulator	CAL-AB-201	1M
2PCV3823B	A/S TO 2CV3823 POS	Regulator	CAL-AB-201	1M
2PCV3824	A/S TO 2CV3824	Regulator	CAL-AB-201	1M
2PCV3825A	A/S TO 2CV3825 TIC	Regulator	CAL-AB-201	1M
2PCV3825B	A/S TO 2CV3825 POS	Regulator	CAL-AB-201	1M
2PCV3826	A/S TO 2CV3826	Regulator	CAL-AB-201	1M
2PCV3828	A/S TO 2CV3828	Regulator	CAL-AB-101	1M
2PCV3830	A/S TO 2CV3830	Regulator	CAL-AB-102	1M
2PCV3840	A/S TO 2CV3840	Regulator	CAL-AB-419	1M
2PCV3842	A/S TO 2CV3842	Regulator	CAL-AB-419	1M
2PCV2060	A/S TO 2PUMP2058	Regulator	CAL-AB-205	1M,PB
2PCV2060	A/S TO 2PUMP2058	Regulator	CAL-AB-205	PB
2PCV2060	A/S TO 2PUMP2058	Regulator	CAL-AB-205	PB
2PCV4070	AFW 2CV4070 PRESSURE REGULATOR	Regulator	CAL-AB-205	1M,PB
2PCV4071	AFW 2CV4071 PRESSURE REGULATOR	Regulator	CAL-AB-205	1M,PB
2PCV4510	INSTR AIR SUPPL ACCUM 21A	Regulator	CAL-AB-205	1M,PB
2PCV4520	INSTR AIR SUPPL ACCUM 21B	Regulator	CAL-AB-205	1M,PB
2PCV5200A	21 SWAC LOADER/UNLOADER	Regulator	CAL-AB-205	1M,PB
2PCV5201A	22 SWAC LOADER/UNLOADER	Regulator	CAL-AB-205	1M,PB
2PCV5210	21B HX SW OUT CV AIR REG	Regulator	CAL-AB-205	1M,PB
2PCV5212	22B HX SW OUT CV AIR REG	Regulator	CAL-AB-205	1M,PB
2PCV2A-DSA-4810	HYD UNLOADER VLV 2A EDG AIR START COMP	Regulator	CAL-AB-422	PB

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PCV2A-DSA-4811	CYLINDER UNLOADER VLV 2A EDG AIR START COMP	Regulator	CAL-AB-422	PB
2PCV2B-DSA-4812	HYD UNLOADER VLV 2B EDG AIR SART COMP	Regulator	CAL-AB-416	PB
2PCV2B-DSA-4813	CYLINDER UNLOADER VLV 2B EDG AIR START COMP	Regulator	CAL-AB-416	PB
2PCV4810	HYDRAULIC UNLOADER ASSEMBLY	Regulator	CAL-AB-422	1M,PB
2PCV4812	HYDRAULIC UNLOADER ASSEMBLY	Regulator	CAL-AB-416	1M,PB
2PCV4823	2A DG REAR MAIN BEARING OIL BOOSTER AIR REGULATOR	Regulator	CAL-AB-422	PB
2PCV4825	2B DG REAR MAIN BEARING OIL BOOSTER AIR REGULATOR	Regulator	CAL-AB-416	PB
2PCV505	A/S TO 2CV505	Regulator	CAL-AB-321	1M
2PCV510	A/S TO 2CV510	Regulator	CAL-AB-215	1M
2PCV511	A/S TO 2CV511	Regulator	CAL-AB-215	1M
2PCV512	A/S TO 2CV512	Regulator	CAL-AB-212	1M
2PCV306	A/S TO 2CV306	Regulator	CAL-AB-201	1M
2FANHVACCTCLR23	CONTAINMENT COOLER 23 FAN	Fan	CAL-CTMT-229S	PB
2PCV3938A	2I/P3938 IA SUPPLY	Regulator	CAL-AB-408	PB
2PCV3938B	2CV3938 VLV POS SUPPLY	Regulator	CAL-AB-408	PB
2FANHVACCTCLR24	CONTAINMENT COOLER 24 FAN	Fan	CAL-CTMT-229S	PB
2PCV4010	A/S TO 21 S/G SURFACE BD CV	Regulator	CAL-AB-310	1M
2PCV4011	A/S TO 21 S/G BOTTOM BD CV	Regulator	CAL-AB-310	1M
2PCV4012	A/S TO 22 S/G SURFACE BD CV	Regulator	CAL-AB-310	1M
2PCV4013	A/S TO 22 S/G BOTTOM BD CV	Regulator	CAL-AB-310	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PCV4056A	A/S TO 2I/P4056A	Regulator	CAL-AB-430	PB
2PCV4056B	A/S TO 2I/P4056B	Regulator	CAL-AB-430	PB
2PCV4070A	A/S TO 2CV4070/4070A	Regulator	CAL-AB-205	1M,PB
2PCV4071A	A/S TO 2CV4071/4071A	Regulator	CAL-AB-205	1M,PB
2PCV5430	AIR SUPPLY TO 2A DG VENT DAMPER	Regulator	CAL-AB-422	1M
2PCV5438	IA SUPPLY TO 2B DG HVAC CONTROLS PRESSURE CONTROL VALVE	Regulator	CAL-AB-416	1M
2RES2D04F-1000	125D BATT 21 REMOTE AMMETER SHUNT	Resistor	CAL-AB-305	1E
2RES2D04L-1000	125D BATT 21 LOCAL AMMETER SHUNT	Resistor	CAL-AB-305	1E
2RES2D100/2K-1	125VDC BUS 21 GND DET RESISTOR	Resistor	CAL-AB-405	PAM2
2RES2D100/2K-2	125VDC BUS 21 GND DET RES	Resistor	CAL-AB-405	PAM2
2RES2D10F-1000	125D BATT 22 REMOTE AMMETER SHUNT	Resistor	CAL-AB-307	1E
2RES2D10L-1000	125D BATT 22 LOCAL AMMETER SHUNT	Resistor	CAL-AB-307	1E
2RES2V313A/1K	CONT PRESS TRANSM CH A ISOL	Resistor	CAL-AB-405	1E
2RES2V313B/1K	PRESS XMTR ISOL VLV ALARM CKT	Resistor	CAL-AB-405	1E
2RES2V313C/1K	PRESS XMTR ISOL VLV ALARM CKT	Resistor	CAL-AB-405	1E
2RES2V313D/1K	PRESS XMTR ISOL VLV ALARM CKT	Resistor	CAL-AB-405	1E
2SV1581	CNTMT CLR 21 SERV WTR INLT VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,PB,50.49
2SV1582	CNTMT CLR 21 SERV WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-310	1E,50.49
2SV1584	CNTMT CLR 22 SERV WTR INLT VLV	Solenoid Valve that Controls another Component	CAL-AB-211	1E,PB,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV1585	CNTMT CLR 22 OUT VLV CONTROL	Solenoid Valve that Controls another Component	CAL-AB-321	1E,50.49
2SV1587	2B DG CLR SRW IN CNTRL VLV SOL	Solenoid Valve that Controls another Component	CAL-AB-416	1E
2SV1588	2A DG CLR SRW IN CNTR VLV SOL	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV1588	2A DG CLR SRW IN CNTR VLV SOL	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV1589	CNTMT CLR 23 INLT VLV CONTROL	Solenoid Valve that Controls another Component	CAL-AB-310	1E,PB,50.49
2SV1590	CNTMT CLR 23 OUTLT VLV CONTROL	Solenoid Valve that Controls another Component	CAL-AB-310	1E,50.49
2SV1592	CNTMT CLR 24 INLT VLV CONTROL	Solenoid Valve that Controls another Component	CAL-AB-211	1E,PB,50.49
2SV1593	CNTMT CLR 24 OUT VLV CONTROL	Solenoid Valve that Controls another Component	CAL-AB-321	1E,50.49
2SV1598	SPNT FUEL CLR 12 OUT VLV CONT	Solenoid Valve that Controls another Component	CAL-AB-320	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV1599	SPENT FUEL CLR 12 SERV WATER INLET	Solenoid Valve that Controls another Component	CAL-AB-320	1E
2SV1600	TURB BLDG SERV WTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV1637	TURB&EHC OIL SERV WTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV1638	TURBBLDG SERV WTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV1639	TURB LUB & EHC OIL SERWTR ISO	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV1640	SRW SUB-SYS 21 ISO TO BD HX22	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV5148	21A SRW HX STRAINER DIVERTER	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5148A	21B SRW HX STRAINER FLUSHING SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5150	21A/B SRW HX SW INLET CV'S SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5151	21B SRW HX STRAINER DIVERTER	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5151A	21B SRW HX STRAINER FLUSHING SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5152	22A/B SRW HX SW INLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	PB
2SV5153	SERV WTR HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5154	21A/21B SRW HX SW BYPASS SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5154	21A/21B SRW HX SW BYPASS SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5154A	21A/21B SRW HX SW BYPASS SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5155	SERV WTR HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5156	22 SRW HX AUX B/U OUT SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5157	22A/22B SRW HX SW BYPASS SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5157A	21A/21B SRW HX SW BYPASS SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5158	22A SRW HX STRAINER DIVERTER	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5158A	22A SRW HX STRAINER FLUSHING CV SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5159	22B SRW HX STRAINER DIVERTER	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5159A	22B SRW HX STRAINER FLUSHING SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5160	COMP CLG HTEX 21 SALT WTR INLT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5162	COMP CLG HTEX 22 SALT WTR INLT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5163	COMP CLG HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5165	COMP CLG HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5166	COMP CLG HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5170	ECCS PP RM AIR CLR 21 WTR IN	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5171	ECCS PP RM AIR CLR 21 WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5173	ECCS PP RM AIR CLR 22 WTR IN	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5174	ECCS PP RM HTEX 22 SLT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5175	ECCS PP RM AIR CLR 22 WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5177	ECCS PP RM CLR 22 WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5178	ECCS PP RM AIR CLR 22 WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5206	COMP CLG HTEX 21 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5206A	COMP CLG HTEX 21 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5208	COMP CLG HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5208A	COMP CLG HTEX 22 SALT WTR OUT	Solenoid Valve that Controls another Component	CAL-AB-201	1E,PB,50.49
2SV5209	21A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5209A	21A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5209A	21A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5210	21B SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5210A	21B SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5210A	21B SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5211	22A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5211A	22A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5211A	22A SRW HX SW OUTLET SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5212	22B SRW HX SW OUT SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5212A	22B SRW HX SW OUT SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV5212A	22B SRW HX SW OUT SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E,PB
2SV3824	COMP CLG HTEX 21 DISCH VLV	Solenoid Valve that Controls another Component	CAL-AB-201	1E,50.49
2SV3826	COMP CLG HTEX 22 DISCH CONTROL	Solenoid Valve that Controls another Component	CAL-AB-201	1E,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV3828	SD HETX 21 COOL WTR DISCH VLV	Solenoid Valve that Controls another Component	CAL-AB-101	1E,50.49
2SV3828	SD HETX 21 COOL WTR DISCH VLV	Solenoid Valve that Controls another Component	CAL-AB-101	1E,50.49
2SV3830	S/D HX #22 COMP CLG DISCH VLV	Solenoid Valve that Controls another Component	CAL-AB-102	1E,50.49
2SV3832	COMP CLG INTO CNTMT VLV CONT	Solenoid Valve that Controls another Component	CAL-AB-310	1E,50.49
2SV3833	COMP CLG OUTLT CNTMT ISOL CONT	Solenoid Valve that Controls another Component	CAL-AB-310	1E,50.49
2SV3840	LIQ WST EVAP COMP CLG ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-419	1E
2SV3842	COMP CLG TO LIQ WSTE EVAP ISOL	Solenoid Valve that Controls another Component	CAL-AB-419	1E
2SV2DG2AA/GOV	2A DG GOVERNOR SHUTDOWN SOL	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV2DG2BA/GOV	2B EDG GOVERNOR S/D SOL	Solenoid Valve that Controls another Component	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV4830	2A DG AIR START VALVE (AS1)	Solenoid Valve that Controls another Component	CAL-AB-422	1E,PB
2SV4831	2A DG AIR START VALVE (AS2)	Solenoid Valve that Controls another Component	CAL-AB-422	1E,PB
2SV4832	2A DG AIR START VALVE (AS2)	Solenoid Valve that Controls another Component	CAL-AB-422	1E,PB
2SV4838	EDG 2B DG AIR START VALVE (AS1)	Solenoid Valve that Controls another Component	CAL-AB-416	1E,PB
2SV4839	EDG 2B AIR START VALVE (AS2)	Solenoid Valve that Controls another Component	CAL-AB-416	1E,PB
2SV4840	DG 2B AIR START VENT VLV (AV)	Solenoid Valve that Controls another Component	CAL-AB-416	1E,PB
2SV5334	SERVICE WATER HTEX RM OUTLET	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV5335	2 HVAC/A SRW HX RM INL SV	Solenoid Valve that Controls another Component	CAL-AB-205	1E
2SV5408	ECCS PP RM FILTER ISOL DAMPER	Solenoid Valve that Controls another Component	CAL-AB-204	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5408A	ECCS PP RM FILTER BYPASS DAMPR	Solenoid Valve that Controls another Component	CAL-AB-204	1E
2SV5426-1	21 SWGR HVAC CKT1 LIQUID LINE SV	Solenoid Valve that Controls another Component	CAL-AB-526	1E,PB
2SV5426-2	21 SWGR HVAC CKT2 LIQUID LINE SV	Solenoid Valve that Controls another Component	CAL-AB-526	1E,PB
2SV5426A1	22 SWGR HVAC CKT1 LIQUID LINE SV	Solenoid Valve that Controls another Component	CAL-AB-526	1E,PB
2SV5426A2	22 SWGR HVAC CKT2 LIQUID LINE SV	Solenoid Valve that Controls another Component	CAL-AB-526	1E,PB
2SV5440	SWTCGR RM EL 45 OUTLT DMPR SOL	Solenoid Valve that Controls another Component	CAL-AB-407	1E
2SV5440	SWTCGR RM EL 45 OUTLT DMPR SOL	Solenoid Valve that Controls another Component	CAL-AB-407	1E
2SV5442	SWTCGR RM EL 27 OUTLT DMPR SOL	Solenoid Valve that Controls another Component	CAL-AB-312	1E
2SV5442	SWTCGR RM EL 27 OUTLT DMPR SOL	Solenoid Valve that Controls another Component	CAL-AB-312	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5470	AUX FD WTR PUMP RM A/C UNIT	Solenoid Valve that Controls another Component	CAL-AFWPR-605	1E,PB
2SV5471	AUX FD WTR PUMP RM A/C UNIT	Solenoid Valve that Controls another Component	CAL-AFWPR-605	1E,PB
2SV505	RC PUMP BLEED CONTAINMENT ISOL	Solenoid Valve that Controls another Component	CAL-AB-321	1E,SBO,50.49
2SV505	RC PUMP BLEED CONTAINMENT ISOL	Solenoid Valve that Controls another Component	CAL-AB-321	1E,SBO,50.49
2SV510	21 BAST RECIRC CV510	Solenoid Valve that Controls another Component	CAL-AB-215	1E
2SV511	BORIC ACID ST TK 22 RECIRC VLV	Solenoid Valve that Controls another Component	CAL-AB-215	1E
2SV512	BA-DW TO VOL CONT TNK ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-212	1E,50.49
2SO2NA110/42X	HPSI PP 23 MOTOR OP DISC SW	Solenoid Valve that Controls another Component	CAL-AB-311	1E
2SO2NA410/42X	HPSI PUMP 23 DISCONNECT	Solenoid Valve that Controls another Component	CAL-AB-407	1E
2FAN0448A	ECCS PP RM CLR 22 FAN A	Fan	CAL-AB-102	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5285	PENETRATION RM FILT 21 DAMPERS	Solenoid Valve that Controls another Component	CAL-AB-204	1E
2SV5287	PENETRATION RM FILT 22 DAMPERS	Solenoid Valve that Controls another Component	CAL-AB-204	1E
2SV5313B	CHAN B CTMT PRES XMTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-409	1E,PB
2SV5313C	CHAN C CTMT PRES XMTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-414	1E,PB
2SV5313D	CHAN D CTMT PRES XMTR ISOL VLV	Solenoid Valve that Controls another Component	CAL-AB-414	1E,PB
2SV3938	SG22 ATM DMP 2CV3938 QUICK OPN	Solenoid Valve that Controls another Component	CAL-AB-408	PB
2SV3938	SG22 ATM DMP 2CV3938 QUICK OPN	Solenoid Valve that Controls another Component	CAL-AB-408	PB
2SV3939	SG21 ATM DMP 2CV3939 QUICK OPN	Solenoid Valve that Controls another Component	CAL-AB-408	PB
2SV3939	SG21 ATM DMP 2CV3939 QUICK OPN	Solenoid Valve that Controls another Component	CAL-AB-408	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV4010	STM GEN 21 TOP BLO CONTROL VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,50.49
2SV4011	STM GEN 21 BOTTOM BLO CONT VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,50.49
2SV4012	STM GEN 22 TOP BLO CONTROL VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,50.49
2SV4013	STM GEN 22 BOTTOM BLO CONT VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,50.49
2SV4042A	MSIV 21 CH A HYDR DUMP SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4042B	MSIV 21 CH B HYDR DUMP SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4043	MSIV 21 AIR SUPPLY SOLENOID	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4045A	MSIV 21 CH A EXERCISE SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,50.49
2SV4045B	MSIV 21 CH B EXERCISE SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV4047A	MSIV 22 CH A HYDR DUMP SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4047B	MSIV 22 CH B HYDR DUMP SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4048	MSIV 22 AIR SUPPLY SOLENOID	Solenoid Valve that Controls another Component	CAL-AB-309	1E,SBO,50.49
2SV4050A	MSIV 22 CH A EXERCISE SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,50.49
2SV4050B	MSIV 22 CH B EXERCISE SOL VLV	Solenoid Valve that Controls another Component	CAL-AB-309	1E,50.49
2SV4070	21 S/G ISOL VLV AFW PP 21 & 22	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,PB,50.49
2SV4070A	AFW PMPS STM SUPP SG21 BYP VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,PB,50.49
2SV4071	22 S/G ISOL VLV AFW PP 21 & 22	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,PB,50.49
2SV4071A	AFW PMPS STM SUPP SG22 BYP VLV	Solenoid Valve that Controls another Component	CAL-AB-310	1E,SBO,PB,50.49

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2SV5429	2A DG RM EXHAUST DAMPER	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV5429	2A DG RM EXHAUST DAMPER	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV5430	2A DG RM SUPPLY DMPRS	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV5430	2A DG RM SUPPLY DMPRS	Solenoid Valve that Controls another Component	CAL-AB-422	1E
2SV5437	HVAC/A DIESEL GEN RM 2B	Solenoid Valve that Controls another Component	CAL-AB-416	1E
2SV5438	DG RM 2B SUPPL DMPRS	Solenoid Valve that Controls another Component	CAL-AB-416	1E
2BS5151	21B PHE INLET SW STRAINER	Strainer	CAL-AB-205	1M,PB
2BS5158	22A PHE INLET SW STRAINER	Strainer	CAL-AB-205	1M,PB
2BS5159	22B PHE INLET SW STRAINER	Strainer	CAL-AB-205	1M,PB
2BS5205	ECCS PP RM CLR 21 SALT WTR IN	Strainer	CAL-AB-101	1M,PB
2BS5207	ECCS PP RM CLR 22 SALT WTR IN	Strainer	CAL-AB-101	1M,PB
2BS4779	2A DG LO CLR DISCH STRAIN	Strainer	CAL-AB-422	1M,PB
2BS4795	2B DG LO CLR DISCH STRAIN	Strainer	CAL-AB-416	1M,PB
2BS4818	2A DG FO STRAINER	Strainer	CAL-AB-422	1M,PB
2BS4828	2B DG FO STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4778	2A DG LUBE OIL PUMP STRAINER	Strainer	CAL-AB-422	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2YS4779	2A DG LO PP STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4780	2A DG LO SUMP LVL STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4794	2B DG LO PMP STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4795	2B DG LO PMP STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4796	2B DG LO PMP STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4814	2A DG FUEL OIL STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4818	2A DG FUEL OIL STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4824	2B DG FO TRANSFER STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4828	2B DG FO STRAINER	Strainer	CAL-AB-416	1M,PB
2YS4830	2A DG W START AIR STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4831	2A DG START AIR STRAINER	Strainer	CAL-AB-422	1M,PB
2YS4838	2B DG FO START AIR STRAIN	Strainer	CAL-AB-416	1M,PB
2YS4839	2B DG FO START AIR STRAIN	Strainer	CAL-AB-416	1M,PB
2BS209	BORIC ACID TO VOL CONTROL TK	Strainer	CAL-AB-215	PB
2DISC2D03L	125V BATTERY 21 NEG LINK	Switch	CAL-AB-305	1E,SBO
2DISC2D04L	125V BATTERY 21 POS LINK	Switch	CAL-AB-305	1E,SBO
2DISC2D09L	125V BATTERY 22 NEG LINK	Switch	CAL-AB-307	1E,SBO
2DISC2D10L	125V BATTERY 22 POS LINK	Switch	CAL-AB-307	1E,SBO
2DISC2D1101	ISOPHASE BUS ANNUN 2C77	Switch	CAL-AB-302	1E
2DISC2D1102	SERV TRANS PROT CHAN 2 2C40E	Switch	CAL-AB-302	1E
2DISC2D1103	RCP BUS 21P 2H03	Switch	CAL-AB-302	1E
2DISC2D1104	CONTROL ROOM 2C08	Switch	CAL-AB-302	1E
2DISC2D1105	CONTROL ROOM 2C07	Switch	CAL-AB-302	1E
2DISC2D1106	CONTROL ROOM 1C20 (SPARE)	Switch	CAL-AB-302	1E
2DISC2D1107	4.16KV SERV TRANS CONT 1X06	Switch	CAL-AB-302	1E
2DISC2D1108	SERV & UNIT TRANS CONT 1FP04	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1109	U-22000-21 UNIT TRANSFMR ANNUN & CONTROL POWER	Switch	CAL-AB-302	1E
2DISC2D1110	SPARE	Switch	CAL-AB-302	1E
2DISC2D1111	CONTROL ROOM 2C23	Switch	CAL-AB-302	1E
2DISC2D1112	CONTROL ROOM 2C24A	Switch	CAL-AB-302	1E
2DISC2D1113	CONTROL ROOM 2C24A	Switch	CAL-AB-302	1E
2DISC2D1114	NSB OLD ELECT SHOP(SPARED)	Switch	CAL-AB-302	1E
2DISC2D1115	4KV UNIT BUS 21 (EMERGENCY USE ONLY) DISCONNECTED AT 2A01 (SPARE)	Switch	CAL-AB-302	1E
2DISC2D1116	4KV UNIT BUS 22 2A02	Switch	CAL-AB-302	1E
2DISC2D1117	480V UNIT BUS 21A 2B01A	Switch	CAL-AB-302	1E
2DISC2D1118	480V UNIT BUS 22A 2B02A	Switch	CAL-AB-302	1E
2DISC2D1119	480V UNIT BUS 25 2B05	Switch	CAL-AB-302	1E
2DISC2D1120	REACTOR TRIP BKR 2Q01A	Switch	CAL-AB-302	1E
2DISC2D1121	HOT INST SHOP DISCONNECT	Switch	CAL-AB-302	1E
2DISC2D1122	UNIT PROT CHAN 2 UNIT 2 2C40B	Switch	CAL-AB-302	1E
2DISC2D1123	SPARE	Switch	CAL-AB-302	1E
2DISC2D1124	TURB GEN BRG SPRAY SYS 1FP15	Switch	CAL-AB-302	1E
2DISC2D1201	RCP BUS 21P 2H03	Switch	CAL-AB-302	1E
2DISC2D1202	RCP BUS 22P 2H04	Switch	CAL-AB-302	1E
2DISC2D1203	4KV UNIT BUS 21 2A01	Switch	CAL-AB-302	1E
2DISC2D1204	4KV UNIT BUS 22 2A02	Switch	CAL-AB-302	1E
2DISC2D1205	DG 2A ENG CONTR 2C62D & 2C62D	Switch	CAL-AB-302	1E
2DISC2D1206	480V UNIT BUS 25 2B05	Switch	CAL-AB-302	1E
2DISC2D1207	480V UNIT BUS 21A 2B01A	Switch	CAL-AB-302	1E
2DISC2D1208	480V UNIT BUS 21B 2B01B	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1209	480V UNIT BUS 22A 2B02A	Switch	CAL-AB-302	1E
2DISC2D1210	480V UNIT BUS 22B 2B02B	Switch	CAL-AB-302	1E
2DISC2D1211	SPARE	Switch	CAL-AB-302	1E
2DISC2D1212	SPARE	Switch	CAL-AB-302	1E
2DISC2D1213	SPARE	Switch	CAL-AB-302	1E
2DISC2D1214	SPARE	Switch	CAL-AB-302	1E
2DISC2D1301	MAIN CONTROL ROOM PANEL 2C10	Switch	CAL-AB-302	1E
2DISC2D1302	MAIN CONTROL ROOM PANEL 2C13	Switch	CAL-AB-302	1E
2DISC2D1303	NET POWER OUTPUT PANEL 1C64	Switch	CAL-AB-302	1E
2DISC2D1304	U-2 TURB TRIP PANEL 2T14	Switch	CAL-AB-302	1E
2DISC2D1305	AUX FEEDWATER PANEL 1C04	Switch	CAL-AB-302	1E
2DISC2D1306	MAIN CONTROL ROOM PANEL 2C03	Switch	CAL-AB-302	1E
2DISC2D1307	500KV SPARE TRANS 2X64	Switch	CAL-AB-302	1E
2DISC2D1308	SG FDP TURB OIL PMP TEST 2C65	Switch	CAL-AB-302	1E
2DISC2D1309	SEALOIL,SGFP21&22 DELUGE 1FP06	Switch	CAL-AB-302	1E
2DISC2D1310	U-22000-22 UNIT TRANSFMR ANNUN & CONTROL POWER	Switch	CAL-AB-302	1E
2DISC2D1311	CONTROL PANEL 1T22	Switch	CAL-AB-302	1E
2DISC2D1312	TURBINE GENERATOR BEARING SPRAY SYSTEM 1FP16	Switch	CAL-AB-302	1E
2DISC2D1313	CONTROL PANEL 2T22	Switch	CAL-AB-302	1E
2DISC2D1314	P13000-2 & EDG 21 DELUGE 1FP02	Switch	CAL-AB-302	1E
2DISC2D1315	MAIN CNTR ROOM PANEL 2C06/2C07	Switch	CAL-AB-302	1E
2DISC2D1316	MAIN CONTROL ROOM PANEL 2C09	Switch	CAL-AB-302	1E
2DISC2D1317	480V UNIT BUS 21B 2B01B	Switch	CAL-AB-302	1E
2DISC2D1318	480V UNIT BUS 22B 2B02B	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1319	AUX FEEDWATER SYS 2C04	Switch	CAL-AB-302	1E
2DISC2D1320	SG BLOWDOWN SAMPLING 2C90	Switch	CAL-AB-302	1E
2DISC2D1321	U-2 SYNCHRONIZING PANEL 1C29	Switch	CAL-AB-302	1E
2DISC2D1322	BA HEAT TRACING REC 2C98A	Switch	CAL-AB-302	1E
2DISC2D1323	U-2 ANNUNCIATOR 2K01 & 2K02	Switch	CAL-AB-302	1E
2DISC2D1324	RCP BUS 22P 2H04	Switch	CAL-AB-302	1E
2DISC2D1401	SPARE	Switch	CAL-AB-302	1E
2DISC2D1402	CNTR RM EMER LGT 1L27	Switch	CAL-AB-302	1E
2DISC2D1403	OSCILLOGRAPH 1C23	Switch	CAL-AB-302	1E
2DISC2D1404	SPARE	Switch	CAL-AB-302	1E
2DISC2D1405	U-1 RX TRP BKR 4 & 8 CNTR PWR	Switch	CAL-AB-302	1E
2DISC2D1406	U-2 RX TRP BKR 4 & 8 CNTR PWR	Switch	CAL-AB-302	1E
2DISC2D1407	CTMT PRESS XMTR VLV 2SV5313D	Switch	CAL-AB-302	1E
2DISC2D1408	CTMT PRESS XMTR VLV 1SV5313D	Switch	CAL-AB-302	1E
2DISC2D1409	SPARE	Switch	CAL-AB-302	1E
2DISC2D1410	SPARE	Switch	CAL-AB-302	1E
2DISC2D1411	SPARE	Switch	CAL-AB-302	1E
2DISC2D1412	SPARE	Switch	CAL-AB-302	1E
2DISC2D1501	SPARE	Switch	CAL-AB-302	1E
2DISC2D1502	GEN & XFMR RELAY PANEL 2C40D	Switch	CAL-AB-302	1E
2DISC2D1503	2B DG GENERATOR CNTR PNL	Switch	CAL-AB-302	1E
2DISC2D1504	2B ENGINE CNTR PNL 2C61D	Switch	CAL-AB-302	1E
2DISC2D1505	MAIN CONTROL ROOM PANEL 2C09	Switch	CAL-AB-302	1E
2DISC2D1506	MAIN CONTROL ROOM PANEL 2C10	Switch	CAL-AB-302	1E
2DISC2D1507	AUX FEEDWATER SYS 2C04	Switch	CAL-AB-302	1E
2DISC2D1508	SPARE	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1509	SERVICE XFMR U-4000-23 ANNUN	Switch	CAL-AB-302	1E
2DISC2D1510	SPARE	Switch	CAL-AB-302	1E
2DISC2D1511	XFMR P13000-2 COOLING SYS CNTR	Switch	CAL-AB-302	1E
2DISC2D1512	COOLANT WASTE EVAP PNL 2C88	Switch	CAL-AB-302	1E
2DISC2D1513	RCP BUS 23P 2H05	Switch	CAL-AB-302	1E
2DISC2D1514	13K SERV BUS 21 2H01	Switch	CAL-AB-302	1E
2DISC2D1515	4KV UNIT BUS 23 2A03	Switch	CAL-AB-302	1E
2DISC2D1516	4KV UNIT BUS 24 2A04	Switch	CAL-AB-302	1E
2DISC2D1517	480V UNIT BUS 23A 2B03A	Switch	CAL-AB-302	1E
2DISC2D1518	480V UNIT BUS 24A 2B04A	Switch	CAL-AB-302	1E
2DISC2D1519	SPARE	Switch	CAL-AB-302	1E
2DISC2D1520	U2 RX TRP BKR 2,6 & 9 CNTR PWR	Switch	CAL-AB-302	1E
2DISC2D1521	U2 EXCITATION CONTROL PNL 2E01	Switch	CAL-AB-302	1E
2DISC2D1522	U2 PROTECTION CHAN 1 PNL 2C40A	Switch	CAL-AB-302	1E
2DISC2D1523	4KV UNIT BUS 25 2A05	Switch	CAL-AB-302	1E
2DISC2D1524	4KV UNIT BUS 26 2A06	Switch	CAL-AB-302	1E
2DISC2D1601	RCP BUS 23P 2H05	Switch	CAL-AB-302	1E
2DISC2D1602	RCP BUS 24P 2H06	Switch	CAL-AB-302	1E
2DISC2D1603	13KV SERVICE BUS 21 2H01	Switch	CAL-AB-302	1E
2DISC2D1604	13KV SERVICE BUS 22 2H02	Switch	CAL-AB-302	1E
2DISC2D1605	4KV UNIT BUS 23 2A03	Switch	CAL-AB-302	1E
2DISC2D1606	4KV UNIT BUS 24 2A04	Switch	CAL-AB-302	1E
2DISC2D1607	4KV UNIT BUS 26 2A06	Switch	CAL-AB-302	1E
2DISC2D1608	480V UNIT BUS 23A 2B03A	Switch	CAL-AB-302	1E
2DISC2D1609	480V UNIT BUS 23B 2B03B	Switch	CAL-AB-302	1E
2DISC2D1610	480V UNIT BUS 24A 2B04A	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1611	480V UNIT BUS 24B 2B04B	Switch	CAL-AB-302	1E
2DISC2D1612	13KV SERVICE BUS 23 2H07	Switch	CAL-AB-302	1E
2DISC2D1613	4KV UNIT BUS 25 2A05	Switch	CAL-AB-302	1E
2DISC2D1614	4KV UNIT BUS 14 1A04	Switch	CAL-AB-302	1E
2DISC2D1701	CONTROL ROOM 2C07	Switch	CAL-AB-302	1E
2DISC2D1702	CONTROL ROOM 2C06	Switch	CAL-AB-302	1E
2DISC2D1703	CONTROL ROOM 2C23	Switch	CAL-AB-302	1E
2DISC2D1704	SPARE	Switch	CAL-AB-302	1E
2DISC2D1705	CONTROL ROOM 2C03	Switch	CAL-AB-302	1E
2DISC2D1706	CONTROL ROOM 2C13	Switch	CAL-AB-302	1E
2DISC2D1707	U-4000-22 SERV TRANSF CNTR	Switch	CAL-AB-302	1E
2DISC2D1708	SPARE	Switch	CAL-AB-302	1E
2DISC2D1709	SPARE	Switch	CAL-AB-302	1E
2DISC2D1710	SPARE	Switch	CAL-AB-302	1E
2DISC2D1711	SGFP 22 OIL PUMP TEST 2C66	Switch	CAL-AB-302	1E
2DISC2D1712	TURB STM DUMP&BYPASS PNL 2C69	Switch	CAL-AB-302	1E
2DISC2D1713	RCP BUS 24P 2H06	Switch	CAL-AB-302	1E
2DISC2D1714	13KV SERVICE BUS 22 2H02	Switch	CAL-AB-302	1E
2DISC2D1715	SPARE	Switch	CAL-AB-302	1E
2DISC2D1716	SPARE	Switch	CAL-AB-302	1E
2DISC2D1717	480V UNIT BUS 23B	Switch	CAL-AB-302	1E
2DISC2D1718	480V UNIT BUS 24B 2B04B	Switch	CAL-AB-302	1E
2DISC2D1719	SPARE	Switch	CAL-AB-302	1E
2DISC2D1720	SPARE	Switch	CAL-AB-302	1E
2DISC2D1721	U2 MAIN GEN FIELD BKR 2E01	Switch	CAL-AB-302	1E
2DISC2D1722	BA HEAT TRACING REC 2C99A	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2D1723	SPARE	Switch	CAL-AB-302	1E
2DISC2D1724	UNIT PROTECTION MISC CKT 2C40F	Switch	CAL-AB-302	1E
2DISC95-2101	BATTERY CHARGER 13	Switch	CAL-AB-302	1E
2DISC95-2102	BATTERY CHARGER 21	Switch	CAL-AB-302	1E
2DISC95-2103	125V BATTERY 21	Switch	CAL-AB-302	1E
2DISC95-2104	MAIN DISCONNECT DC PNL 2D15	Switch	CAL-AB-302	1E
2DISC95-2105	MAIN DISCONNECT DC PNL 2D16	Switch	CAL-AB-302	1E
2DISC95-2106	MAIN DISCONNECT DC PNL 2D17	Switch	CAL-AB-302	1E
2DISC95-2107	INVERTER 22 2Y02A	Switch	CAL-AB-302	1E
2DISC95-2108	INVERTER 12 1Y02A	Switch	CAL-AB-302	1E
2DISC95-2109	MAIN DISCONNECT DC PNL 1D15	Switch	CAL-AB-302	1E
2DISC95-2110	MAIN DISCONNECT DC PNL 1D16	Switch	CAL-AB-302	1E
2DISC95-2111	MAIN DISCONNECT DC PNL 1D17	Switch	CAL-AB-302	1E
2DISC95-2201	BATTERY CHARGER 22	Switch	CAL-AB-302	1E
2DISC95-2202	BATTERY CHARGER 14	Switch	CAL-AB-302	1E
2DISC95-2203	125V BATTERY 22	Switch	CAL-AB-302	1E
2DISC95-2204	MAIN DISCONNECT DC PNL 2D14	Switch	CAL-AB-302	1E
2DISC95-2205	INVERTER 14 1Y04A	Switch	CAL-AB-302	1E
2DISC95-2206	INVERTER 24 2Y04A	Switch	CAL-AB-302	1E
2DISC95-2207	SPARE	Switch	CAL-AB-302	1E
2DISC95-2208	COMPUTER INVERT 21 DISCONNECT	Switch	CAL-AB-302	1E
2HS221	21 BUS GND TEST SEL HS	Switch	CAL-AB-405	PAM2
2HS221A	21 BUS GND TEST HS	Switch	CAL-AB-405	PAM2
2HS222	22 BUS GND TEST SEL HS	Switch	CAL-AB-405	PAM2
2HS222A	22 BUS GND TEST HS	Switch	CAL-AB-405	PAM2
2CS152-2101	21 BUS 4KV FDR HS	Switch	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CS152-2102	U440-21B XFMR FDR HS	Switch	CAL-AB-405	1E
2CS152-2113	SWYD SERV XFMR FDR HS	Switch	CAL-AB-405	1E
2CS152-2114	U440-21A XFMR FDR HS	Switch	CAL-AB-405	1E
2CS152-2115	21 BUS 4KV FDR HS	Switch	CAL-AB-405	1E
2CS152-2401	24 4KV BUS NORMAL FDR	Switch	CAL-AB-405	1E,SBO
2CS152-2402	U440-24A XFMR FDR HS	Switch	CAL-AB-405	1E
2CS152-2413	U440-24B XFMR FDR HS	Switch	CAL-AB-405	1E
2CS152-2414	24 4KV BUS ALT FDR	Switch	CAL-AB-405	1E
2HS152-2101	21 BUS 4KV FDR SYN POT	Switch	CAL-AB-405	1E
2HS152-2115	21 BUS 4KV FDR SYN POT	Switch	CAL-AB-405	1E
2HS152-2401	24 4KV BUS NORMAL FDR 152-2401 SYNC JACK	Switch	CAL-AB-405	1E
2HS152-2414	24 BUS 4KV FDR SYN POT	Switch	CAL-AB-405	1E
2HS2102A	4KV BUS 21 TO SERV XFMR LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS2102B	4KV BUS 21 TO SERV XFMR CNTR	Switch	CAL-AB-311	1E
2HS2402A	4KV BUS 24 TO SERV XFMR LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS2402B	4KV BUS 24 TO SERV XFMR LOC C	Switch	CAL-AB-407	1E
2HS2A01/2C91/1	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C91/2	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C92/1	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C92/2	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C93/1	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C93/2	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C94/1	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A01/2C94/2	13/4KV BUS 21 U/V RY TEST HS	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS2A04/2C91/1	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C91/2	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C92/1	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C92/2	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C93/1	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C93/2	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C94/1	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A04/2C94/2	13/4KV BUS 24 U/V RY TEST HS	Switch	CAL-AB-302	1E
2HS2A101	13/4KV BKR 152-2101/BUS 2	Switch	CAL-AB-311	1E
2HS2A113	13/4KV BKR 152-2113/BUS 2	Switch	CAL-AB-311	1E
2HS2A115	13/4KV BKR 152-2115/BUS 2	Switch	CAL-AB-311	1E
2HS2A401	13/4KV BKR 152-2401/BUS 2	Switch	CAL-AB-407	1E
2HS2A414	13/4KV BKR 152-2414/BUS 2	Switch	CAL-AB-407	1E
2HS421	21 BUS 4KV VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2HS424	24 BUS 4KV VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2CS52-2112	21A BUS 480V FDR HS	Switch	CAL-AB-405	1E
2CS52-2113	21B BUS 480V FDR HS	Switch	CAL-AB-405	1E
2CS52-2412	24A BUS 480V FDR HS	Switch	CAL-AB-405	1E
2CS52-2413	24B BUS 480V FDR HS	Switch	CAL-AB-405	1E
2HS2B112	480V BUS 21A FD II TEST H	Switch	CAL-AB-311	PAM2
2HS2B113	480V BUS 21B FD II TEST H	Switch	CAL-AB-311	PAM2
2HS2B412	480V BUS 24A FD II TEST H	Switch	CAL-AB-407	PAM2
2HS2B413	480V BUS 24B FD II TEST H	Switch	CAL-AB-407	PAM2
2HS521A	21A BUS 480V VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2HS521B	21B BUS 480V VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2HS524A	24A BUS 480V VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS524B	24B BUS 480V VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2DISC189-2111	23 SERV WTR PP BUS 21 DISCONNECT SW	Switch	CAL-AB-311	1E
2DISC189-2411	23 SERV WTR PP BUS 24 DISCONNECT SW	Switch	CAL-AB-407	1E
2HS1570	SERVICE WATER PUMP 21 HS	Switch	CAL-AB-405	1E
2HS1570A	21 SRW PP LCL/REMOTE HS	Switch	CAL-AB-317	1E
2HS1570B	SERV WTR PP 21 LOCAL CNTR HS	Switch	CAL-AB-317	1E
2HS1570C	2II1570 TEST SWITCH	Switch	CAL-AB-405	1E
2HS1571	22 SERVICE WATER PUMP HS	Switch	CAL-AB-405	1E
2HS1571A	21 SRW PP LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS1571B	SERV WTR PP 22 LOCAL CNTR HS	Switch	CAL-AB-407	1E
2HS1571C	2II1571 TEST SWITCH	Switch	CAL-AB-405	1E
2HS1572	23 SERVICE WATER PUMP HS	Switch	CAL-AB-405	1E
2HS1572A	23 SRW PP LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS1572B	SERV WTR PP 23 LOCAL CNTR HS	Switch	CAL-AB-407	1E
2HS1572C	23 SRW PP LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS1572D	SERV WTR PP 23 LOCAL CNTR HS	Switch	CAL-AB-311	1E
2HS1572E	2II1572A TEST SWITCH	Switch	CAL-AB-405	1E
2HS1572F	2II1572B TEST SWITCH	Switch	CAL-AB-405	1E
2HS1581	21 CNTMT CLR INLT VLV HS	Switch	CAL-AB-405	1E
2HS1582	CNTMT CLR 21 OUT VLV HS	Switch	CAL-AB-405	1E
2HS1584	22 CNTMT CLR INLT VLV HS	Switch	CAL-AB-405	1E
2HS1585	CNTMT CLR 22 OUT VLV HS	Switch	CAL-AB-405	1E
2HS1589	23 CNTMT CLR INLT VLV HS	Switch	CAL-AB-405	1E
2HS1590	CNTMT CLR 23 OUT VLV HS	Switch	CAL-AB-405	1E
2HS1592	24 CNTMT CLR INLT VLV HS	Switch	CAL-AB-405	1E
2HS1593	CNTMT CLR 24 OUT VLV HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS1598	SPNT FUEL CLR 12 OUT VLV CONT	Switch	CAL-AB-405	1E
2HS1599	SPNT FUEL CLR 12 INLT VLV CONT	Switch	CAL-AB-405	1E
2HS1600	NON-CRIT SERV WTR ISO VLV HS	Switch	CAL-AB-405	1E
2HS1637	NON-CRIT SERV WTR ISO VLV HS	Switch	CAL-AB-405	1E
2HS1638	NON-CRIT SERV WTR ISO VLV HS	Switch	CAL-AB-405	1E
2HS1639	NON-CRIT SERV WTR ISO VLV HS	Switch	CAL-AB-405	1E
2HS1640	SRW SUB-SYS ISO TO BD HX22	Switch	CAL-AB-205	1E
2DISC189-2112	23 SALT WTR PP BUS 21 DISCONNECT SW	Switch	CAL-AB-311	1E
2DISC189-2412	23 SALT WTR PP BUS 24 DISCONNECT SW	Switch	CAL-AB-407	1E
2HS5148	STRAINER 21A CONTROL	Switch	CAL-AB-205	1E
2HS5148A	STRAINER 21A/21B MODE SELECT	Switch	CAL-AB-205	1E
2HS5148B	STRAINER 21A/21B MANUAL CYCLE	Switch	CAL-AB-205	1E
2HS5148C	STRAINER 21A RESET	Switch	CAL-AB-205	1E
2HS5150	21A/21B SRW HX SW INLET & BYPASS VLV HS	Switch	CAL-AB-405	1E
2HS5151	SRW HX STRAINER 21B CNTRL	Switch	CAL-AB-205	1E
2HS5151C	STRAINER 21B RESET	Switch	CAL-AB-205	1E
2HS5152	HS FOR 2-SW-5152-CV	Switch	CAL-AB-405	1E
2HS5153	22A/22B SRW HX SW OUTLET & BYPASS VLV HS	Switch	CAL-AB-405	1E
2HS5155	SRW HX 22 SALT WTR OUTLET VLV HS	Switch	CAL-AB-405	1E
2HS5158	STRAINER 22A CONTROL	Switch	CAL-AB-205	1E
2HS5158A	STRAINER 22A/22B MODE SELECT	Switch	CAL-AB-205	1E
2HS5158B	STRAINER 22A/22B MANUAL CYCLE	Switch	CAL-AB-205	1E
2HS5158C	STRAINER 22A RESET	Switch	CAL-AB-205	1E
2HS5159	STRAINER 22B CONTROL	Switch	CAL-AB-205	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS5159C	STRAINER 22B RESET	Switch	CAL-AB-205	1E
2HS5161	COMP CLG HX 21 SALT WTR ISO HS	Switch	CAL-AB-405	1E
2HS5162	COMP CLG HX 22 SALT WTR IN HS	Switch	CAL-AB-405	1E
2HS5164	COMP CLG HX 22 SALT WTR OUT HS	Switch	CAL-AB-405	1E
2HS5167	COMP CLG HX 22 SALT WTR OUT HS	Switch	CAL-AB-405	1E
2HS5172	21 ECCS AIR CLR INL/OUT VLVS	Switch	CAL-AB-405	1E
2HS5173	ECCS RM AIR CLR 22 WTR IN HS	Switch	CAL-AB-405	1E
2HS5176	ECCS RM AIR CLR 22 WTR OUT HS	Switch	CAL-AB-405	1E
2HS5179	ECCS RM HX 22 SALT WTR OUT HS	Switch	CAL-AB-405	1E
2HS5199	SALT WATER PUMP 21 HS	Switch	CAL-AB-405	1E
2HS5199A	21 SW PP LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS5199B	SALT WTR PUMP 21 LOC CONT	Switch	CAL-AB-311	1E
2HS5200	22 SALT WATER PUMP HS	Switch	CAL-AB-405	1E
2HS5200A	22 SW PP LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS5200B	SALT WTR PUMP 22 LOC CONT	Switch	CAL-AB-407	1E
2HS5201	23 SALT WATER PUMP HS	Switch	CAL-AB-405	1E
2HS5201A	23 SW PP LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS5201B	SALT WTR PUMP 23 LOC CONT	Switch	CAL-AB-407	1E
2HS5201C	23 SW PP LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS5201D	SALT WTR PUMP 23 LOC CONT	Switch	CAL-AB-311	1E
2HS5209	SRW HX 21A SALT WATER OUTLET VLV HS	Switch	CAL-AB-405	1E
2HS5210	21B SRW HX TO SW OUTLET VLV HS	Switch	CAL-AB-405	1E
2HS5211	SRW HX 22A SALT WATER OUTLET VLV HS	Switch	CAL-AB-405	1E
2HS5212	22B SRW HX TO SW OUTLET VLV HS	Switch	CAL-AB-405	1E
2DISC89-2116	COMPONENT CLG PP 23 DISC SW	Switch	CAL-AB-311	1E
2DISC89-2416	COMPONENT CLG PP 23 DISC SW	Switch	CAL-AB-407	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS3813	COMP CLG PMP 21 HS	Switch	CAL-AB-405	1E
2HS3815	22 COMP CLG PMP HS	Switch	CAL-AB-405	1E
2HS3817	23 COMP CLG PMP HS	Switch	CAL-AB-405	1E
2HS3824	21 COMP CLG HX DISCH VLV HS	Switch	CAL-AB-405	1E
2HS3826	22 COMP CLG HTEX DISCH VLV HS	Switch	CAL-AB-405	1E
2HS3828	S/D HX COMP CLG DISCH VLV HS	Switch	CAL-AB-405	1E
2HS3830	22 COMP CLG OUTLT SD HTEX HS	Switch	CAL-AB-405	1E
2HS3832	COMP CLG INTO CNTMT VLV HS	Switch	CAL-AB-405	1E
2HS3833	COMP CLG OTLT CNTMT ISO VLV HS	Switch	CAL-AB-405	1E
2HS3840	COMP CLG TO LIQ WSTE EVAP ISOL	Switch	CAL-AB-405	1E
2HS3842	COMP CLG TO LIQ WSTE EVAP ISOL	Switch	CAL-AB-405	1E
2HS89-2116	COMPONENT CLG PUMP 23 DISC BUS 21 KEY SW	Switch	CAL-AB-311	1E
2HS89-2416	COMPONENT CLG PUMP 23 DISC BUS 24 KEY SW	Switch	CAL-AB-311	1E
2DISC2R01A/S3	2R01A INSTR PWR SUPPLY	Switch	CAL-AB-302	PAM2
2DISC2Y0101	RCS CHAN & 2TR111 PWR SUP 2X6	Switch	CAL-AB-302	1E
2DISC2Y0102	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0103	DSL GEN SKV MANDISC SW INDIC	Switch	CAL-AB-302	1E
2DISC2Y0104	PRZR PRES CHANNEL	Switch	CAL-AB-302	1E
2DISC2Y0105	REACTOR CLNT SYS 2PT102A & 2X102A	Switch	CAL-AB-302	1E
2DISC2Y0106	PRZR PRES CHANNELS	Switch	CAL-AB-302	1E
2DISC2Y0107	PRZR LVL CHANNELS	Switch	CAL-AB-302	1E
2DISC2Y0108	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0109	STM GEN LVL CHANNELS	Switch	CAL-AB-302	1E
2DISC2Y0110	RC FL CHAN 2F101A PWR SUP 2X28	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2Y0111	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0112	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0113	NI&RX PROT SYS LOGIC CHAN A'''	Switch	CAL-AB-302	1E
2DISC2Y0114	RRS 21 2C31	Switch	CAL-AB-302	1E
2DISC2Y0115	RAD MNTR SYS 1C22E	Switch	CAL-AB-302	1E
2DISC2Y0116	STM GEN PRES PWR SUP	Switch	CAL-AB-302	1E
2DISC2Y0117	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0118	CTMT INSTR AIR VLV 2CV2085	Switch	CAL-AB-302	1E
2DISC2Y0119	CTMT HI RNG RAD MNTR 2RE5317A	Switch	CAL-AB-302	1E
2DISC2Y0120	AFW PANEL & FOXBORO PANEL	Switch	CAL-AB-302	1E
2DISC2Y0121	AFAS ACT CHAN ZA 2C100A	Switch	CAL-AB-302	1E
2DISC2Y0122	AFAS SENSOR CHAN 20 2C100D	Switch	CAL-AB-302	1E
2DISC2Y0123	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0124	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0125	PAMS CH A CABINET 2C182A AND PAMSA (START-UP)	Switch	CAL-AB-302	1E
2DISC2Y0126	PAMS CH A CABINET 2C144A (START-UP)	Switch	CAL-AB-302	1E
2DISC2Y0127	PAMS CH A CABINET 2C182A AND PAMSA (RUN)	Switch	CAL-AB-302	1E
2DISC2Y0128	PAMS CH A CABINET 2C144A (RUN)	Switch	CAL-AB-302	1E
2DISC2Y0129	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0130	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0131	MAIN STM LINE RAD MONITORS	Switch	CAL-AB-302	1E
2DISC2Y0132	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0133	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0134	SPARE	Switch	CAL-AB-302	1E

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2Y0135	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0136	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0137	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0138	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0139	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0140	SPARE	Switch	CAL-AB-302	1E
2DISC2Y01A/S2	21 INVERTER MANUAL TRANSFER SWITCH	Switch	CAL-AB-302	1E,SBO
2DISC2Y0201	RC SYS CHANNELS	Switch	CAL-AB-302	1E
2DISC2Y0202	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0203	DSL GEN SKV MAN DISC SW INDIC	Switch	CAL-AB-302	1E
2DISC2Y0204	PRZR PRES CHAN	Switch	CAL-AB-302	1E
2DISC2Y0205	REACTOR CLNT SYS LOOP 2PT102B & 2X102B	Switch	CAL-AB-302	1E
2DISC2Y0206	PRZR PRES CHAN	Switch	CAL-AB-302	1E
2DISC2Y0207	PRZR LVL CHAN	Switch	CAL-AB-302	1E
2DISC2Y0208	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0209	STM GEN LVL CH	Switch	CAL-AB-302	1E
2DISC2Y0210	RC FLOW CHAN	Switch	CAL-AB-302	1E
2DISC2Y0211	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0212	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0213	NI&RX PROT SYS LOGIC CHAN B""	Switch	CAL-AB-302	1E
2DISC2Y0214	RRS 22 2C32	Switch	CAL-AB-302	1E
2DISC2Y0215	RAD MNTR SYS 1C22E	Switch	CAL-AB-302	1E
2DISC2Y0216	STM GEN PRES	Switch	CAL-AB-302	1E
2DISC2Y0217	MN STM EFFLUENT RAD MNTR SYS	Switch	CAL-AB-302	1E
2DISC2Y0218	AFW PNL & FOXBORO PANEL 2C04	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2Y0219	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0220	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0221	AFAS ACT CHAN ZB 2C100B	Switch	CAL-AB-302	1E
2DISC2Y0222	AFAS SENSOR CHAN ZE 2C100E	Switch	CAL-AB-302	1E
2DISC2Y0223	AUX SHUTDOWN 2C43	Switch	CAL-AB-302	1E
2DISC2Y0224	AFW ISOLATION 1C43B	Switch	CAL-AB-302	1E
2DISC2Y0225	AFW ISOLATION 2C43B	Switch	CAL-AB-302	1E
2DISC2Y0226	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0227	MAIN STM LINE RAD MONITORS	Switch	CAL-AB-302	1E
2DISC2Y0228	AUX SHUTDOWN 1C43	Switch	CAL-AB-302	1E
2DISC2Y0229	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0230	WIDE RANGE NEUTRON MONT. 2NX002	Switch	CAL-AB-302	1E
2DISC2Y0231	PAMS CH B CABINET 2C182B AND PAMSB (START-UP)	Switch	CAL-AB-302	1E
2DISC2Y0232	PAMS CH B CABINET 2C144B (START-UP)	Switch	CAL-AB-302	1E
2DISC2Y0233	PAMS CH B CABINET 2C182B AND PAMSB (RUN)	Switch	CAL-AB-302	1E
2DISC2Y0234	PAMS CH B CABINET 2C144B (RUN)	Switch	CAL-AB-302	1E
2DISC2Y0235	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0236	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0237	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0238	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0239	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0240	SPARE	Switch	CAL-AB-302	1E
2DISC2Y02A/S2	22 INVERTER MANUAL TRANSFER SWITCH	Switch	CAL-AB-302	1E,SBO
2DISC2Y0301	AFAS SENSOR CHAN ZF 2C100F	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2Y0302	PRZR PRES CHAN	Switch	CAL-AB-302	1E
2DISC2Y0303	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0304	PRZR PRES CHAN	Switch	CAL-AB-302	1E
2DISC2Y0305	RCS LOOP TEMP CHAN	Switch	CAL-AB-302	1E
2DISC2Y0306	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0307	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0308	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0309	STM GEN LVL CHAN	Switch	CAL-AB-302	1E
2DISC2Y0310	RC FLOW CHAN	Switch	CAL-AB-302	1E
2DISC2Y0311	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0312	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0313	NI&RX PROT SYS LOGIC CHAN C'''	Switch	CAL-AB-302	1E
2DISC2Y0314	STM GEN PRES CHAN	Switch	CAL-AB-302	1E
2DISC2Y0315	RAD MNTR SYS	Switch	CAL-AB-302	1E
2DISC2Y0316	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0317	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0318	SG WIDE RNG LVL CH	Switch	CAL-AB-302	1E
2DISC2Y0319	CTMT HI RNG RAD MNTR	Switch	CAL-AB-302	1E
2DISC2Y0320	PANEL 23 FUSED DISCONNECT	Switch	CAL-AB-302	1E
2DISC2Y03A/S2	23 INVERTER MANUAL TRANSFER SWITCH	Switch	CAL-AB-302	1E,SBO
2DISC2Y0401	AFAS SENSOR CHAN ZG 2C100G	Switch	CAL-AB-302	1E
2DISC2Y0402	PRZR PRES CHAN&PWR SUP 2X102D	Switch	CAL-AB-302	1E
2DISC2Y0403	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0404	PRZR PRES CHAN 2PIA102C 2C06	Switch	CAL-AB-302	1E
2DISC2Y0405	RCS LOOP TEMP CHAN	Switch	CAL-AB-302	1E
2DISC2Y0406	WR NEUTRON MON AMP ASSY 2NX004	Switch	CAL-AB-302	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2Y0407	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0408	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0409	STM GEN LVL CHAN	Switch	CAL-AB-302	1E
2DISC2Y0410	RC FLOW CHAN	Switch	CAL-AB-302	1E
2DISC2Y0411	ESFAS	Switch	CAL-AB-302	1E
2DISC2Y0412	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0413	NI&RX PROT SYS LOGIC CHAN D'''	Switch	CAL-AB-302	1E
2DISC2Y0414	SG PRESS CHAN	Switch	CAL-AB-302	1E
2DISC2Y0415	RAD MNTR SYS 1C22F	Switch	CAL-AB-302	1E
2DISC2Y0416	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0417	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0418	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0419	SPARE	Switch	CAL-AB-302	1E
2DISC2Y0420	STM GEN WIDE RNG LVL CH	Switch	CAL-AB-302	1E
2DISC2Y04A/S2	24 INVERTER MANUAL TRANSFER SWITCH	Switch	CAL-AB-302	1E,SBO
2HS2080	IA CNTMT ISOL 2-IA-2080-MOV	Switch	CAL-AB-405	1E
2HS2080A	INST AIR CNTMT VLV CIS OVRD HS	Switch	CAL-AB-405	1E
2HS2085	INST AIR HDR IN CNTM ISO VLV	Switch	CAL-AB-311	1E
2HS5204	21 SW AIR COMPR	Switch	CAL-AB-405	1E
2HXHVACSWGRUCU 21	21 SWGR HVAC CNDSR UNIT	Heat Exchanger	CAL-AB-ARF	1M
2HS5205	22 SALT WATER AIR COMP HS	Switch	CAL-AB-405	1E
2HS5205A	SW AIR COMPR 22 CONTROL	Switch	CAL-AB-414	1E
2HS5205A1	22 SWAC LCL/REMOTE HS	Switch	CAL-AB-414	1E
2CS152-2103	2A DG BKR 152-2103 HS	Switch	CAL-AB-405	1E,SBO
2CS152-2106	0C DG BKR 152-2106 HS	Switch	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CS152-2403	2B DG 4KV BKR 152-2403 CS	Switch	CAL-AB-405	1E,SBO
2CS152-2406	0C DG BKR 152-2406 HS	Switch	CAL-AB-405	1E,SBO
2CS2101	2A DG VOLTAGE MAN CS	Switch	CAL-AB-405	PAM2
2CS2102	2A DG AUTO VOLT CS	Switch	CAL-AB-405	PAM2
2CS2103	2A DG SPEED CS	Switch	CAL-AB-405	PAM2
2CS2104	2A DG UNIT PARALLEL CS	Switch	CAL-AB-405	PAM2
2CS2401	2B DG MAN VOLT CS	Switch	CAL-AB-405	PAM2
2CS2402	2B DG AUTO VOLT CS	Switch	CAL-AB-405	PAM2
2CS2403	2B DG SPEED CS	Switch	CAL-AB-405	PAM2
2DISC189-2103	2A DG TO 4KV BUS 21 DISC SW	Switch	CAL-AB-311	1E
2DISC189-2103A	2A DG TO DISC SW 2NA103	Switch	CAL-AB-422	1E
2DISC189-2403	DG 2B TO 4KV BUS 24 DISC SW	Switch	CAL-AB-407	1E
2DISC83-SPARE-A	2B DG MCC 2BG XFER DISC	Switch	CAL-AB-416	1E
2DISC83-SPARE-B	2B DG MCC 2BG XFER DISC	Switch	CAL-AB-416	1E
2HS125-2103	2A-DG BKR SYNC POT	Switch	CAL-AB-405	1E
2HS125-2106	0C DG BKR SYNC POT	Switch	CAL-AB-405	1E
2HS125-2403	2B DG BKR SYN POT	Switch	CAL-AB-405	1E
2HS125-2406	0C DG BKR SYNC POT	Switch	CAL-AB-405	1E
2HS2103A	2A DG 4KV BUS FDR BKR LCL REMOTE HS	Switch	CAL-AB-311	1E
2HS2103B	EDG 2A 4KV BUS FDR BKR LOCAL CONTR	Switch	CAL-AB-311	1E
2HS2106A	0C DG 4KV BKR 152-2106 CNTR CKT LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS2106B	DG 0C 4KV BUS FOR BKR LOC CNTR	Switch	CAL-AB-311	1E
2HS2122	2A DG VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2HS2123	2A DG VOLT REG SEL SW	Switch	CAL-AB-405	PAM2
2HS2124	2A DG START PB	Switch	CAL-AB-405	PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS2125	2A DG STOP PB	Switch	CAL-AB-405	PAM2
2HS2403	2B DG GEN EI SELECTOR HS	Switch	CAL-AB-405	1E
2HS2403A	DG 2B 4KV BUS FOR BKR LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS2406A	DG 0C 4KV BUS FDR BKR LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS2406B	DG 0C 4KV BUS FDR BKR LOC CNTR	Switch	CAL-AB-407	1E
2HS2422	2B DG VOLT MTR SEL SW	Switch	CAL-AB-405	PAM2
2HS2423	2B DG VOLT REG SEL SW	Switch	CAL-AB-405	PAM2
2HS2424	2B-DG START PB	Switch	CAL-AB-405	1E
2HS2425	2B DG STOP PB	Switch	CAL-AB-405	1E
2HS2C61B/CS/SP	2B EDG GOVERNER CNTRL HS (LOCAL)	Switch	CAL-AB-416	1E
2HS2C61B/GOV/MA	2B EDG GOVERNER CNTRL MAUAL/AUTO HS	Switch	CAL-AB-416	1E
2HS2C62B/CS/SP	2A DG GOVERNOR CONTR HS	Switch	CAL-AB-422	1E
2HS2C62B/GOV/MA	2A DG GOVERNOR CONTR MANUAL/AUTO HS	Switch	CAL-AB-422	1E
2HS2DG2AA/BG	2A DG START HS - LOCAL B	Switch	CAL-AB-422	1E
2HS2DG2AA/PB1	2A DG STOP HS - LOCAL PU	Switch	CAL-AB-422	1E
2HS2DG2AA/PB2	2A DG STOP HS - LOCAL PU	Switch	CAL-AB-422	1E
2HS2DG2AA/PB3	2A DG START HS - LOCAL P	Switch	CAL-AB-422	1E
2HS2DG2AA/PB4	2A DG INSTR PANEL ALARM RESET (ACKNOWLEDGE)	Switch	CAL-AB-422	1E
2HS2DG2BA/BG	2B DG START HS - LOCAL B	Switch	CAL-AB-416	1E
2HS2DG2BA/PB1	2B DG STOP HS - LOCAL PU	Switch	CAL-AB-416	1E
2HS2DG2BA/PB2	2B DG STOP HS - LOCAL PU	Switch	CAL-AB-416	1E
2HS2DG2BA/PB3	2B DG START HS - LOCAL P	Switch	CAL-AB-416	1E
2HS2DG2BA/PB4	2B DG INSTRUMENT PANEL ALARM RESET (ACKNOWLEDGE)	Switch	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS4777	DIESEL 2A PRE-LUBE PUMP CONT	Switch	CAL-AB-422	1E
2HS4778	DIESEL 2A LUBE OIL PUMP CONT	Switch	CAL-AB-422	1E
2HS4779	DIESEL 2A LUBE OIL HEATER CONT	Switch	CAL-AB-422	1E
2HS4793	DIESEL 2B PRE-LUBE PUMP CONTROL	Switch	CAL-AB-416	1E
2HS4794	DIESEL 2B LUBE OIL PUMP CONT	Switch	CAL-AB-416	1E
2HS4795	DIESEL 2B LUBE OIL HEATER CONT	Switch	CAL-AB-416	1E
2HS4802	DIESEL 2A JACKET COOLANT HEATER	Switch	CAL-AB-422	1E
2HS4803	DIESEL 2A JACKET COOLANT PUMP	Switch	CAL-AB-422	1E
2HS4810	DIESEL 2B JACKET COOLANT HEATR	Switch	CAL-AB-416	1E
2HS4811	DIESEL 2B JACKET COOLANT PUMP	Switch	CAL-AB-416	1E
2HS4814	DIESEL 2A FO TRANSFER PUMP CONT	Switch	CAL-AB-422	1E
2HS4814	DIESEL 2A FO TRANSFER PUMP CONT	Switch	CAL-AB-422	1E
2HS4815	TEST SW DIESEL 2A ENG CONTROL	Switch	CAL-AB-422	1E
2HS4817	TEST SW DIESEL 2B ENG CONTROL	Switch	CAL-AB-416	1E
2HS4824	DIESEL 2B FO TRANSFER PMP CONT	Switch	CAL-AB-416	1E
2HS4824	DIESEL 2B FO TRANSFER PMP CONT	Switch	CAL-AB-416	1E
2HS4825	SLOW START SWITCH DIESEL 2A	Switch	CAL-AB-422	1E
2HS4827	SLOW START MODE SELECTOR SWITCH DIESEL 2B	Switch	CAL-AB-416	1E
2HS4839	LOCAL/REMOTE SWITCH DIESEL 2A	Switch	CAL-AB-422	1E
2HS4841	LOCAL/REMOTE SWITCH DIESEL 2B	Switch	CAL-AB-416	1E
2HS4860	2A DG AIR-BARRING CONTROL	Switch	CAL-AB-422	1E
2HS4862	2B DG AIR BARRING CONTROL	Switch	CAL-AB-416	1E
2HS4864	2A DG SLOW START SEQUENCE KEY SWITCH	Switch	CAL-AB-422	1E
2HS4866	2B DG SLOW START SEQUENCE KEY SWITCH	Switch	CAL-AB-416	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2DISC2NB408	CONT RM AC COMP 12 CONTACTOR	Switch	CAL-AB-512	1E
2HS5404	21 EAST ECCS PP RM CLG FAN	Switch	CAL-AB-405	1E
2HS5404A	22 ECCS PP RM CLG FAN HS	Switch	CAL-AB-405	1E
2HS5406	21 ECCS PP RM EXH FAN	Switch	CAL-AB-405	1E
2HS5407	ECCS PUMP ROOM EXHAUST FAN 22	Switch	CAL-AB-405	1E
2HS5408	ECCS PMP RM CHARCOAL FILT DAMP	Switch	CAL-AB-405	1E
2HS5412	21 MAIN EXH FAN	Switch	CAL-AB-405	1E
2HS5413	MAIN EXHAUST FAN 22 CONTROL	Switch	CAL-AB-405	1E
2HS5426	21 SWGR HVAC FAN	Switch	CAL-AB-526	1E
2HS5426-1	21 SWGR HVAC RTU RESET SWITCH (1S2)	Switch	CAL-AB-ARF	1E
2HS5426A	SWGR RM HVAC UNIT 22 FAN CONT	Switch	CAL-AB-526	1E
2HS5426A1	22 SWGR HVAC RTU RESET SWITCH (1S2)	Switch	CAL-AB-ARF	1E
2HS5454	SERV WTR HTEX RM FAN VU-19A	Switch	CAL-AB-205	1E
2HS5455	SERVICE WATER HTEX RM FAN VU-19B	Switch	CAL-AB-205	1E
2HS5470	AUX FDWTR PMP RM VENT FAN 21	Switch	CAL-AB-204	1E
2HS5471	AUX FD WTR PUMP RM VENT FAN 22	Switch	CAL-AB-204	1E
2CS89-2104	23 CVC CHARGING PP DISC S	Switch	CAL-AB-311	1E
2CS89-2404	23 CVC CHARGING PP DISC S	Switch	CAL-AB-311	1E
2DISC89-2104	CHARGING PUMP 23 DISC SW	Switch	CAL-AB-311	1E
2DISC89-2104A	CHARGING PUMP 23 DISC SW	Switch	CAL-AB-105C	1E
2DISC89-2404	CHARGING PUMP 23 DISC SW	Switch	CAL-AB-407	1E
2DISC89-2404A	CHARGING PUMP 23 DISC SW	Switch	CAL-AB-105C	1E
2HS206	BORIC ACID TANK #21 HEATER A	Switch	CAL-AB-215	1E
2HS207	BORIC ACID STORAGE TNK 21 HTR	Switch	CAL-AB-215	1E
2HS208	BORIC ACID TANK #22 HEATER A	Switch	CAL-AB-215	1E
2HS209	BORIC ACID STORAGE TNK 22 HTR	Switch	CAL-AB-215	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS210	MAKEUP MODE SELECTOR HS	Switch	CAL-AB-405	1E
2HS224X	CHRG PMP 21 HS	Switch	CAL-AB-405	1E
2HS224Y	CHRG PMP 22 HS	Switch	CAL-AB-405	1E
2HS224Z	CHRG PMP 23 HS	Switch	CAL-AB-405	1E
2HS226	BA PP SEL SW	Switch	CAL-AB-405	1E
2HS226X	21 BA PP	Switch	CAL-AB-405	1E
2HS226XA	BORIC ACID PUMP 21 CONTROL	Switch	CAL-AB-215	1E
2HS226Y	22 BORIC ACID PMP HS	Switch	CAL-AB-405	1E
2HS226YA	BORIC ACID PUMP 22 CONTROL	Switch	CAL-AB-215	1E
2HS2501	VCT OUTLET 2-CVC-501-MOV	Switch	CAL-AB-405	1E
2HS2505	RCP BLDOFF OUT CNTMT ISO VLVHS	Switch	CAL-AB-405	1E,SBO
2HS2505A	RCP CONT BLEED OFF ISOL HS	Switch	CAL-AB-407	1E,SBO
2HS2506	RCP BLDOFF IN CNTMT ISO VLV HS	Switch	CAL-AB-405	1E,SBO
2HS2508	22 BAST GRAVITY FD 2-CVC-508	Switch	CAL-AB-405	1E
2HS2509	21 BAST GRAVITY FD 2-CVC-509-MOV	Switch	CAL-AB-405	1E
2HS2510	21 BAST RECIRC 2-CVC-510-CV	Switch	CAL-AB-405	1E
2HS2511	22 BAST RECIRC 2-CVC-511-CV	Switch	CAL-AB-405	1E
2HS2512	VCT MAKEUP VLV HS	Switch	CAL-AB-405	1E
2HS2514	BA DIRECT MAKEUP HS	Switch	CAL-AB-405	1E
2HS2515	LTDWN CNTMT ISO CONT VLV HS	Switch	CAL-AB-405	1E,SBO
2HS2516	LTDWN LINE CNTMT ISO VLV HS	Switch	CAL-AB-405	1E,SBO
2HS2516A	LTDWN LINE CNTMT ISOL VLV HS	Switch	CAL-AB-407	1E,SBO
2HS2517	AUX SPRAY ISO VLV HS	Switch	CAL-AB-405	1E
2HS2518	CHRG LINE 22B CONTROL VLV HS	Switch	CAL-AB-405	1E
2HS2519	CHRG LINE 21A CONTROL VLV HS	Switch	CAL-AB-405	1E
2HS269	CHARG PP CONN HPSI AUX HDR HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS89-2104	CHARGING PUMP 23 DISC BUS 21 KEY SW	Switch	CAL-AB-311	1E
2HS89-2404	CHARGING PUMP 23 DISC BUS 24 KEY SW	Switch	CAL-AB-311	1E
2HS1	SI SIG CH A MAN ACT HS	Switch	CAL-AB-405	1E
2HS10	CSAS CH A MAN ACT HS	Switch	CAL-AB-405	1E
2HS11	CSAS CH B MAN ACT HS	Switch	CAL-AB-405	1E
2HS12	CSAS CH A RESET HS	Switch	CAL-AB-405	1E
2HS13	CSAS CH B RESET HS	Switch	CAL-AB-405	1E
2HS14	RAS CH A MAN ACT HS	Switch	CAL-AB-405	1E
2HS15	RAS CH B MAN ACT HS	Switch	CAL-AB-405	1E
2HS16	RAS CH A RESET HS	Switch	CAL-AB-405	1E
2HS17	RAS CH B RESET HS	Switch	CAL-AB-405	1E
2HS18	CIS CH B RESET HS	Switch	CAL-AB-405	1E
2HS19	U2 CRS A ACTUATION/RESET HS	Switch	CAL-AB-405	1E
2HS2	SIS CH B MAN ACT HS	Switch	CAL-AB-405	1E
2HS21	U2 CRS B ACTUATION/RESET HS	Switch	CAL-AB-405	1E
2HS22	CVCS ISOL SIG CH A RESET HS	Switch	CAL-AB-405	1E
2HS23	CVCS ISOL SIGNAL CH B RESET HS	Switch	CAL-AB-405	1E
2HS25	ESF SEQ 21 MAN ACT HS	Switch	CAL-AB-405	1E
2HS26	ESF SEQUEN	Switch	CAL-AB-405	1E
2HS3	SI SIG CH A RESET HS	Switch	CAL-AB-405	1E
2HS4	SIS CH B RESET HS	Switch	CAL-AB-405	1E
2HS4042	21 SG BLOCK & RESET SEL SW	Switch	CAL-AB-405	1E
2HS4047	22 SG BLOCK & RESET SEL SW	Switch	CAL-AB-405	1E
2HS5	SIAS A BLOCK HS	Switch	CAL-AB-405	1E
2HS6	SIAS B LOW BLOCK HS	Switch	CAL-AB-405	1E
2HS7	CIS CH A MAN ACT HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS8	CIS CH B MAN ACT HS	Switch	CAL-AB-405	1E
2HS9	CIS CH A RESET HS	Switch	CAL-AB-405	1E
2DISC189-2110	23 HPSI PP BUS 21 MOTOR OPERATED DISCONNECT SW	Switch	CAL-AB-311	1E
2DISC189-2410	23 HPSI PP BUS 24 MOTOR OPERATED DISCONNECT SW	Switch	CAL-AB-407	1E
2HS301X	21 HPSI PP	Switch	CAL-AB-405	1E
2HS301Y	22 HPSI PP	Switch	CAL-AB-405	1E
2HS301Z	23 HPSI PUMP HS	Switch	CAL-AB-405	1E
2HS301Z1	23 HPSI PUMP DISC BUS 21 HS	Switch	CAL-AB-405	1E
2HS301Z2	23 HPSI PUMP DISC BUS 24 HS	Switch	CAL-AB-405	1E
2HS302X	21 LPSI PP	Switch	CAL-AB-405	1E
2HS302XA	21 LPSI PUMP RAS OVERRIDE HS	Switch	CAL-AB-405	1E
2HS302XB	21 LPSI PUMP LCL/REMOTE HS	Switch	CAL-AB-311	1E
2HS302XC	21 LPSI PUMP LCL CONTR HS	Switch	CAL-AB-311	1E
2HS302Y	22 LPSI PUMP HS	Switch	CAL-AB-405	1E
2HS302YA	22 LPSI PUMP RAS O/R HS	Switch	CAL-AB-405	1E
2HS302YB	22 LPSI PUMP LCL/REMOTE HS	Switch	CAL-AB-407	1E
2HS302YC	22 LPSI PUMP LCL CONTR HS	Switch	CAL-AB-407	1E
2HS3615	21B LPSI HDR 2-SI-615-MOV	Switch	CAL-AB-405	1E
2HS3616	HPSI TO LOOP 21B VLV HS	Switch	CAL-AB-405	1E
2HS3617	21B HPSI AUX HDR 2-SI-617-MOV	Switch	CAL-AB-405	1E
2HS3625	21A LPSI HDR 2-SI-625-MOV	Switch	CAL-AB-405	1E
2HS3626	HPSI TO LOOP 21A VLV HS	Switch	CAL-AB-405	1E
2HS3627	21A HPSI AUX HDR 2-SI-627-MOV	Switch	CAL-AB-405	1E
2HS3635	LPSI HDR 22B VLV HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS3636	HPSI TO LOOP 22B VLV HS	Switch	CAL-AB-405	1E
2HS3637	22B HPDI AUX HDR 2-SI-637-MOV	Switch	CAL-AB-405	1E
2HS3645	LPSI HDR 22A VLV HS	Switch	CAL-AB-405	1E
2HS3646	HPSI TO LOOP 22A VLV HS	Switch	CAL-AB-405	1E
2HS3647	22A HPSI AUX HDR 2-SI-647-MOV	Switch	CAL-AB-405	1E
2HS3651	SDC HDR RETURN ISOL 2-SI-651-MOV	Switch	CAL-AB-405	1E,SBO
2HS3653	HPSI HDR X-CONN VLV HS	Switch	CAL-AB-405	1E
2HS3654	HPSI HDR ISOL VLV HS	Switch	CAL-AB-405	1E
2HS3655	HPSI HDR XCONN 2-SI-655-MOV	Switch	CAL-AB-405	1E
2HS3656	HPSI AUX HDR ISOL 2-SI-656-MOV	Switch	CAL-AB-405	1E
2HS3659	SI PP RECIRC 2-SI-659-MOV	Switch	CAL-AB-405	1E
2HS3659A	SI PUMP RECIRC LOCKOUT VLV HS	Switch	CAL-AB-405	1E
2HS3660	CS&SI PUMPS RECIRC VLV HS	Switch	CAL-AB-405	1E
2HS3660A	SI PUMP RECIRC LOCKOUT VLV HS	Switch	CAL-AB-405	1E
2HS399	S/D CLG HX RECIRC ISOL MOV HS	Switch	CAL-AB-405	1E
2HS4142	RWT 21 DISCH HS	Switch	CAL-AB-405	1E
2HS4143	21 RWT OUT 2-SI-4143-MOV	Switch	CAL-AB-405	1E
2HS4144	CNTMT SUMP DISCH 2-SI-4144-MOV	Switch	CAL-AB-405	1E
2HS4145	CNTMT SUMP DISCH VLV HS	Switch	CAL-AB-405	1E
2HS2Q01B	RPS MAN RX TRIP TCB 2/6 H	Switch	CAL-AB-405	1E
2HS2Q01D	RPS MAN RX TRIP TCB 3/7 H	Switch	CAL-AB-405	1E
2HS5835	REACTOR TRIP TCB 1 & 5	Switch	CAL-AB-405	1E
2HS5836	REACTOR TRIP TCB 4 & 8 HS	Switch	CAL-AB-405	1E
2DISC89-2121	CNTMT FILTER 23 DISC SW	Switch	CAL-AB-311	1E
2DISC89-2421	CNTMT FILTER 23 DISC SW	Switch	CAL-AB-407	1E
2HS1410	CNTMT PURGE SUPP VLV 21 HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS1412	CNTMT PURGE EXH VLV 21 HS	Switch	CAL-AB-405	1E
2HS1413	CNTMT PURGE EXH VLV 22 HS	Switch	CAL-AB-405	1E
2HS5283	21 PENET RM EXH FAN	Switch	CAL-AB-405	1E
2HS5284	PENETRATION ROOM FAN 22 HS	Switch	CAL-AB-405	1E
2HS5285	2 HVAC/P PENET RM FILT 21	Switch	CAL-AB-405	1E
2HS5287	2 HVAC/P PENET RM FILT 22	Switch	CAL-AB-405	1E
2HS5293	IODINE FILTER FAN 21 HS	Switch	CAL-AB-405	1E
2HS5295	CNTMT FILTER FAN 22 HS	Switch	CAL-AB-405	1E
2HS5297	CNTMT FILTER FAN 23 HS	Switch	CAL-AB-405	1E
2HS5297A	23 CNTMT FILT DISC BUS 21 HS	Switch	CAL-AB-405	1E
2HS5297B	23 CNTMT FILT DISC BUS 24 HS	Switch	CAL-AB-405	1E
2HS5299	CNTMT CLG FAN 21 HS	Switch	CAL-AB-405	1E
2HS5299A	2 HVAC/P CNTMT CLG FAN 21 HS	Switch	CAL-AB-409	1E
2HS5299A1	2 HVAC/P CNTMT CLG FAN 21 HS	Switch	CAL-AB-409	1E
2HS5300	CNTMT CLG FAN 22 HS	Switch	CAL-AB-405	1E
2HS5300A	2 HVAC/P CNTMT CLG FAN 22 HS	Switch	CAL-AB-414	1E
2HS5300A1	2 HVAC/P CNTMT CLG FAN 22 HS	Switch	CAL-AB-414	1E
2HS5301	CNTMT CLG FAN 23 HS	Switch	CAL-AB-405	1E
2HS5301A	2 HVAC/P CNTMT CLG FAN 23 HS	Switch	CAL-AB-409	1E
2HS5301A1	2 HVAC/P CNTMT CLG FAN 23 HS	Switch	CAL-AB-409	1E
2HS5302	CNTMT CLG FAN 24 HS	Switch	CAL-AB-405	1E
2HS5302A	2 HVAC/P CNTMT CLG FAN 24 HS	Switch	CAL-AB-414	1E
2HS5302A1	2 HVAC/P CNTMT CLG FAN 24 HS	Switch	CAL-AB-414	1E
2HS5313A	CNTMT PRESS XMTRS CH A HS	Switch	CAL-AB-405	1E
2HS5313B	CNTMT PRESS XMTRS CH B HS	Switch	CAL-AB-405	1E
2HS5313C	CNTMT PRESS XMTRS CH C HS	Switch	CAL-AB-405	1E

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS5313D	CNTMT PRESS XMTRS CH D HS	Switch	CAL-AB-405	1E
2HS6900	H2 PURGE INBD ISOL 2-HP-6900-MOV	Switch	CAL-AB-405	1E
2HS6900A	H2 CNTMT PURGE CRS OVERRD HS	Switch	CAL-AB-405	1E
2HS6901	H2 PURGE CNTMT ISOL VLV HS	Switch	CAL-AB-405	1E,SBO
2HS6901A	H2 CNTMT PURGE CRS OVERRD HS	Switch	CAL-AB-405	1E
2HS6903	H2 PURGE REPLACE AIR CNTMT ISOL 2-HP-6903-MOV	Switch	CAL-AB-111	1E
2HS100-1	21 PROP HTRS	Switch	CAL-AB-405	1E
2HS100-2	22 PROP HTRS	Switch	CAL-AB-405	1E
2HS103	REACTOR VESSEL VENT VALVE	Switch	CAL-AB-405	1E,SBO
2HS104	REACTOR VESSEL VENT VALVE	Switch	CAL-AB-405	1E,SBO
2HS105	PRSR VESSEL VENT VALVE	Switch	CAL-AB-405	1E,SBO
2HS106	PRSR VESSEL VENT VALVE	Switch	CAL-AB-405	1E,SBO
2HS1403	ERV 402 BLOCK VLV MOV 403 HS	Switch	CAL-AB-405	1E
2HS1405	PORV 404 BLOCK 2-RC-405-MOV	Switch	CAL-AB-405	1E
2HS3652	S/D CLG RETURN HDR VLV HS	Switch	CAL-AB-405	1E,SBO
2HS001A1	OPTICAL ISOLATOR TEST SIGNAL INTERRUPT CHANNEL A	Switch	CAL-AB-407	PAM1,SBO
2HS003C1	OPTICAL ISOLATOR TEST SIGNAL INTERRUPT CHANNEL C	Switch	CAL-AB-418	PAM1,SBO
2HS4010	STM GEN 21 TOP BLD CONTROL VLV	Switch	CAL-AB-405	1E,SBO
2HS4010A	SG 21 TOP/BOTTOM BLOWDOWN LINE ISOL	Switch	CAL-AB-407	1E
2HS4011	STM GEN 21 BOTTOM BLO VALVE	Switch	CAL-AB-405	1E,SBO
2HS4012	STM GEN 22 TOP BLO CONTROL VLV	Switch	CAL-AB-405	1E,SBO
2HS4012A	SG 22 TOP/BOTTOM BLOWDOWN LINE ISOL	Switch	CAL-AB-407	1E
2HS4013	STM GEN 22 BOTTOM BLO VALVE	Switch	CAL-AB-405	1E,SBO
2HS4043	MSIV 21 OPEN-CLOSE CONTROL SW	Switch	CAL-AB-405	1E,SBO

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2HS4044	MSIV 21 EXERCISE-TEST SWITCH	Switch	CAL-AB-405	1E
2HS4048	MSIV 22 OPEN-CLOSE CONTROL SW	Switch	CAL-AB-405	1E,SBO
2HS4049	MSIV 22 EXERCISE-TEST SWITCH	Switch	CAL-AB-405	1E
2HS4070	21 S/G STM ISOL CV 4070 HS	Switch	CAL-AB-405	1E,SBO
2HS4071	22 S/G STM ISOL CV 4071 HS	Switch	CAL-AB-405	1E,SBO
2HS5429	DIESEL RM 2A COOLING FAN CONT	Switch	CAL-AB-422	1E
2HS5429	DIESEL RM 2A COOLING FAN CONT	Switch	CAL-AB-422	1E
2HS5430	DIESEL GEN RM 2A VENT FAN 11	Switch	CAL-AB-422	1E
2HS5437	DIESEL RM 2B COOLING FAN CONT	Switch	CAL-AB-416	1E
2HS5437	DIESEL RM 2B COOLING FAN CONT	Switch	CAL-AB-416	1E
2HS5438	DIESEL GEN RM 2B VENT FAN 2B	Switch	CAL-AB-416	1E
2HXSRW21A	21A SERVICE WATER PHE	Heat Exchanger	CAL-AB-205	1M,PB
2HXBD22	BLOWDOWN HEAT EXCHANGER 22	Heat Exchanger	CAL-AB-206	PB
2TKSRWHD22	SERVICE WATER HEAD TANK 22	Tank	CAL-AB-526	1M,PB
2HXCC21	COMPONENT COOLING HEAT EXCH 21	Heat Exchanger	CAL-AB-201	1M,PB
2LIA5611	COND STORAGE TANK 12 LVL B IND ALARM	Indicators, recorders	CAL-AB-405	PAM1,SBO
2ENGEDG2B	DIESEL GENERATOR 2B ENGINE	Internal Combustion Engine	CAL-AB-416	1E,PB,1M
2TK4780	2A DG LUBE OIL DAY TANK	Tank	CAL-AB-422	1M,PB
2TK4797	2B DG LUBE OIL DAY TANK	Tank	CAL-AB-416	1M,PB
2TK4802	2A DG JACKET WATER EXPANSION TANK	Tank	CAL-AB-422	1M,PB
2TK4810	2B DG JACKET WATER EXP TANK	Tank	CAL-AB-416	1M,PB
2TK4814	2A DG FUEL OIL DAY TANK	Tank	CAL-AB-422	1M,PB
2TK4824	2B DG FUEL OIL DAY TANK	Tank	CAL-AB-416	1M,PB
2TK4855	2B DG FO DRIP TANK	Tank	CAL-AB-416	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2I/P3939	STM GEN 21 ATM DMP VLV 2CV3939	Isolation devices and Converters	CAL-AB-408	PB
2XU-440-24A	480V XFMR U-440-24A	Other	CAL-AB-407	1E
2TKBAST22	22 BORIC ACID STORAGE TANK	Tank	CAL-AB-215	1M,PB
2PO5430	DIESEL RM 2A SUPPLY DAMPER	Pneumatic (Diaphragm or Cylinder) (AOD) Damper	CAL-AB-422	1M
2FT1581	CNTMT CLR 21 SERV WTR INLT	Transmitters	CAL-AB-206	1E,PB,PAM2,50 .49,1M
2FT1584	CNTMT CLR 22 SERV WTR INLT	Transmitters	CAL-AB-211	1E,PB,PAM2,50 .49,1M
2FT1589	CNTMT CLR 23 SERV WTR INLT	Transmitters	CAL-AB-206	1E,PB,PAM2,50 .49,1M
2FT1592	CNTMT CLR 24 SERV WTR INLT	Transmitters	CAL-AB-211	1E,PB,PAM2,50 .49,1M
2LT1565	SERV WTR HEAD TNK 22 LEVEL	Transmitters	CAL-AB-526	PB
2LT1579	SERV WTR HEAD TNK 21 LEVEL	Transmitters	CAL-AB-526	PB
2PT1573	SERVICE WATER HEADER 21 PRESS	Transmitters	CAL-AB-205	PAM2,PB
2PT1574	SERVICE WATER HEADER 22 PRESS	Transmitters	CAL-AB-205	PB
2FT5209	21A SRW HX SW OUTLET FLOW TRANSMITTER	Transmitters	CAL-AB-205	PB
2FT5210	21B SRW HX SW OUTLET FLOW TRANSMITTER	Transmitters	CAL-AB-205	PB
2FT5211	22A SRW HX SW OUTLET FLOW TRANSMITTER	Transmitters	CAL-AB-205	PB
2FT5212	22B SRW HX SW OUTLET FLOW TRANSMITTER	Transmitters	CAL-AB-205	PB
2PT5154	21A/21B SRW HX SW HEADER PT	Transmitters	CAL-AB-205	1E,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PT5157	22A/22B SRW HX SW HEADER PT	Transmitters	CAL-AB-205	1E,PB
2PT5203	SALT WATER PUMPS DISCHARGE HDR	Transmitters	CAL-ISPR-INT2	PAM2,PB
2PT5204	SALT WTR PUMPS REDUNDANT HDR	Transmitters	CAL-ISPR-INT2	PAM2,PB
2LT3820	COMPONENT COOLING HEAD TANK 21	Transmitters	CAL-AB-527	PB
2PT3814	COMP CLG PMP 21 DISCHARGE	Transmitters	CAL-AB-201	50.49,PB,PAM2
2PT3816	COMP CLG PMP 22 DISCHARGE	Transmitters	CAL-AB-201	50.49,PB,PAM2
2TT5430	DG RM 2A RM TEMP IND TRAN	Transmitters	CAL-AB-422	1M
2TT5438	DG RM 2B COOL FAN DAMPER CONT	Transmitters	CAL-AB-416	1M
2PT5428-2	21 SWGR HVAC CKT1 CNDSR FAN #2 CONTROL PRESS TRANSMITTER	Transmitters	CAL-AB-ARF	1E,PB
2PT5428-5	21 SWGR HVAC CKT2 CNDSR FAN #5 CONTROL PRESS TRANSMITTER	Transmitters	CAL-AB-ARF	1E,PB
2PT5428A2	22 SWGR HVAC CKT1 CNDSR FAN #2 CONTROL PRESS TRANSMITTER	Transmitters	CAL-AB-ARF	1E,PB
2PT5428A5	22 SWGR HVAC CKT2 CNDSR FAN #5 CONTROL PRESS TRANSMITTER	Transmitters	CAL-AB-ARF	1E,PB
2TT5426-1	21 SWGR HVAC RET AIR TEMP TRANSMITTER	Transmitters	CAL-AB-526	1E
2TT5426A1	22 SWGR HVAC RET AIR TEMP TRANSMITTER	Transmitters	CAL-AB-526	1E
2TT5427	21 SWGR HVAC OUTSIDE AIR TRANSMITTER	Transmitters	CAL-AB-526	1M
2TT5427A	22 SWGR HVAC OUTSIDE AIR TRANSMITTER	Transmitters	CAL-AB-526	1M
2FT212	CHARGING PUMPS DISCHARGE FLOW	Transmitters	CAL-AB-211	PB
2PT212	CHARGING PUMPS DISCHARGE PRESS	Transmitters	CAL-AB-211	PB
2PT212	CHARGING PUMPS DISCHARGE PRESS	Transmitters	CAL-AB-211	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2CV5149OP	2 EMER SW DISCH TO BAY CV ACT	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-ISPR-INT2	1M,PB
2CV1581	21 CAC NORM INLET	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-310	1M,PB
2CV3939OP	21 MS HDR ADV CV OPERATOR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2PT5313C	CONTMT 21 PRESS TO SIAS	Transmitters	CAL-AB-414	1E,PB
2PT5313D	CONTMT 21 PRESS TO SIAS	Transmitters	CAL-AB-414	1E,PB
2PT5314A	CONTMT 21 PRESS TO CSAS	Transmitters	CAL-AB-409	1E,PB
2PT5314B	CONTMT 21 PRESS TO CSAS	Transmitters	CAL-AB-409	1E,PB
2PT5314C	CONTMT 21 PRESS TO CSAS	Transmitters	CAL-AB-414	1E,PB
2PT5314D	CONTMT 21 PRESS TO CSAS	Transmitters	CAL-AB-414	1E,PB
2PT5315A	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-409	1E,PB
2PT5315B	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-409	1E,PB
2PT5315C	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-414	1E,PB
2PT5315D	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-414	1E,PB
2PT5316A	WEST PENET RM TO LETDWN ISO VLV	Transmitters	CAL-AB-203	1E
2PT5316B	WEST PENET RM TO LETDWN ISO VLV	Transmitters	CAL-AB-203	1E
2PT5316C	LETDWN HTEX RM TO LETDN ISO VLV	Transmitters	CAL-AB-319	1E
2PT5316D	LETDWN HTEX RM TO LETDN ISO VLV	Transmitters	CAL-AB-319	1E
2CV3939	21 MS HDR ATMOS DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2CV4070OP	21 MS SUPP STM TO AFW TUR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2FT306	LP SAFTY INJECT FLOW CONTROL	Transmitters	CAL-AB-201	50.49,PB,PAM2
2FT311	HPSI FLOW TO LOOP 21B	Transmitters	CAL-AB-203	50.49,PB,PAM2
2FT312	LPSI FLOW TO LOOP 21B	Transmitters	CAL-AB-203	50.49,PB,PAM2

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FT321	HPSI FLOW TO LOOP 21A	Transmitters	CAL-AB-203	50.49,PB,PAM2
2FT322	LPSI FLOW TO LOOP 21A	Transmitters	CAL-AB-203	50.49,PB,PAM2
2CV4070OP	21 MS SUPP STM TO AFW TUR	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4043	21 MSIV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV3938	22 MS HDR ATMOS DUMP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-408	PB,SBO
2FT341	HPSI FLOW TO LOOP 22A	Transmitters	CAL-AB-211	50.49,PB,PAM2
2FT342	LPSI FLOW TO LOOP 22A	Transmitters	CAL-AB-211	50.49,PB,PAM2
2CV1588OP	2A DG SRW SUPP VLV OP	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-422	1M,PB
2LT4143	REFUEL WTR TNK 21 LEVEL	Transmitters	CAL-AB-440	PAM2,PB
2PT301X	HP SAFETY INJECTION PMP 21	Transmitters	CAL-AB-101	PB
2PT301Y	HP SAFETY INJECTION PMP 22	Transmitters	CAL-AB-101	PB
2PT301Z	HPSI PMP 23 DISCH PRESS	Transmitters	CAL-AB-102	PB
2PT302X	LP SAFETY INJECT PMP 21 DISCH	Transmitters	CAL-AB-101	PB
2PT302Y	LP SAFETY INJECT PMP 22 DISCH	Transmitters	CAL-AB-102	PB
2PT304	LPSI PP 21 SUCT PRESSURE	Transmitters	CAL-AB-101	PB
2PT305	LPSI PP 22 SUCTION PRESSURE	Transmitters	CAL-AB-102	PB
2PT307	LPSI HEADER PRESSURE	Transmitters	CAL-AB-101	PB
2PT308	HPSI BACK-UP HEADER PRESSURE	Transmitters	CAL-AB-101	PB
2PT309	HPSI MAIN HEADER PRESSURE	Transmitters	CAL-AB-102	PB
2TT351X	SHUTDOWN COOLING OUTLET TEMP	Transmitters	CAL-AB-405	PAM2
2TT351Y	SHUTDOWN COOLING RETURN TEMP	Transmitters	CAL-AB-405	PAM2
2TT112CA	LOOP 21A COLD LEG TEMPERATURE	Transmitters	CAL-AB-311	1E,PAM1
2TT112CB	LOOP 21B COLD LEG TEMPERATURE	Transmitters	CAL-AB-407	1E,PAM1

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TT112CC	LOOP 21A COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT112CC	LOOP 21A COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT112CD	LOOP 21B COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT112CD	LOOP 21B COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT112HA	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-311	1E,PAM1
2TT112HB	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-407	1E,PAM1
2TT112HC	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT112HC	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT112HD	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT112HD	LOOP 21 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT122CA	LOOP 22A COLD LEG TEMPERATURE	Transmitters	CAL-AB-311	1E,PAM1
2TT122CB	LOOP 22B COLD LEG TEMP	Transmitters	CAL-AB-407	1E,PAM1
2TT122CC	LOOP 22A COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT122CC	LOOP 22A COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT122CD	LOOP 22B COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT122CD	LOOP 22B COLD LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT122HA	LOOP 22 HOT LEG TEMPERATURE	Transmitters	CAL-AB-311	1E,PAM1
2TT122HB	LOOP 22 HOT LEG TEMP/SUB CLG	Transmitters	CAL-AB-407	1E,PAM1
2TT122HC	LOOP 22 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT122HC	LOOP 22 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E
2TT122HD	LOOP 22 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2TT122HD	LOOP 22 HOT LEG TEMPERATURE	Transmitters	CAL-AB-405	1E,PAM1
2PT5307	CONTAINMENT 21 PRESSURE	Transmitters	CAL-AB-409	PAM1,PB
2PT5307	CONTAINMENT 21 PRESSURE	Transmitters	CAL-AB-409	PAM1,PB
2PT5308	CTMNT NARROW RANGE GUAGE PRESS	Transmitters	CAL-AB-409	PAM1,PB
2PT5308	CTMNT NARROW RANGE GUAGE PRESS	Transmitters	CAL-AB-409	PAM1,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PT5310	CNTMNT 21 PRESSURE	Transmitters	CAL-AB-414	PAM1,PB
2PT5310	CNTMNT 21 PRESSURE	Transmitters	CAL-AB-414	PAM1,PB
2PT3987	S/G AUX FD PMP TURB 21 STM IN	Transmitters	CAL-AFWPR-605	PB
2PT3989	S/G AUX FD PMP TURB 22 STM IN	Transmitters	CAL-AFWPR-605	PB
2PT3991	21 MS S/G OUTLET PT	Transmitters	CAL-AB-310	PB
2PT4008	22 MS S/G OUTLET PT	Transmitters	CAL-AB-310	PB
2PT4043B	MSIV 21 N2 SYSTEM PRESSURE TRANSMITTER	Transmitters	CAL-AB-309	PB
2PT4048B	MSIV 22 N2 SYSTEM PRESSURE TRANSMITTER	Transmitters	CAL-AB-309	PB
2DR17	AUX FEEDWATER SYSTEM	Trap-Air, Moisture, Steam, Oil	CAL-AB-309	PB
2PUMPSRW21	21 SERVICE WATER PUMP	Unknown	CAL-AB-205	1M,PB
2PUMPSRW21	21 SERVICE WATER PUMP	Unknown	CAL-AB-205	1M,PB
2PUMPSRW22	22 SERVICE WATER PUMP	Unknown	CAL-AB-205	1M,PB
2PUMPSRW22	22 SERVICE WATER PUMP	Unknown	CAL-AB-205	1M,PB
2CV4150	CNTMT SPRAY HDR 21 ISOL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-CTMT-229	1M,PB
2PUMPSRW23	23 SERVICE WATER PUMP	Unknown	CAL-AB-205	1M,PB
2CV4151	CNTMT SPRAY HDR 22 ISOL VALVE	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-CTMT-229	1M,PB
2PUMPSW21	21 SW PUMP	Unknown	CAL-ISPR-INT2	1M,PB
2PUMPSW21	21 SW PUMP	Unknown	CAL-ISPR-INT2	1M,PB
2PUMPSW22	22 SW PUMP	Unknown	CAL-AB-205	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PUMPSW22	22 SW PUMP	Unknown	CAL-AB-205	1M,PB
2PUMPSW23	23 SW PUMP	Unknown	CAL-ISPR-INT2	1M,PB
2CV5173	ECCS PP RM AIR CLR 22 WTR IN	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-201	1M,PB
2PUMPCC21	21 COMPONENT COOLING PUMP	Unknown	CAL-AB-201	1M,PB
2PUMPCC21	21 COMPONENT COOLING PUMP	Unknown	CAL-AB-201	1M,PB
2CV4070A	MS 2-CV-4070 BYPASS CV	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4070AOP	MS 2-CV-4070A VALVE OPERA	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2PUMPCC22	22 COMPONENT COOLING PUMP	Unknown	CAL-AB-201	1M,PB
2PUMPCC23	23 COMPONENT COOLING PUMP	Unknown	CAL-AB-201	1M,PB
2PUMPCC23	23 COMPONENT COOLING PUMP	Unknown	CAL-AB-201	1M,PB
2PUMPIA2058	UNIT 2 AUXILIARY FEEDWATER INSTRUMENT AIR SYSTEM AIR AMPLIFIER	Unknown	CAL-AB-205	PB
2PUMPDCWJMD2A	2A DG STDBY JACKET CLANT PP MD	Unknown	CAL-AB-422	1M,PB
2PUMPDFOMD2B	2B DG FO DRIP PUMP MD	Unknown	CAL-AB-416	PB
2PUMPDFOXFR2A	2A DG FO XFER PUMP	Unknown	CAL-AB-422	1M,PB
2PUMPDFOXFR2A	2A DG FO XFER PUMP	Unknown	CAL-AB-422	1M,PB
2PUMPDFOXFR2B	2B DG FO XFER PUMP	Unknown	CAL-AB-416	1M,PB
2PUMPDFOXFR2B	2B DG FO XFER PUMP	Unknown	CAL-AB-416	1M,PB
2PUMPDLOPLMD2A	2A DG PRELUBE PUMP MD	Unknown	CAL-AB-422	PB
2PUMPEPP4775	2A DG ENG DRIVEN AIR COOL PUMP	Unknown	CAL-AB-422	1M,PB
2PUMPEPP4777	2B DG ENG DRIVEN AIR COOL PUMP	Unknown	CAL-AB-416	1M,PB
2PUMPEPP4778	2A DG ENG DRIVEN LUBE OIL PUMP	Unknown	CAL-AB-422	1M,PB
2PUMPEPP4794	2B DG ENG DRIVEN LUBE OIL PUMP	Unknown	CAL-AB-416	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2PUMPEPP4802	2A DG ENG DRIVEN JKT CLNT PP	Unknown	CAL-AB-422	1M,PB
2PUMPEPP4810	2B DG ENG DRIVEN JKT CLNT PMP	Unknown	CAL-AB-416	1M,PB
2PUMPEPP4818	2A DG END DRIVEN FUEL OIL PP	Unknown	CAL-AB-422	1M,PB
2PUMPEPP4828	2B DG ENG DRIVEN FUEL OIL PUMP	Unknown	CAL-AB-416	1M,PB
2PUMPHPP4818	2A DG FUEL OIL HAND PRIMING PUMP	Unknown	CAL-AB-422	PB
2PUMPHPP4828	2B DG FO HAND PRIMING PP	Unknown	CAL-AB-416	PB
2PUMPCVCBA21	21 CVC BORIC ACID PUMP	Unknown	CAL-AB-215	1M,PB
2PUMPCVCBA21	21 CVC BORIC ACID PUMP	Unknown	CAL-AB-215	1M,PB
2PUMPCVCBA22	22 CVC BORIC ACID PUMP	Unknown	CAL-AB-215	1M,PB
2PUMPCVCBA22	22 CVC BORIC ACID PUMP	Unknown	CAL-AB-215	1M,PB
2CV4070AOP	MS 2-CV-4070A VALVE OPERA	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2CV4070	S/G 21 MS WITH HS IN AUTO TURB	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-309	1M,SBO,PB
2PUMPHPSI21	SI HPSI PUMP 21	Unknown	CAL-AB-101	1M,PB
2PUMPHPSI22	SI HPSI PUMP 22	Unknown	CAL-AB-102	1M,PB
2PUMPHPSI22	SI HPSI PUMP 22	Unknown	CAL-AB-102	1M,PB
2PUMPHPSI23	SI HPSI PUMP 23	Unknown	CAL-AB-102	1M,PB
2PUMPHPSI23	SI HPSI PUMP 23	Unknown	CAL-AB-102	1M,PB
2PUMPSILPSI21	SI LPSI PUMP 21	Unknown	CAL-AB-101	1M,PB
2PUMPSILPSI21	SI LPSI PUMP 21	Unknown	CAL-AB-101	1M,PB
2CV1637	TB SRW HDR 21 ISOL	Pneumatic (Diaphragm or Cylinder) (AOV)	CAL-AB-205	1M,PB
2PUMPSILPSI22	SI LPSI PUMP 22	Unknown	CAL-AB-102	1M,PB
2PUMPSIRWT21	SI REFUELING WATER PUMP 21	Unknown	CAL-AB-440	PB
2AVVSRW-262	12 SFP CLR DISCH AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-320	PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2AVVSRW-437	21 SRW RTN HDR AUTO VENT VLV	Valve or Damper, Unknown actuator	CAL-AB-226	1M,PB
2AVVSRW-579	21A SRW HX AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-580	21B SRW HX AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-581	22A SRW HX AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-582	22B SRW HX AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-583	HX 21A & B DISCH AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-584	HX 22A & B DISCH AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-585	SRW HIGH POINT AUTO VENT	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2AVVSRW-738	2A DG OUTLT AUTO VENT VLV	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB
2AVVSRW-744	2A DG OUTLT AUTO VENT VLV	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB
2AVVSRW-750	21 SRW HDR SUP TO 2A DG AUTO VENT VLV	Valve or Damper, Unknown actuator	CAL-AB-224	1M,PB
2AVVSRW-751	22 SRW HDR SUP TO 2B DG AUTO VENT VLV	Valve or Damper, Unknown actuator	CAL-AB-224	1M,PB
2AVVSRW-752	2B DG SERVICE WTR INLET AUTO VENT VALVE	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB
2AVVSRW-753	2B DG SERVICE WTR OUTLET AUTO VENT VALVE	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2AVVSW-485	CCW HX 21 SW OUTLET AUTO VENT VALVE	Valve or Damper, Unknown actuator	CAL - AB	PB
2AVVSW-486	CCW HX22 SW OUTLET AUTO VENT VALVE	Valve or Damper, Unknown actuator	CAL - AB	PB
2AVVSW-730	SRW HX 22 SW OUTLET AUTO VENT VALVE	Valve or Damper, Unknown actuator	CAL - AB	PB
2DT5201	SALT WTR AIR COMPRESSOR 21	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2DT5202	SALT WTR AIR COMPRESSOR 22	Valve or Damper, Unknown actuator	CAL-AB-205	PB
2PCV4510OP	IA AFW ACCUM PCV OP	Valve or Damper, Unknown actuator	CAL-AB-205	1M,PB
2PCV4520OP	2 IA AFW ACCUM PCV OPER	Valve or Damper, Unknown actuator	CAL-AB-205	1M,PB
2LCV4780	2A DG LUBE OIL SUMP LEVEL CONTROL	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB
2LCV4797	2B DG LUBE OIL SUMP CONTROL	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB
2TCV4775	DIESEL AIR CLR 2A TEMP CONT	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB
2TCV4777	DG AIR CLR TEMP CONT	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB
2TCV4778	2A DG LUBE OIL TEMP CONTROL	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB
2TCV4794	2B DG LUBE OIL TEMP CONT	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB
2TCV4802	2A DG JACKET WATER TEMP CONT	Valve or Damper, Unknown actuator	CAL-AB-422	1M,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TCV4810	2B DG JACKET WTR TEMP CONT	Valve or Damper, Unknown actuator	CAL-AB-416	1M,PB
2PCV3939B	2CV3939 VLV POS SUPPLY	Regulator	CAL-AB-408	PB
2PCV3938A	2I/P3938 IA SUPPLY	Regulator	CAL-AB-408	PB
2TCV5426-1	21 SWGR HVAC CKT1 THERMAL EXPANSION VALVE	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2TCV5426-2	21 SWGR HVAC CKT2 THERMAL EXPANSION VALVE	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2TCV5426A1	22 SWGR HVAC CKT1 THERMAL EXPANSION VALVE A	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2TCV5426A2	22 SWGR HVAC CKT1 THERMAL EXPANSION VALVE B	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2TCV5426A3	22 SWGR HVAC CKT2 THERMAL EXPANSION VALVE A	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2TCV5426A4	22 SWGR HVAC CKT2 THERMAL EXPANSION VALVE B	Valve or Damper, Unknown actuator	CAL-AB-526	PB
2FCV4042A	MSIV 21 CH.A HYDR FLOW CONTROL	Valve or Damper, Unknown actuator	CAL-AB-309	PB,SBO
2FCV4042B	MSIV 21 CH.B HYDR FLOW CONTROL	Valve or Damper, Unknown actuator	CAL-AB-309	PB,SBO
2FCV4045A	MSIV 21 CH.A EXERCISE VALVE	Valve or Damper, Unknown actuator	CAL-AB-309	1M,SBO
2FCV4045AOP	21 MS CH A HYD FCV OPERAT	Valve or Damper, Unknown actuator	CAL-AB-309	1M
2FCV4045B	MSIV 21 CH.B EXERCISE VALVE	Valve or Damper, Unknown actuator	CAL-AB-309	1M,SBO
2FCV4045BOP	21 MS CH.B HYD FCV OPERAT	Valve or Damper, Unknown actuator	CAL-AB-309	1M

ATTACHMENT 2
EQUIPMENT LISTS

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2FCV4047A	MSIV 22 CH.A HYDR FLOW CONTROL	Valve or Damper, Unknown actuator	CAL-AB-309	PB,SBO
2FCV4047B	MSIV 22 CH.B HYDR FLOW CONTROL	Valve or Damper, Unknown actuator	CAL-AB-309	PB,SBO
2FCV4050A	MSIV 22 CH.A EXERCISE VALVE	Valve or Damper, Unknown actuator	CAL-AB-309	1M,SBO,PB
2FCV4050AOP	22 MS CH.A HYD FCV OPERAT	Valve or Damper, Unknown actuator	CAL-AB-309	1M
2FCV4050B	MSIV 22 CH.B EXERCISE VALVE	Valve or Damper, Unknown actuator	CAL-AB-309	1M,SBO,PB
2FCV4050BOP	22 MS CH.B HYD FCV OPERAT	Valve or Damper, Unknown actuator	CAL-AB-309	1M
2PCV3939A	2I/P3939 IA SUPPLY	Regulator	CAL-AB-408	PB
2SV3986	AUX FEED PMP TURBINE 21 TRIP	Solenoid Valve that Controls another Component	CAL-AFWPR- 605	1E,SBO
2SV5313A	CNTMT PRESS XMITTERS CHAN A	Solenoid Valve that Controls another Component	CAL-AB-409	1E,PB
2SV5149	SALT WTR EMERG OUT	Solenoid Valve that Controls another Component	CAL-ISPR- INT2	SRQ
2BS5148	21A PHE INLET SW STRAINER	Strainer	CAL-AB-205	1M,PB
2HS5204A1	21 SWAC LCL/REMOTE HS	Switch	CAL-AB-532	1E
2HS5204A	SW AIR COMPR 21 CONTROL	Switch	CAL-AB-532	1E
2TKBAST21	21 BORIC ACID STORAGE TANK	Tank	CAL-AB-215	1M,PB
2TKCCHT21	COMPONENT COOLER HEAD TANK	Tank	CAL-AB-527	1M,PB
2TKRWT21	REFUELING WATER TANK 21	Tank	CAL-AB-440	1M,PB

**ATTACHMENT 2
EQUIPMENT LISTS**

Table B-1: Base Equipment After Screen 3

Component ID	Description	Classification	Location	Safety category
2TKSRWHD21	SERVICE WATER HEAD TANK 21	Tank	CAL-AB-526	1M,PB
2PT5315C	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-414	1E,PB
2PT5315D	CONTMT 21 PRESS TO CIS	Transmitters	CAL-AB-414	1E,PB
2PT5313A	CONTMT 21 PRESS TO SIAS	Transmitters	CAL-AB-409	1E,PB
2PT5313B	CONTMT 21 PRESS TO SIAS	Transmitters	CAL-AB-409	1E,PB
2FT331	HPSI FLOW TO LOOP 22B	Transmitters	CAL-AB-211	50.49,PB,PAM2
2FT332	LPSI FLOW TO LOOP 22B	Transmitters	CAL-AB-211	50.49,PB,PAM2
2LT4142	REFUEL WTR TNK 21 LEVEL	Transmitters	CAL-AB-440	PB
2LT1565	SERV WTR HEAD TNK 22 LEVEL	Transmitters	CAL-AB-526	PB
2PUMPAFWTD22	AUX FEED PUMP 22	Unknown	CAL-AFWPR-605	1M,SBO,PB

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
1	2BATT21	125V DC BATT 21	CAL-AB-305	1E	B-3	Y	15
2	2BKR152-2110	HIGH PRESSURE SAFETY INJECTION PUMP 23	CAL-AB-311	1E	3, 4	Y	3
3	2BKR52-21401	MCC 214R MN FD BKR	CAL-AB-532	1E	B-3	Y	3
4	2BS5148	21A PHE INLET SW STRAINER	CAL-AB-205	1M,PB	B-3	Y	0
5	2BUS2B01A	480V BUS 21A	CAL-AB-311	1E,SBO	B-3	y	2
6	2BUS2B01B	480V BUS 21B	CAL-AB-311	1E,SBO	B-3	y	2
7	2BUS2D01	125VDC BUS 21	CAL-AB-302	1E,SBO	B-3	Y	14
8	2CHGR22	BATTERY CHARGER 22	CAL-AB-302	1E	B-3	Y	16
9	2CHGR24	BATTERY CHARGER 24	CAL-AB-306	1E	B-3	Y	16
10	2COMPSWAC21A	21 SW AIR COMP A	CAL-AB-205	1M,PB	B-3	Y	12
11	2COMPSWAC21B	21 SW AIR COMP B	CAL-AB-205	1M,PB	B-3	Y	12
12	2COMPSWAC22A	22 SW AIR COMP A	CAL-AB-205	1M,PB	B-3	Y	12
13	2COMPSWAC22B	22 SW AIR COMP B	CAL-AB-205	1M,PB	B-3	Y	12
14	2CV1581	21 CAC NORM INLET	CAL-AB-310	1M,PB	B-3	Y	7
15	2CV1588OP	2A DG SRW SUPP VLV OP	CAL-AB-422	1M,PB	B-3	Y	7
16	2CV1637	TB SRW HDR 21 ISOL	CAL-AB-205	1M,PB	B-3	Y	7
17	2CV3938	22 MS HDR ATMOS DUMP	CAL-AB-408	PB,SBO	4	Y	7
18	2CV3939	21 MS HDR ATMOS DUMP	CAL-AB-408	PB,SBO	4	Y	7
19	2CV3939OP	21 MS HDR ADV CV OPERATOR	CAL-AB-408	PB,SBO	4	Y	7
20	2CV4048	22 MSIV	CAL-AB-309	1M,SBO,PB	4	Y	7
21	2CV4070	S/G 21 MS WITH HS IN AUTO TURB	CAL-AB-309	1M,SBO,PB	4	Y	7
22	2CV4070A	MS 2-CV-4070 BYPASS CV	CAL-AB-309	1M,SBO,PB	2, 4	Y	7
23	2CV4070AOP	MS 2-CV-4070A VALVE OPERA	CAL-AB-309	1M,SBO,PB	2, 4	Y	7
24	2CV4070OP	21 MS SUPP STM TO AFW TUR	CAL-AB-309	1M,SBO,PB	2, 4	Y	7

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
25	2CV4150	CNTMT SPRAY HDR 21 ISOL VALVE	CAL-CTMT-229	1M,PB	5	Y	7
26	2CV4151	CNTMT SPRAY HDR 22 ISOL VALVE	CAL-CTMT-229	1M,PB	5	Y	7
27	2CV5149OP	2 EMER SW DISCH TO BAY CV ACT	CAL-ISPR-INT2	1M,PB	B-3	Y	7
28	2CV5173	ECCS PP RM AIR CLR 22 WTR IN	CAL-AB-201	1M,PB	B-3	Y	7
29	2DAMP5426B	21 U RECIRC AIR DMPR	CAL-AB-526	1M,PB	B-3	N	10
30	2DISC189-2103A	2A DG TO DISC SW 2NA103	CAL-AB-422	1E	B-3	Y	0
31	2ENGEDG2B	DIESEL GENERATOR 2B ENGINE	CAL-AB-416	1E,PB,1M	B-3	Y	17
32	2ERV402	PZR PWR OP RV	CAL-CTMT-229E	PB,SBO	2	Y	0
33	2FAN0448A	ECCS PP RM CLR 22 FAN A	CAL-AB-102	1M	B-3	Y	9
34	2FANHVACCTCLR21	CONTAINMENT COOLER 21 FAN	CAL-CTMT-229S	PB	5	y	10
35	2FANHVACCTCLR22	CONTAINMENT COOLER 22 FAN	CAL-CTMT-229S	PB	5	y	10
36	2FANHVACCTCLR23	CONTAINMENT COOLER 23 FAN	CAL-CTMT-229S	PB	5	y	10
37	2FANHVACCTCLR24	CONTAINMENT COOLER 24 FAN	CAL-CTMT-229S	PB	5	Y	10
38	2FANHVACEDGS2A	2A DG RM SPLY FAN	CAL-AB-422	1M,PB	B-3	Y	9
39	2FANHVACPENETE21	21 PENET RM EXH FAN	CAL-AB-204	1M,PB	B-3	Y	9
40	2FANHVACSWGRS21	21 SWGR RM SPLY FAN	CAL-AB-526	1M,PB	B-3	Y	9
41	2FT321	HPSI FLOW TO LOOP 21A	CAL-AB-203	50.49,PB,PAM2	3, 4	Y	20
42	2FT322	LPSI FLOW TO LOOP 21B	CAL-AB-203	50.49,PB,PAM2	3,4	N	20
43	2GDHVAC/A-228	21 SWGR HVAC DISCH GRAV DMPR	CAL-AB-526	1M,PB	B-3	Y	10

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
44	2HS5204A	SW AIR COMPR 21 CONTROL	CAL-AB-532	1E	B-3	Y	0
45	2HS5204A1	21 SWAC LCL/REMOTE HS	CAL-AB-532	1E	B-3	Y	0
46	2HXBD22	BLOWDOWN HEAT EXCHANGER 22	CAL-AB-206	PB	4	N	21
47	2HXCC21	COMPONENT COOLING HEAT EXCH 21	CAL-AB-201	1M,PB	B-3	Y	21
48	2HXDSAA/CLR2A	2A DG AS COMPR AFT CLR	CAL-AB-422	PB	B-3	Y	21
49	2HXHVACSWGRCU21	21 SWGR HVAC CNDSR UNIT	CAL-AB-ARF	1M	B-3	Y	21
50	2HXSRW21A	21A SERVICE WATER PHE	CAL-AB-205	1M,PB	B-3	Y	21
51	2I/P3939	STM GEN 21 ATM DMP VLV 2CV3939	CAL-AB-408	PB	4	Y	0
52	2LIA5611	COND STORAGE TANK 12 LVL B IND ALARM	CAL-AB-405	PAM1,SBO	2, 4	Y	20
53	2LT1565	SERV WTR HEAD TNK 22 LEVEL	CAL-AB-526	PB	B-3	Y	20
54	2LT4142	REFUEL WTR TNK 21 LEVEL	CAL-AB-440	PB	3	Y	20
55	2M2AG03	2A DG AIR COMPRESSOR	CAL-AB-422	1E	B-3	Y	12
56	2MA412	23 SW PUMP MTR	CAL-ISPR-INT2	1E	B-3	Y	6
57	2MCC214R	480V MCC214R	CAL-AB-532	1E,SBO	B-3	y	1
58	2MOV4142OP	REFUELING WATER TANK DISCHARGE	CAL-AB-440	1E,MOV,1M	3	Y	8
59	2MOV4516	21 SG FW ISOL	CAL-AB-309	1E,PB,MOV,50.49,1M	5	Y	8
60	2MOV4517	22 SG FW ISOL	CAL-AB-309	1E,PB,MOV,50.49,1M	5	Y	8
61	2MOV508	22 BAST GRAVITY FD	CAL-AB-215	1E,PB,MOV,1M	1	N	8
62	2MOV509	21 BAST GRAVITY FD	CAL-AB-215	1E,PB,MOV,1M	1	N	8
63	2MOV514	BAPP'S TO CHG PP SUCT DIR	CAL-AB-215	1E,PB,MOV,1M	1	N	8
64	2MOV615	21B LPSI OUTLET MOV	CAL-AB-206	1E,PB,MOV,50.49,1M	3	N	8

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
65	2MOV625	21A LPSI LOOP ISOL	CAL-AB-206	1E,PB,MOV,50.49,1M	3	N	8
66	2MOV627	21A AUX HPSI LOOP ISOL	CAL-AB-310	1E,PB,MOV,50.49,1M	3, 4	Y	8
67	2NB102	CNTMT COOL FAN 21 CONTROLLER	CAL-AB-409	1E	5	Y	20
68	2PCV3938A	2I/P3938 IA SUPPLY	CAL-AB-408	PB	2, 4	Y	0
69	2PCV3939A	2I/P3939 IA SUPPLY	CAL-AB-408	PB	2, 4	Y	0
70	2PCV3939B	2CV3939 VLV POS SUPPLY	CAL-AB-408	PB	2, 4	Y	0
71	2PNL2C08	ENGINEERING SAFEGUARDS CONTROL	CAL-AB-405	CATI	B-3	Y	20
72	2PNL2C09	ENGINEERING SAFEGUARDS CONTROL	CAL-AB-405	CATI	B-3	Y	20
73	2PNL2C10	ENGINEERING SAFEGUARDS CONTROL	CAL-AB-405	CATI	B-3	Y	20
74	2PNL2C61B	2B DG LOCAL CONTROL PANEL	CAL-AB-416	CATI	B-3	Y	20
75	2PNL2C61C	2B DG LOCAL CONTROL PANEL	CAL-AB-416	CATI	B-3	Y	20
76	2PNL2C67	ESFAS ACT LOGIC & RELAY CAB A	CAL-AB-302	CATI	B-3	Y	20
77	2PNL2D11	125VDC PNL DC21 2D11	CAL-AB-302	1E,SBO	B-3	Y	2
78	2PO5430	DIESEL RM 2A SUPPLY DAMPER	CAL-AB-422	1M	B-3	Y	10
79	2PT5313A	CONTMT 21 PRESS TO SIAS	CAL-AB-409	1E,PB	B-3	Y	20
80	2PT5313B	CONTMT 21 PRESS TO SIAS	CAL-AB-409	1E,PB	B-3	Y	20
81	2PT5315C	CONTMT 21 PRESS TO CIS	CAL-AB-414	1E,PB	B-3	Y	20
82	2PT5315D	CONTMT 21 PRESS TO CIS	CAL-AB-414	1E,PB	B-3	Y	20
83	2PUMPAFWMD23	23 AUX FW MTR DRIVEN PP	CAL-AB-205	1M,PB	2, 4	Y	5
84	2PUMPAFWTD21	AUX FEED PUMP 21	CAL-AFWPR-605	1M,SBO,PB	2, 4	Y	5
85	2PUMPCC22	22 COMPONENT COOLING PUMP	CAL-AB-201	1M,PB	B-3	Y	5
86	2PUMPDFOXFR2A	2A DG FO XFER PUMP	CAL-AB-422	1M,PB	B-3	Y	5
87	2PUMPHPSI21	SI HPSI PUMP 21	CAL-AB-101	1M,PB	3, 4	Y	5

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
88	2PUMPHPSI22	SI HPSI PUMP 22	CAL-AB-102	1M,PB	3, 4	Y	5
89	2PUMPSICS21	21 CONTAINMENT SPRAY PUMP	CAL-AB-101	1M,PB	5	Y	5
90	2PUMPSICS22	22 CONTAINMENT SPRAY PUMP	CAL-AB-102	1M,PB	5	y	5
91	2PUMPSILPSI22	SI LPSI PUMP 22	CAL-AB-102	1M,PB	3, 4	N	5
92	2PUMPSRW23	23 SERVICE WATER PUMP	CAL-AB-205	1M,PB	B-3	Y	5
93	2PUMPSW23	23 SW PUMP	CAL-ISPR-INT2	1M,PB	B-3	Y	6
94	2RY150/151/T21A	480V SERV XFMR U-440-21A	CAL-AB-311	1E	B-3	y	0
95	2RY150/151/T21B	480V SERV XFMR U-440-21B	CAL-AB-311	1E	B-3	y	0
96	2RY2Y03A/64/B23	2Y03 INVERTER	CAL-AB-302	1E	B-3	Y	16
97	2RY51G/T21A	480V SERV XFMR U-440-21A GROUND RELAY	CAL-AB-311	1E	B-3	y	0
98	2RY51G/T21B	480V SERV XFMR U-440-21B GROUND RELAY	CAL-AB-311	1E	B-3	y	0
99	2RYRPS-K1	AUTO RX TRIP K1 RELAY	CAL-AB-405	1E	1	Y	18
100	2RYRPS-K4	AUTO RX TRIP K4 RELAY	CAL-AB-405	1E	1	Y	18
101	2SV3986	AUX FEED PMP TURBINE 21 TRIP	CAL-AFWPR-605	1E,SBO	B-3	Y	8
102	2SV5149	SALT WTR EMERG OUT	CAL-ISPR-INT2	SRQ	B-3	Y	8
103	2SV5313A	CNTMT PRESS XMITTERS CHAN A	CAL-AB-409	1E,PB	B-3	Y	8
104	2TCV5426-1	21 SWGR HVAC CKT1 THERMAL EXPANSION VALVE	CAL-AB-526	PB	B-3	Y	0
105	2TK4780	2A DG LUBE OIL DAY TANK	CAL-AB-422	1M,PB	B-3	Y	21
106	2TK4802	2A DG JACKET WATER EXPANSION TANK	CAL-AB-422	1M,PB	B-3	Y	21
107	2TKBAST21	21 BORIC ACID STORAGE TANK	CAL-AB-215	1M,PB	1	N	21
108	2TKCCHT21	COMPONENT COOLER HEAD TANK	CAL-AB-527	1M,PB	B-3	Y	21
109	2TKRWT21	REFUELING WATER TANK 21	CAL-AB-440	1M,PB	3	Y	21

ATTACHMENT 2
EQUIPMENT LISTS

Table B-2: Calvert Cliffs Nuclear Power Plant Unit 2 – SWEL 1

#	Component ID	Description	Location	Safety category	Safety Function Supported	PRA Significant	Component Class
110	2TKSRWHD21	SERVICE WATER HEAD TANK 21	CAL-AB-526	1M,PB	B-3	Y	21
111	2XU-440-24A	480V XFMR U-440-24A	CAL-AB-407	1E	B-3	Y	4

ATTACHMENT (3)

WALKDOWN CHECKLISTS

ATTACHMENT (4)

AREA WALK-BY CHECKLIST

ATTACHMENT 3
WALKDOWN CHECKLISTS

Table C-1: Seismic Walkdown Checklists

#	Component ID	Description	Anchorage Verification Confirmed?	Page
1	2BATT21	125V DC BATT 21	Yes	C-4
2	2BKR152-2110	HIGH PRESSURE SAFETY INJECTION PUMP 23	No	C-8
3	2BKR52-21401	MCC 214R MN FD BKR	N/A	C-18
4	2BS5148	21A PHE INLET SW STRAINER	Yes	C-21
5	2BUS2B01A	480V BUS 21A	Yes	C-26
6	2BUS2B01B	480V BUS 21B	No	C-32
7	2BUS2D01	125VDC BUS 21	Yes	C-37
8	2CHGR22	BATTERY CHARGER 22	Yes	C-43
9	2CHGR24	BATTERY CHARGER 24	Yes	C-48
10	2COMPSWAC21A	21 SW AIR COMP A	No	C-52
11	2COMPSWAC21B	21 SW AIR COMP B	No	C-57
12	2COMPSWAC22A	22 SW AIR COMP A	Yes	C-62
13	2COMPSWAC22B	22 SW AIR COMP B	Yes	C-67
14	2CV1581	21 CAC NORM INLET	N/A	C-72
15	2CV1588OP	2A DG SRW SUPP VLV OP	N/A	C-76
16	2CV1637	TB SRW HDR 21 ISOL	N/A	C-79
20	2CV4048	21 MSIV	N/A	C-85
21	2CV4070	S/G 21 MS WITH HS IN AUTO TURB	N/A	C-92
22	2CV4070A	MS 2-CV-4070 BYPASS CV	N/A	C-98
23	2CV4070AOP	MS 2-CV-4070A VALVE OPERA	N/A	C-104
24	2CV4070OP	21 MS SUPP STM TO AFW TUR	N/A	C-107
27	2CV5149OP	2 EMER SW DISCH TO BAY CV ACT	N/A	C-110
28	2CV5173	ECCS PP RM AIR CLR 22 WTR IN	N/A	C-115
29	2DAMP5426B	21 U RECIRC AIR DMPR	N/A	C-120
30	2DISC189-2103A	2A DG TO DISC SW 2NA103	Yes	C-123
31	2ENGEDG2B	DIESEL GENERATOR 2B ENGINE	Yes	C-129
33	2FAN0448A	ECCS PP RM CLR 22 FAN A	No	C-134
38	2FANHVACEDGS2A	2A DG RM SPLY FAN	No	C-139
39	2FANHVACPENETE21	21 PENET RM EXH FAN	No	C-143
40	2FANHVACSWGRS21	21 SWGR RM SPLY FAN	Yes	C-147
41	2FT321	HPSI FLOW TO LOOP 22B	Yes	C-152
42	2FT322	LPSI FLOW TO LOOP 22B	Yes	C-156
43	2GDHVAC/A-228	21 SWGR HVAC DISCH GRAV DMPR	N/A	C-166
44	2HS5204A	SW AIR COMPR 21 CONTROL	N/A	C-170
45	2HS5204A1	21 SWAC LCL/REMOTE HS	Yes	C-176
46	2HXBD22	BLOWDOWN HEAT EXCHANGER 22	No	C-181
47	2HXCC21	COMPONENT COOLING HEAT EXCH 21	Yes	C-187
48	2HXDSAA/CLR2A	2A DG AS COMPR AFT CLR	N/A	C-193

ATTACHMENT 3
WALKDOWN CHECKLISTS

Table C-1: Seismic Walkdown Checklists

#	Component ID	Description	Anchorage Verification Confirmed?	Page
49	2HXHVACSWGRCU21	21 SWGR HVAC CNDSR UNIT	Yes	C-197
50	2HXSrw21A	21A SERVICE WATER PHE	No	C-201
51	2I/P3939	STM GEN 21 ATM DMP VLV 2CV3939	No	C-209
52	2LIA5611	COND STORAGE TANK 12 LVL B IND ALARM	Yes	C-214
53	2LT1565	SERV WTR HEAD TNK 22 LEVEL	Yes	C-218
54	2LT4142	REFUEL WTR TNK 21 LEVEL	Yes	C-222
55	2M2AG03	2A DG AIR COMPRESSOR	Yes	C-226
56	2MA412	23 SW PUMP MTR	Yes	C-230
57	2MCC214R	480V MCC214R	Yes	C-234
58	2MOV4142OP	REFUELING WATER TANK DISCHARGE	N/A	C-240
59	2MOV4516	21 SG FW ISOL	N/A	C-245
60	2MOV4517	22 SG FW ISOL	N/A	C-251
61	2MOV508	22 BAST GRAVITY FD	N/A	C-257
62	2MOV509	21 BAST GRAVITY FD	N/A	C-262
63	2MOV514	BAPP'S TO CHG PP SUCT DIR	N/A	C-266
64	2MOV615	21B LPSI OUTLET MOV	N/A	C-272
65	2MOV625	21A LPSI LOOP ISOL	N/A	C-277
66	2MOV627	21A AUX HPSI LOOP ISOL	N/A	C-282
67	2NB102	CNTMT COOL FAN 21 CONTROLLER	No	C-286
68	2PCV3938A	2I/P3938 IA SUPPLY	No	C-290
69	2PCV3939A	2I/P3939 IA SUPPLY	Yes	C-294
70	2PCV3939B	2CV3939 VLV POS SUPPLY	No	C-298
71	2PNL2C08	ENGINEERING SAFEGUARDS CONTROL	Yes	C-301
72	2PNL2C09	ENGINEERING SAFEGUARDS CONTROL	Yes	C-308
73	2PNL2C10	ENGINEERING SAFEGUARDS CONTROL	No	C-315
74	2PNL2C61B	2B DG LOCAL CONTROL PANEL	Yes	C-322
75	2PNL2C61C	2B DG LOCAL CONTROL PANEL	No	C-327
76	2PNL2C67	ESFAS ACT LOGIC & RELAY CAB A	Yes	C-331
77	2PNL2D11	125VDC PNL DC21 2D11	Yes	C-337
78	2PO5430	DIESEL RM 2A SUPPLY DAMPER	Yes	C-342
79	2PT5313A	CONTMT 21 PRESS TO SIAS	Yes	C-346
80	2PT5313B	CONTMT 21 PRESS TO SIAS	No	C-351
81	2PT5315C	CONTMT 21 PRESS TO CIS	No	C-357
82	2PT5315D	CONTMT 21 PRESS TO CIS	Yes	C-361
83	2PUMPAFWMD23	23 AUX FW MTR DRIVEN PP	Yes	C-366
84	2PUMPAFWTD21	AUX FEED PUMP 21	Yes	C-372
85	2PUMPCC22	22 COMPONENT COOLING PUMP	Yes	C-383
86	2PUMPDFOXFR2A	2A DG FO XFER PUMP	No	C-389

ATTACHMENT 3
WALKDOWN CHECKLISTS

Table C-1: Seismic Walkdown Checklists

#	Component ID	Description	Anchorage Verification Confirmed?	Page
87	2PUMPHPSI21	SI HPSI PUMP 21	No	C-392
88	2PUMPHPSI22	SI HPSI PUMP 22	Yes	C-400
89	2PUMPSICS21	21 CONTAINMENT SPRAY PUMP	Yes	C-402
90	2PUMPSICS22	22 CONTAINMENT SPRAY PUMP	Yes	C-411
91	2PUMPSILPSI22	SI LPSI PUMP 22	Yes	C-414
92	2PUMPSRW23	23 SERVICE WATER PUMP	Yes	C-417
93	2PUMPSW23	23 SW PUMP	No	C-426
94	2RY150/151/T21A	480V SERV XFMR U-440-21A	Yes	C-430
95	2RY150/151/T21B	480V SERV XFMR U-440-21B	No	C-436
96	2RY2Y03A/64/B23	2Y03 INVERTER	Yes	C-441
97	2RY51G/T21A	480V SERV XFMR U-440-21A GROUND RELAY	N/A	C-446
98	2RY51G/T21B	480V SERV XFMR U-440-21B GROUND RELAY	N/A	C-449
99	2RYRPS-K1	AUTO RX TRIP K1 RELAY	N/A	C-452
100	2RYRPS-K4	AUTO RX TRIP K4 RELAY	Yes	C-457
101	2SV3986	AUX FEED PMP TURBINE 21 TRIP	N/A	C-462
102	2SV5149	SALT WTR EMERG OUT	N/A	C-466
103	2SV5313A	CNTMT PRESS XMITTERS CHAN A	N/A	C-471
104	2TCV5426-1	21 SWGR HVAC CKT1 THERMAL EXPANSION VALVE	N/A	C-476
105	2TK4780	2A DG LUBE OIL DAY TANK	Yes	C-480
106	2TK4802	2A DG JACKET WATER EXPANSION TANK	No	C-484
107	2TKBAST21	21 BORIC ACID STORAGE TANK	No	C-489
108	2TKCCHT21	COMPONENT COOLER HEAD TANK	Yes	C-495
109	2TKRWT21	REFUELING WATER TANK 21	Yes	C-500
110	2TKSRWHD21	SERVICE WATER HEAD TANK 21	Yes	C-507
111	2XU-440-24A	480V XFMR U-440-24A	Yes	C-513

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BATT21

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 21

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-305

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

 2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

 3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

 4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

 5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) No
Anchored by one 1/2" CEA per outer base plates

 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? No
Need plant documentation to determine if anchorage is consistent with as-built sketch. CR-2012-009780
-

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BATT21

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 21

Interaction Effects

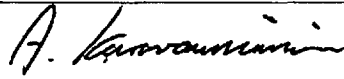
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Masonry block walls, identified as L, M, and O on drawing A-258, are safety-related and thus seismically rated per IE Bulletin 80-11.
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

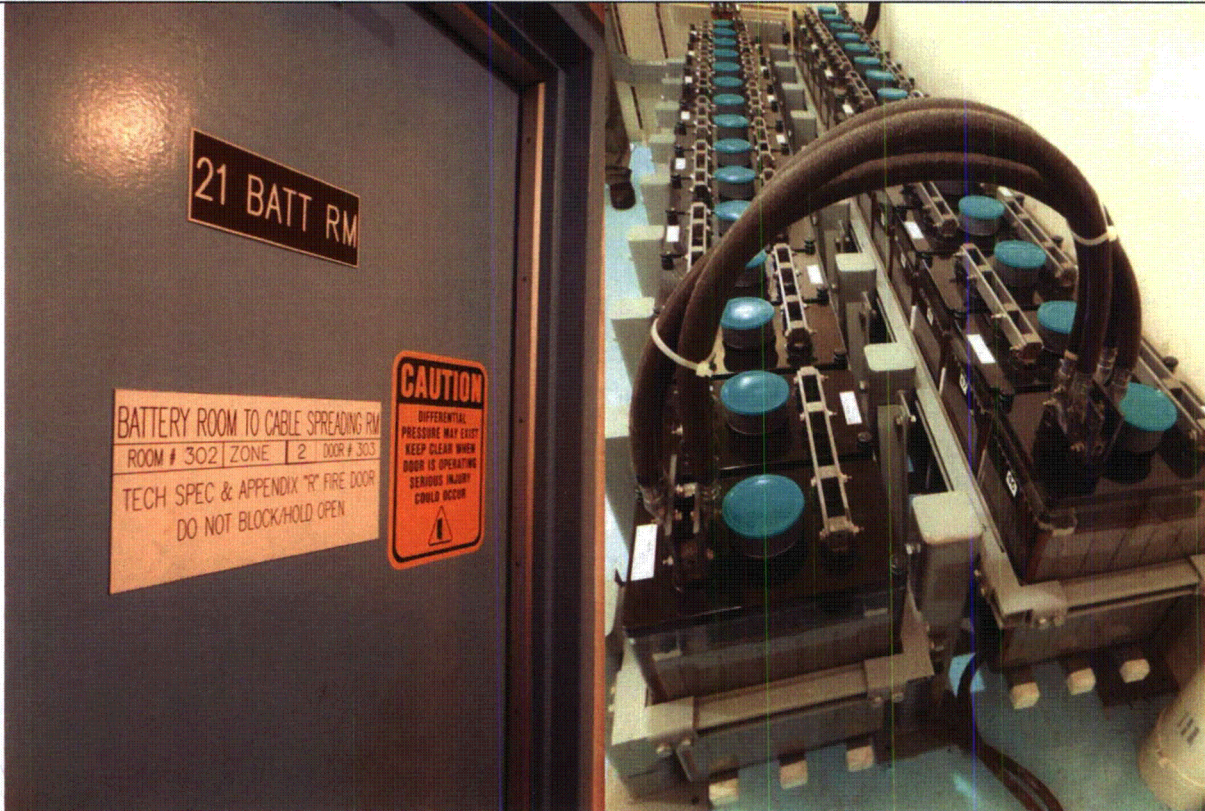
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Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BATT21

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 21

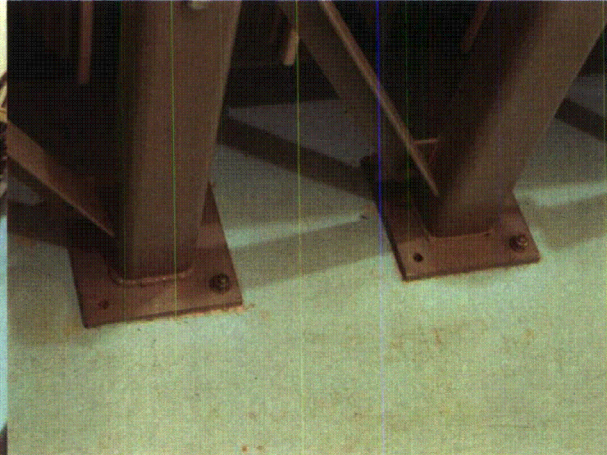


2BATT21 8-14-12 008

2BATT21 8-14-12 009



2BATT21 8-14-12 010



2BATT21 8-14-12 011

ATTACHMENT 3
WALKDOWN CHECKLISTS

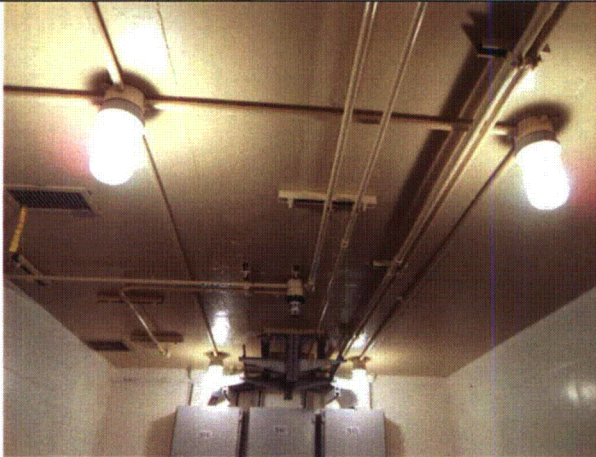
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BATT21

Equipment Class: (15) Batteries on Racks

Equipment Description: 125V DC BATT 21



2BATT21 8-14-12 012



2BATT21 8-14-12 013

ATTACHMENT 3

WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-311

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No
Part of a long line of SWGRs cannot see anchorage, anchorage is inside energized Bus

2. Is the anchorage free of bent, broken, missing or loose hardware? No
Anchorage is inaccessible.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? No
Anchorage is inaccessible.

4. Is the anchorage free of visible cracks in the concrete near the anchors? No
Anchorage is inaccessible.

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? No
Anchorage is inaccessible.

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23

Interaction Effects

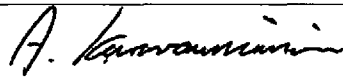
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
*Masonry block walls, identified as P and Q on drawing A-258, are safety-related and thus seismically rated per IE Bulletin 80-11.
Observed a scaffold behind the bus. The scaffold is tagged as "Seismic - No", however it is wedged between the floor and ceiling on one side, has minimal bracing and there are conduits in its path to the bus, therefore judged not to be credible seismic hazard.*
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? No
Cabinet is inaccessible for internal inspection.
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

ATTACHMENT 3 WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23

Photos



2BKR152-2110 8-15-12 125



2BKR152-2110 8-15-12 126

ATTACHMENT 3
WALKDOWN CHECKLISTS

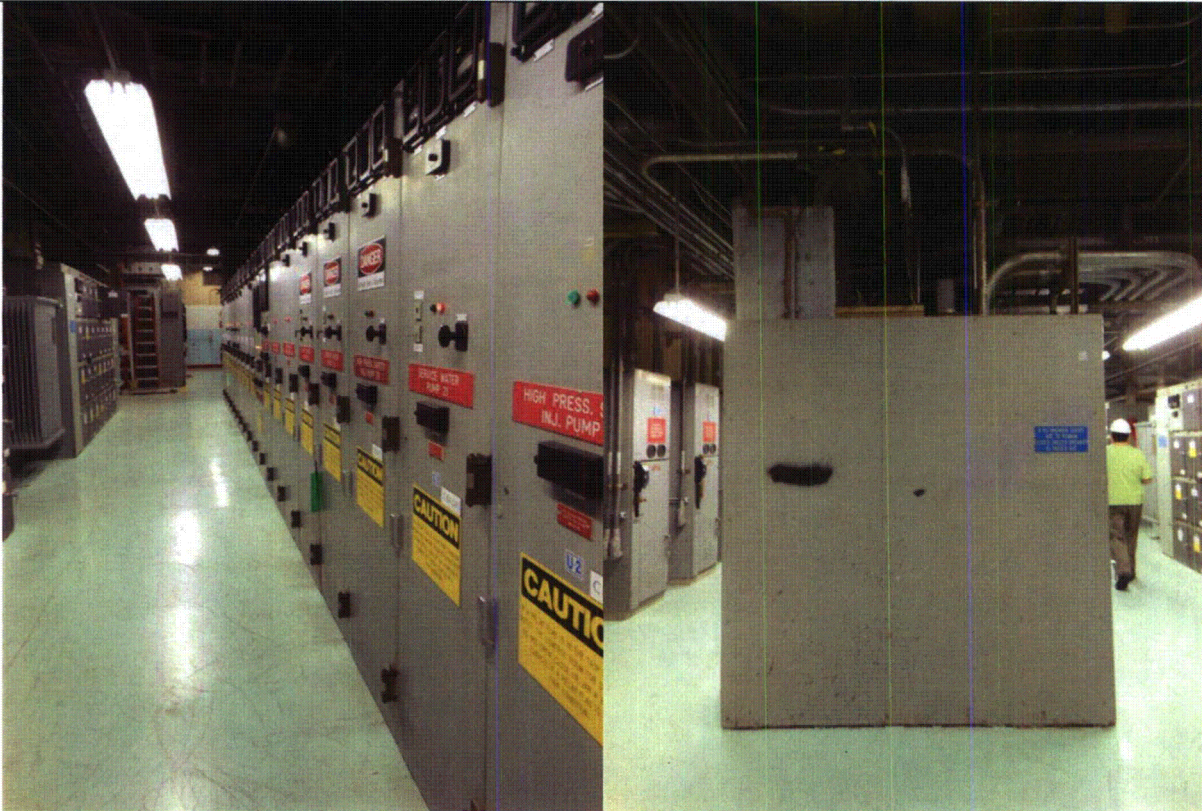
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 127

2BKR152-2110 8-15-12 128

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 129

2BKR152-2110 8-15-12 130

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 131

2BKR152-2110 8-15-12 132

ATTACHMENT 3

WALKDOWN CHECKLISTS

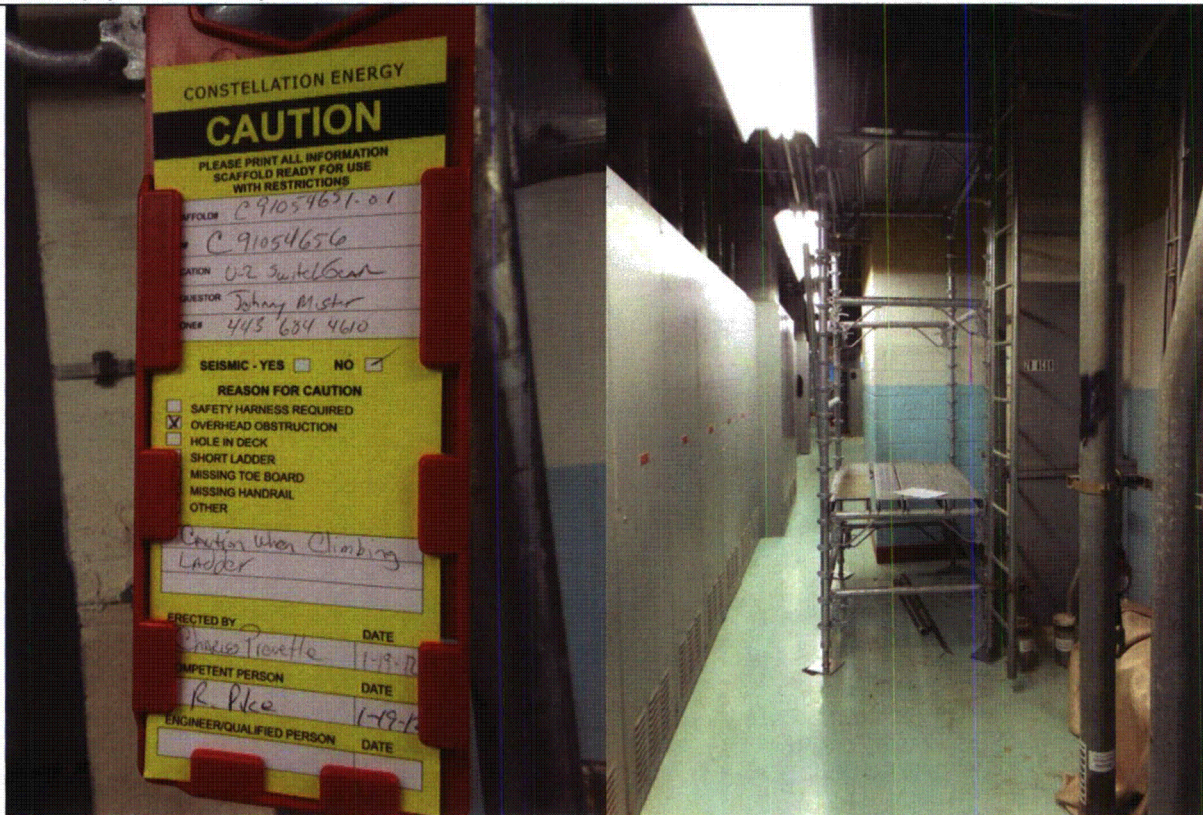
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 133

2BKR152-2110 8-15-12 134

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 135



2BKR152-2110 8-15-12 136

ATTACHMENT 3
WALKDOWN CHECKLISTS

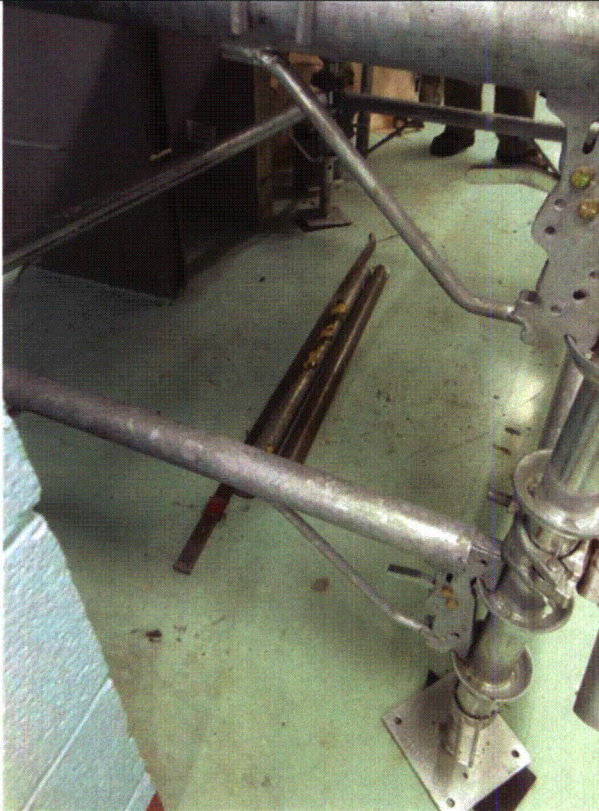
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Seismic Walkdown Checklist (SWC)

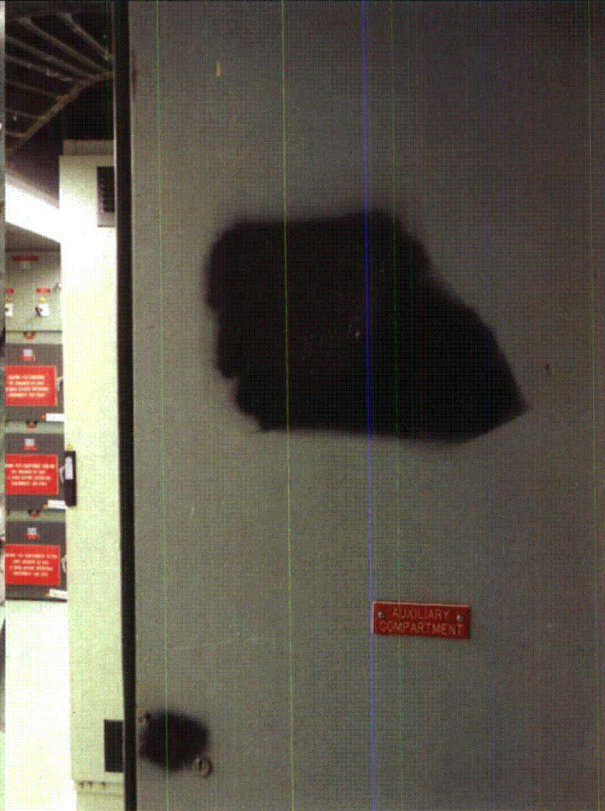
Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 137



2BKR152-2110 8-15-12 138

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR152-2110

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: HIGH PRESSURE SAFETY INJECTION PUMP 23



2BKR152-2110 8-15-12 139

2BKR152-2110 8-15-12 140



2BKR152-2110 8-15-12 141

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR52-21401

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: MCC 214R MN FD BKR

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 70.00 ft, CAL-AB-532

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- | | |
|--|----------------|
| 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?
<i>This breaker is part of 2MCC214R.</i> | No |
| 2. Is the anchorage free of bent, broken, missing or loose hardware? | Yes |
| 3. Is the anchorage free of corrosion that is more than mild surface oxidation? | Yes |
| 4. Is the anchorage free of visible cracks in the concrete near the anchors? | Yes |
| 5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? | Yes |

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR52-21401

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: MCC 214R MN FD BKR

Interaction Effects

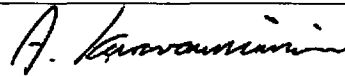
7. Are soft targets free from impact by nearby equipment or structures? Yes
Ladder behind MCC, tied on top and properly restrained.
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
Heaters at 6' and 8' from MCC -valve has sufficient gap approximately 2" - vertical support, therefore ok
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3

WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BKR52-21401

Equipment Class: (3) Medium Voltage Switchgear

Equipment Description: MCC 214R MN FD BKR



2BKR52-21401 8-9-12 108



2BKR52-21401 8-9-12 109

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BS5148

Equipment Class: (0) Other

Equipment Description: 21A PHE INLET SW STRAINER

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 5.00 ft, CAL-AB-205

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Yes
Anchorage is consistent with drawing 15077-0004 SH001.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BS5148

Equipment Class: (0) Other

Equipment Description: 21A PHE INLET SW STRAINER

Interaction Effects

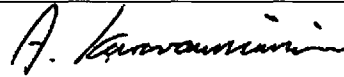
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

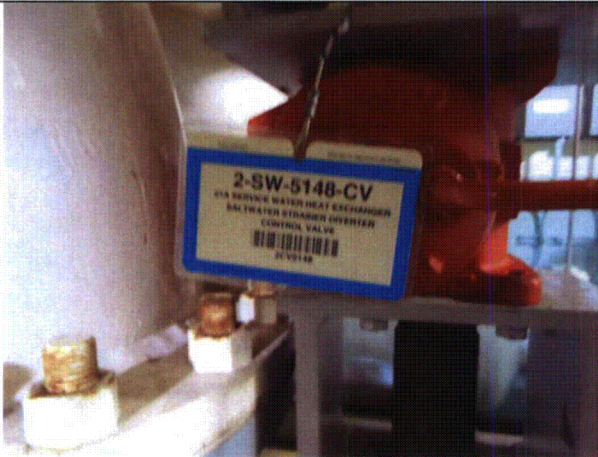
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Seismic Walkdown Checklist (SWC)

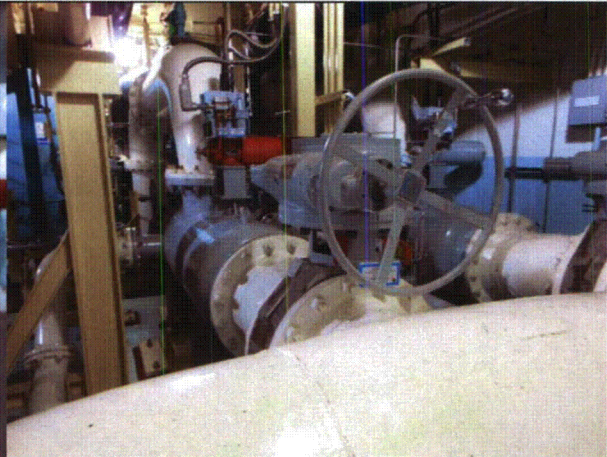
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Equipment Class: (0) Other

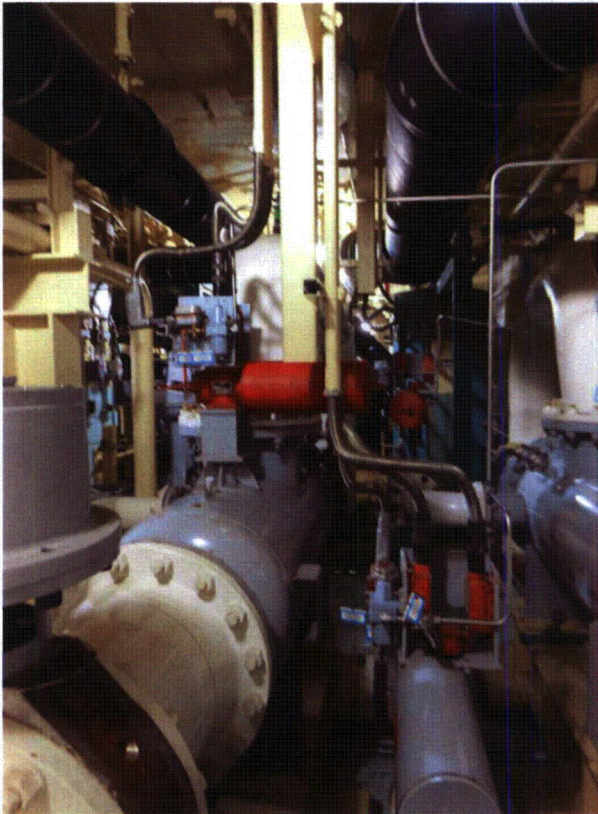
Equipment Description: 21A PHE INLET SW STRAINER



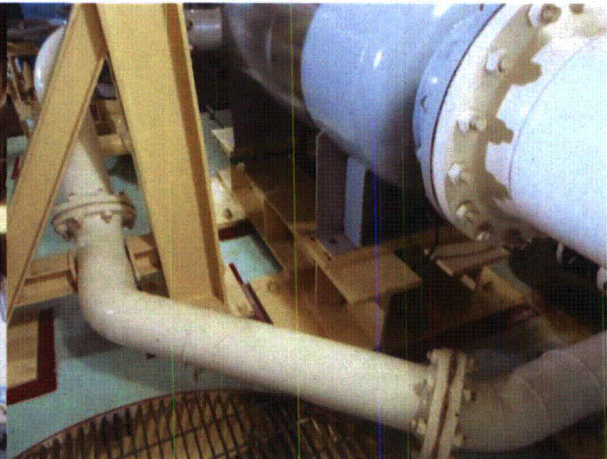
2BS5148 8-6-12 243



2BS5148 8-6-12 244



2BS5148 8-6-12 245



2BS5148 8-6-12 246

ATTACHMENT 3
WALKDOWN CHECKLISTS

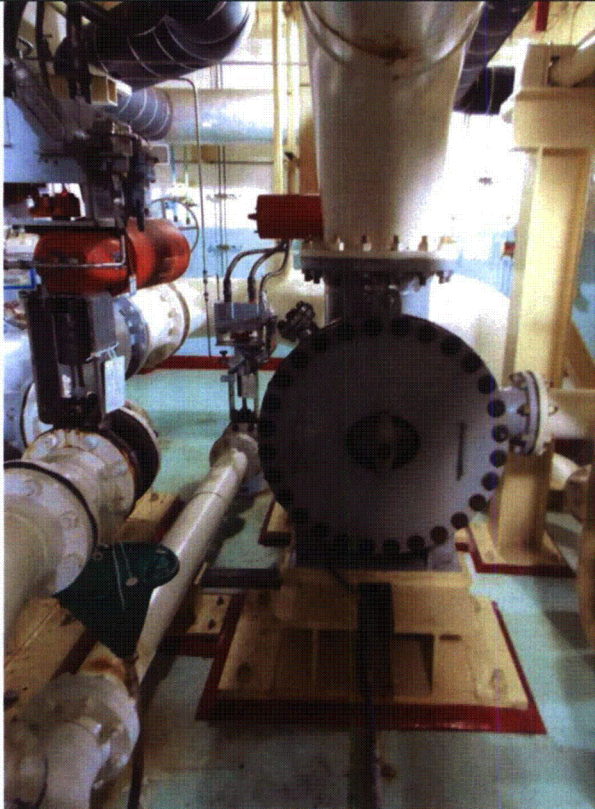
Status: Y N U

Seismic Walkdown Checklist (SWC)

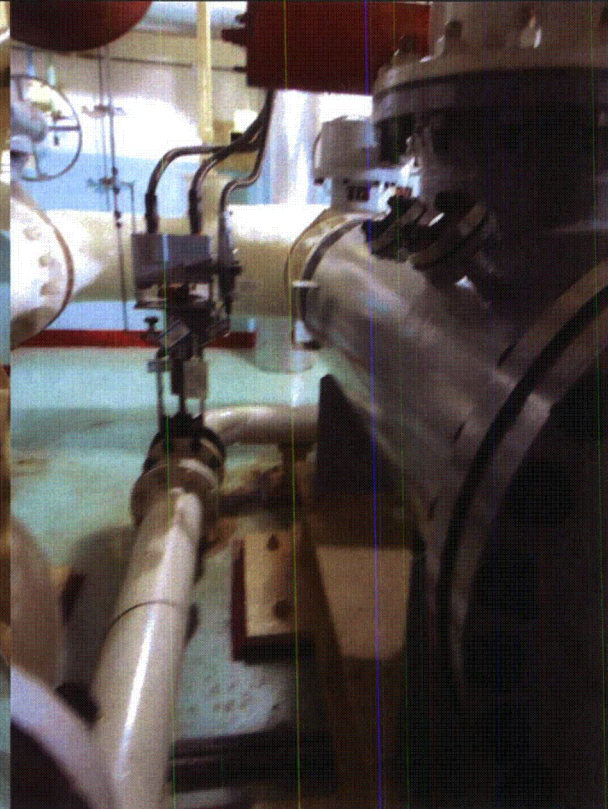
Equipment ID No.: 2BS5148

Equipment Class: (0) Other

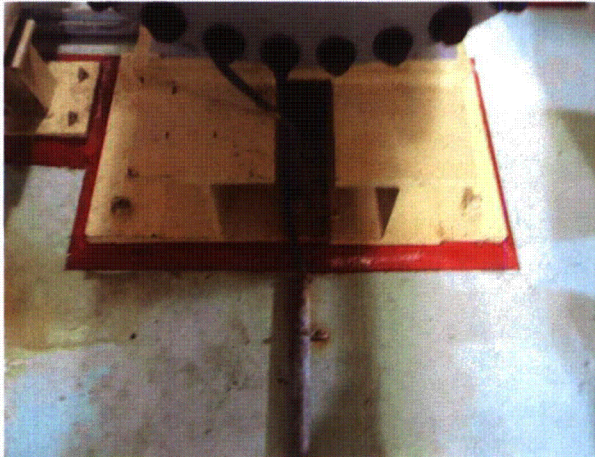
Equipment Description: 21A PHE INLET SW STRAINER



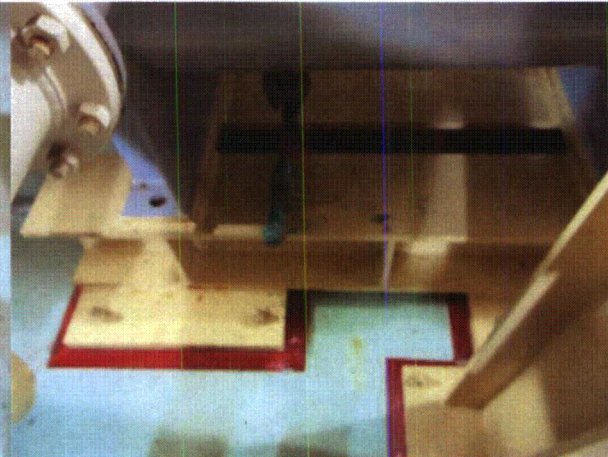
2BS5148 8-6-12 247



2BS5148 8-6-12 248



2BS5148 8-6-12 249



2BS5148 8-6-12 250

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

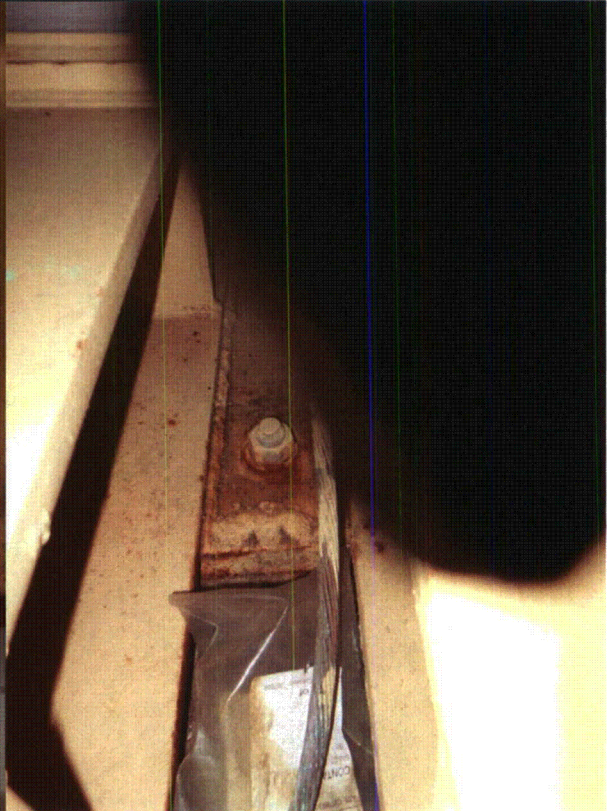
Equipment ID No.: 2BS5148

Equipment Class: (0) Other

Equipment Description: 21A PHE INLET SW STRAINER



2BS5148 8-6-12 251



2BS5148 8-6-12 252

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01A

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21A

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-311

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- | | |
|---|-----|
| 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?
<i>Anchorage is inaccessible</i> | Yes |
| 2. Is the anchorage free of bent, broken, missing or loose hardware?
<i>Anchorage is inaccessible.</i> | No |
| 3. Is the anchorage free of corrosion that is more than mild surface oxidation?
<i>Anchorage is inaccessible.</i> | No |
| 4. Is the anchorage free of visible cracks in the concrete near the anchors?
<i>Anchorage is inaccessible.</i> | No |
| 5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.)
<i>Anchorage is inaccessible.</i> | No |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?
<i>Anchorage is inaccessible.</i> | No |

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01A

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21A

Interaction Effects

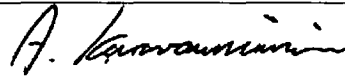
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3

WALKDOWN CHECKLISTS

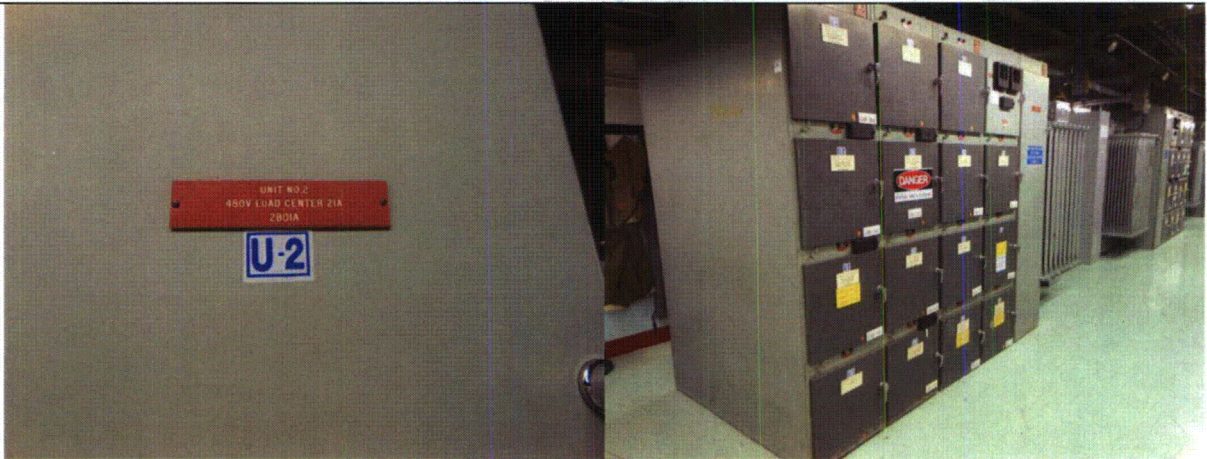
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01A

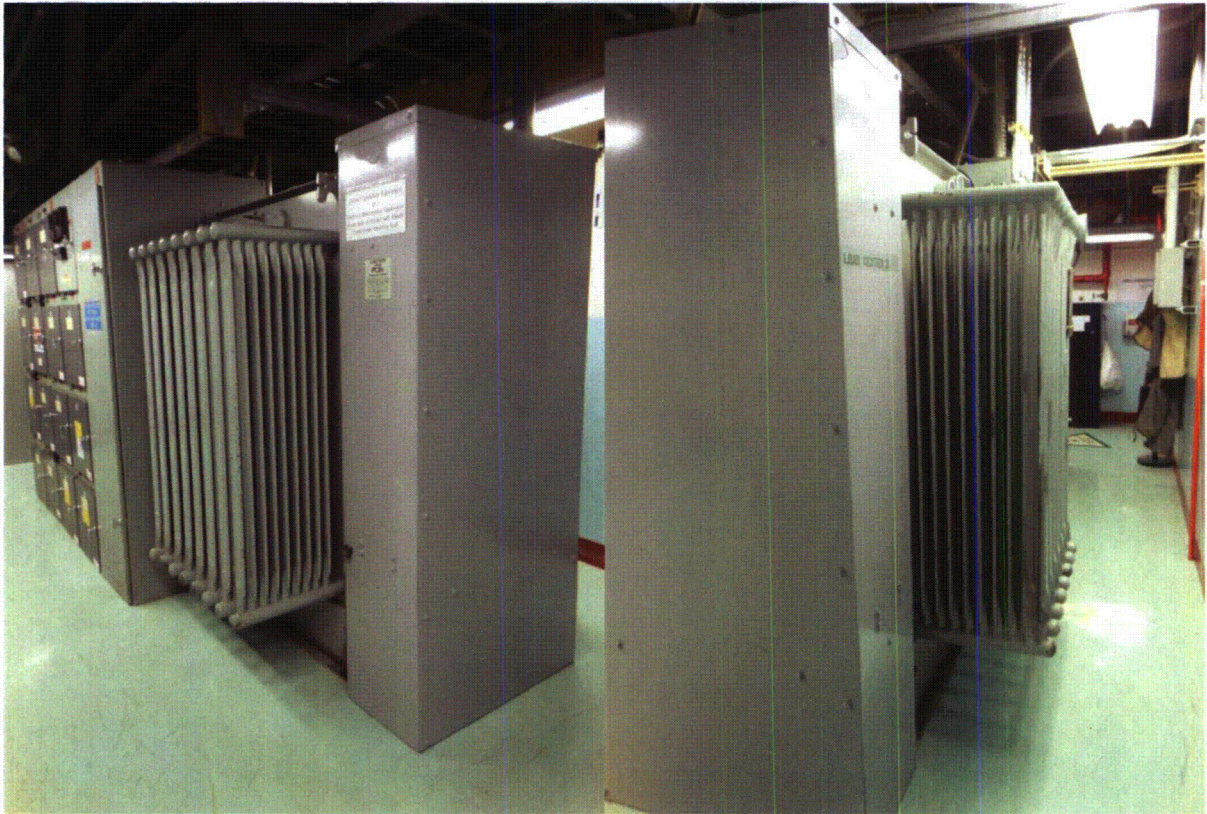
Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21A



2BUS2B01A 8-15-12 104

2BUS2B01A 8-15-12 105



2BUS2B01A 8-15-12 106

2BUS2B01A 8-15-12 107

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

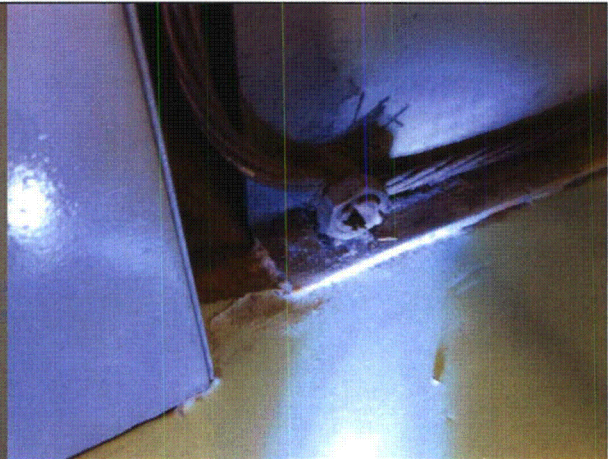
Equipment ID No.: 2BUS2B01A

Equipment Class: (2) Low Voltage Switchgear

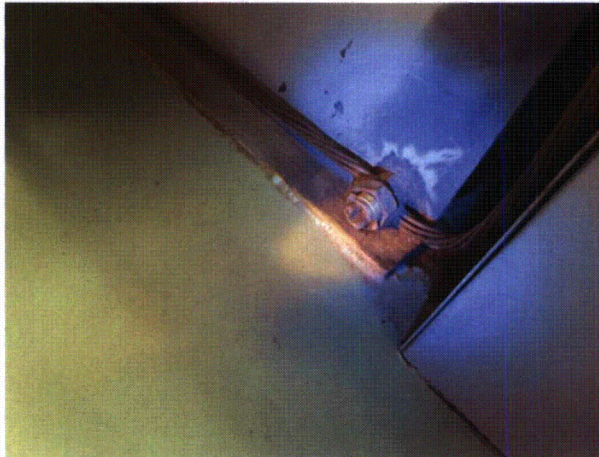
Equipment Description: 480V BUS 21A



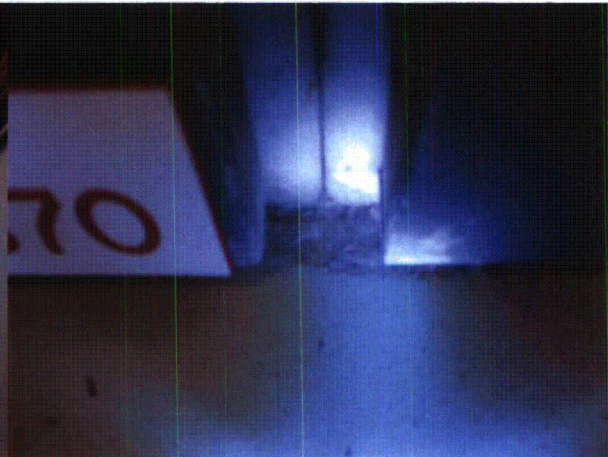
2BUS2B01A 8-15-12 108



2BUS2B01A 8-15-12 109



2BUS2B01A 8-15-12 110



2BUS2B01A 8-15-12 111

ATTACHMENT 3

WALKDOWN CHECKLISTS

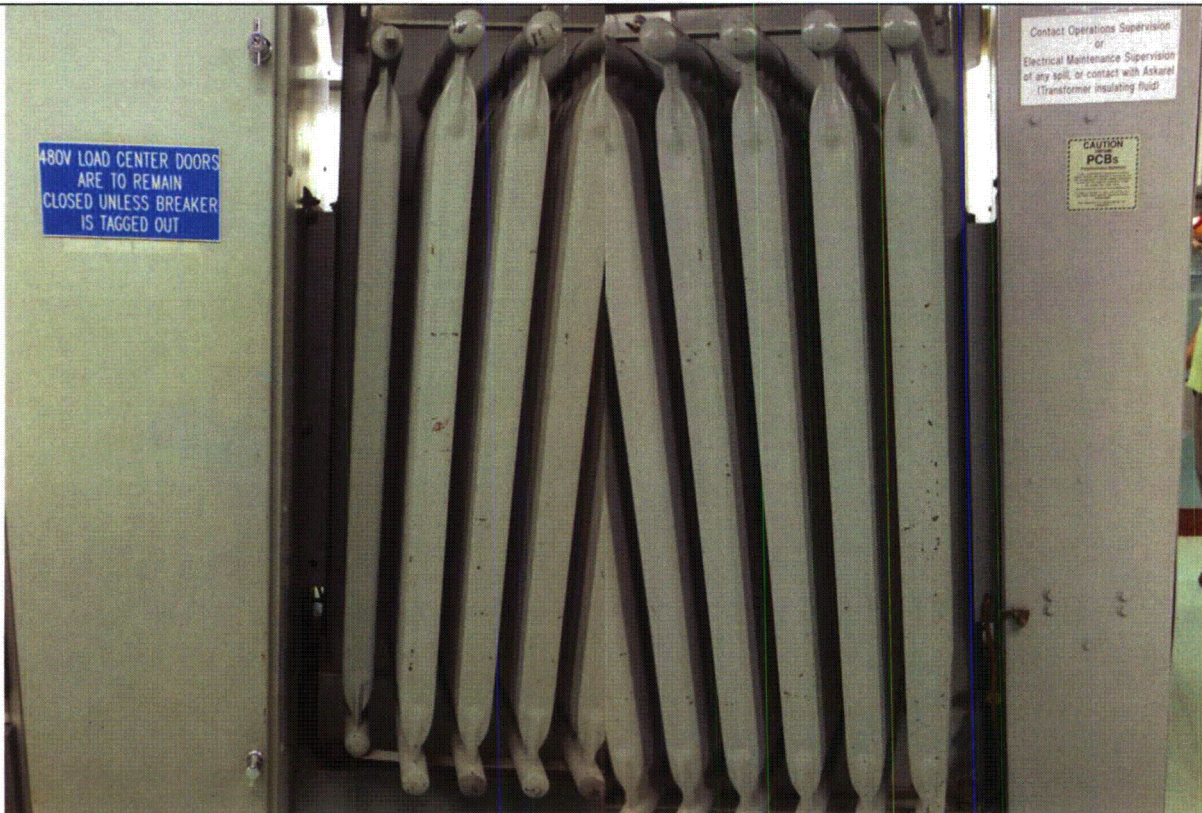
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01A

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21A



2BUS2B01A 8-15-12 112

2BUS2B01A 8-15-12 113

ATTACHMENT 3
WALKDOWN CHECKLISTS

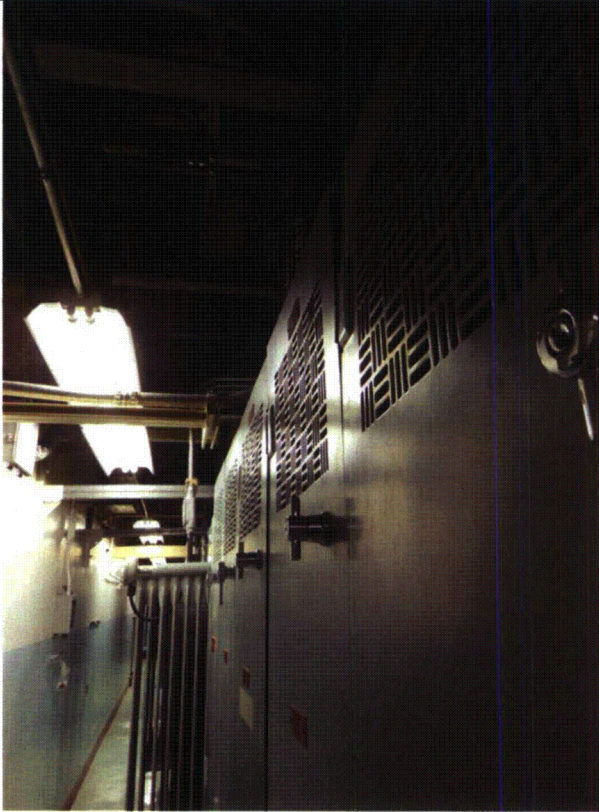
Status: Y N U

Seismic Walkdown Checklist (SWC)

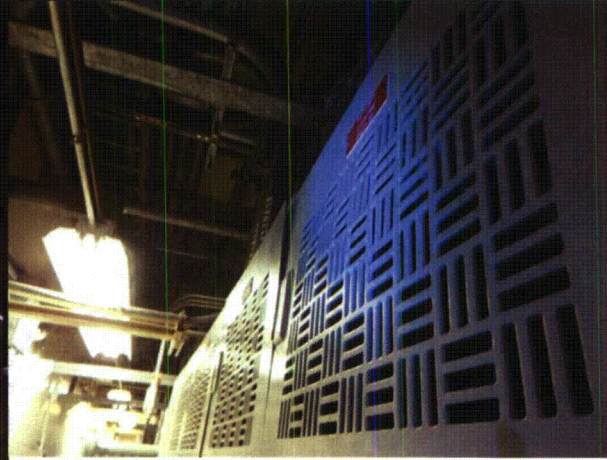
Equipment ID No.: 2BUS2B01A

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21A



2BUS2B01A 8-15-12 114



2BUS2B01A 8-15-12 115

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01B

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21B

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-311

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

- | | |
|--|----------------|
| 1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)?
<i>Same as 2BUS2B01A - Anchorage is inaccessible</i> | No |
| 2. Is the anchorage free of bent, broken, missing or loose hardware?
<i>Anchorage is inaccessible.</i> | No |
| 3. Is the anchorage free of corrosion that is more than mild surface oxidation?
<i>Anchorage is inaccessible.</i> | No |
| 4. Is the anchorage free of visible cracks in the concrete near the anchors?
<i>Anchorage is inaccessible.</i> | No |
| 5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) | Not Applicable |
| 6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions?
<i>Anchorage is inaccessible.</i> | No |

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01B

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21B

Interaction Effects

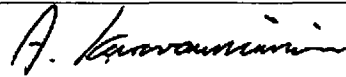
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3

WALKDOWN CHECKLISTS

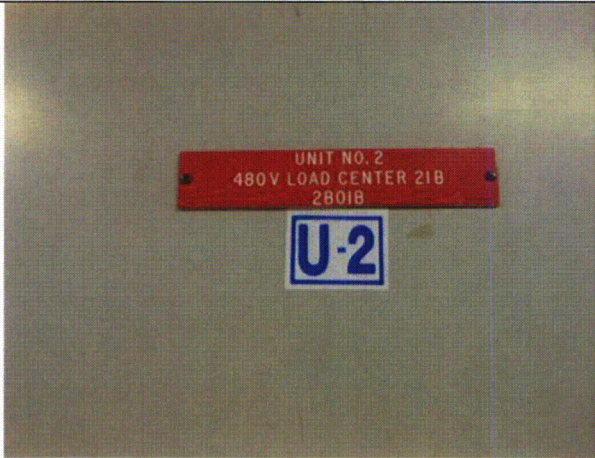
Status: Y N U

Seismic Walkdown Checklist (SWC)

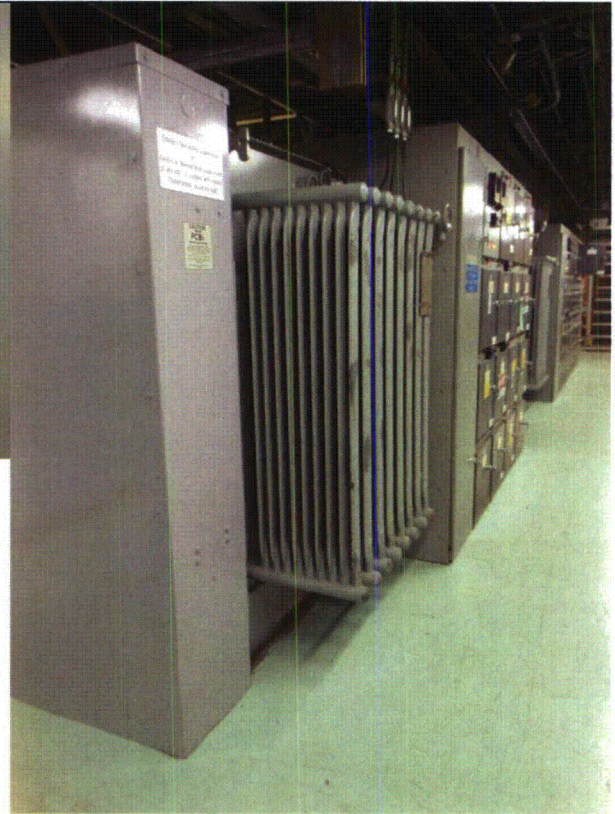
Equipment ID No.: 2BUS2B01B

Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21B



2BUS2B01B 8-15-12 116



2BUS2B01B 8-15-12 117

ATTACHMENT 3

WALKDOWN CHECKLISTS

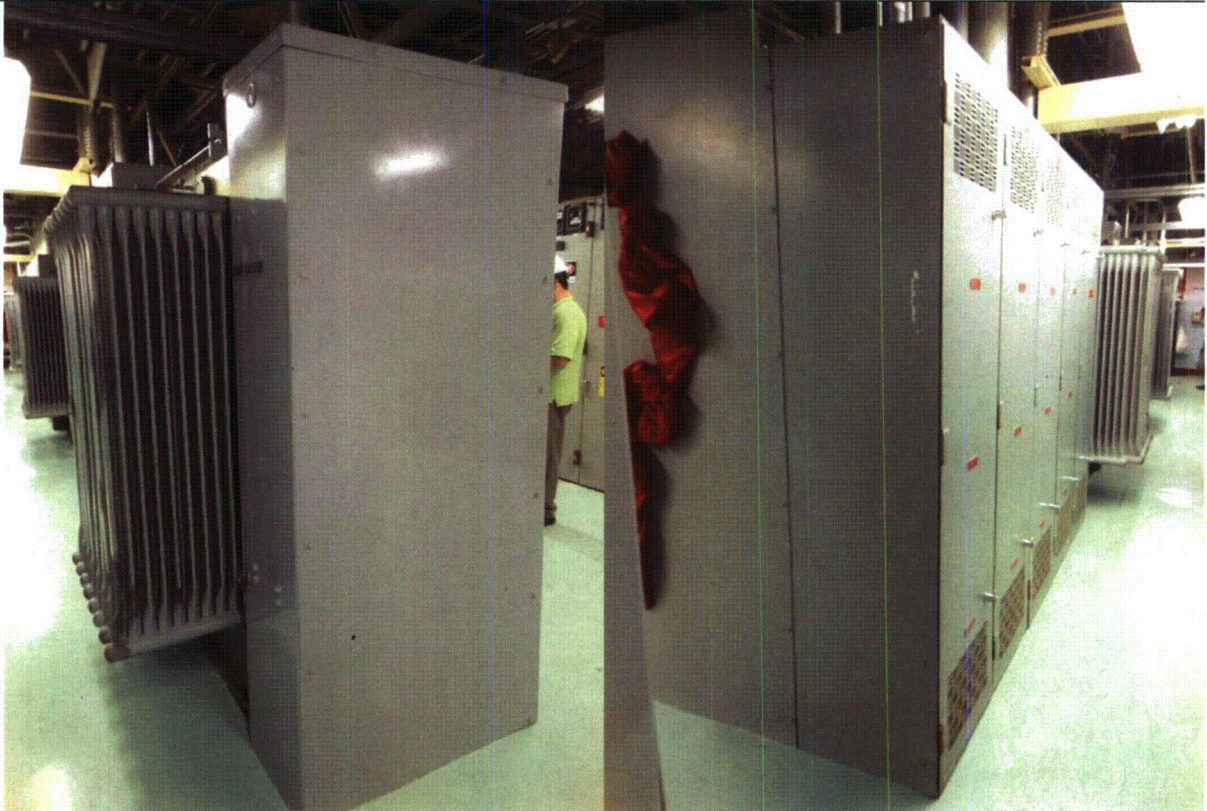
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2B01B

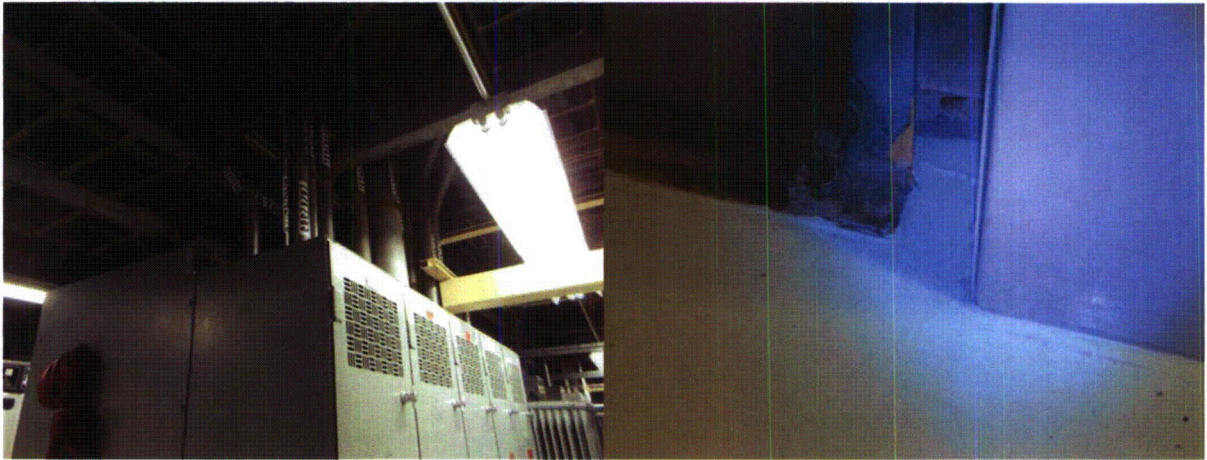
Equipment Class: (2) Low Voltage Switchgear

Equipment Description: 480V BUS 21B



2BUS2B01B 8-15-12 118

2BUS2B01B 8-15-12 119



2BUS2B01B 8-15-12 120

2BUS2B01B 8-15-12 121

ATTACHMENT 3
WALKDOWN CHECKLISTS

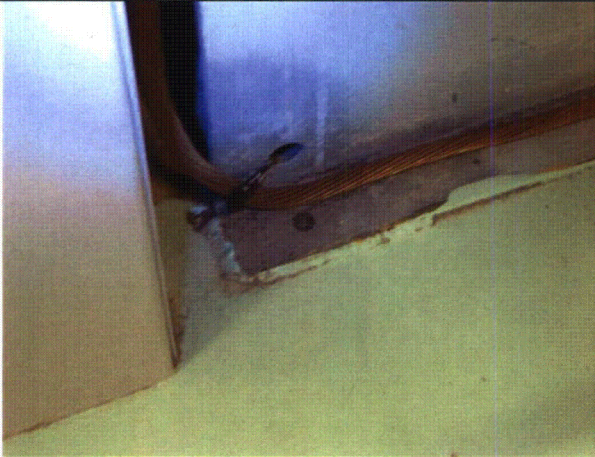
Status: Y N U

Seismic Walkdown Checklist (SWC)

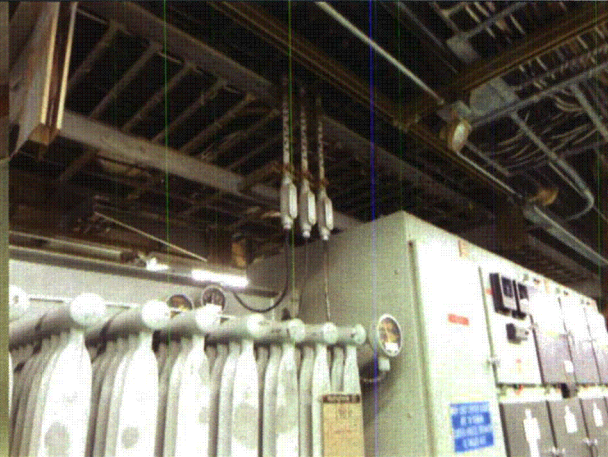
Equipment ID No.: 2BUS2B01B

Equipment Class: (2) Low Voltage Switchgear

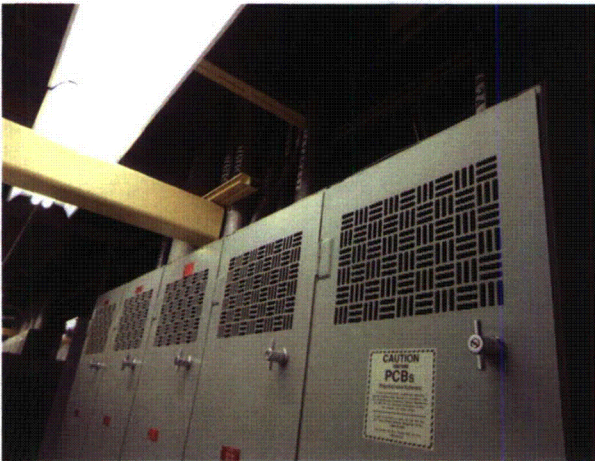
Equipment Description: 480V BUS 21B



2BUS2B01B 8-15-12 122



2BUS2B01B 8-15-12 123



2BUS2B01B 8-15-12 124

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-302

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? No
Anchorage is inaccessible.

3. Is the anchorage free of corrosion that is more than mild surface oxidation? No
Anchorage is inaccessible.

4. Is the anchorage free of visible cracks in the concrete near the anchors? No
Anchorage is inaccessible.

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) No
Anchorage is inaccessible.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? No
Anchorage is inaccessible.

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21

Interaction Effects

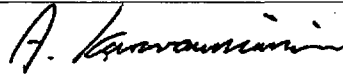
7. Are soft targets free from impact by nearby equipment or structures? Yes
- The equipment has a 1/4" gap to D16.*
Evaluated using 8 Hz frequency for cabinets
2% Damping Ratio, 1.5 PF
Response Spectrum AB027D2N.dat
A=0.25g
 *$D = 2 * (1.5 * 0.25 * 386) / (8 * 2 * 3.14)^2 = 0.11" < 1/4" \text{ OK}$*
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? No
- Cabinet is inaccessible for internal inspection.*
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21

Photos



2BUS2D01 8-14-12 014



2BUS2D01 8-14-12 015

ATTACHMENT 3
WALKDOWN CHECKLISTS

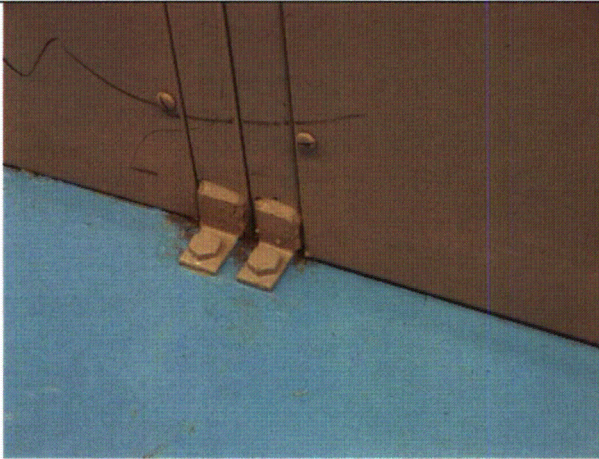
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21



2BUS2D01 8-14-12 016



2BUS2D01 8-14-12 017

ATTACHMENT 3
WALKDOWN CHECKLISTS

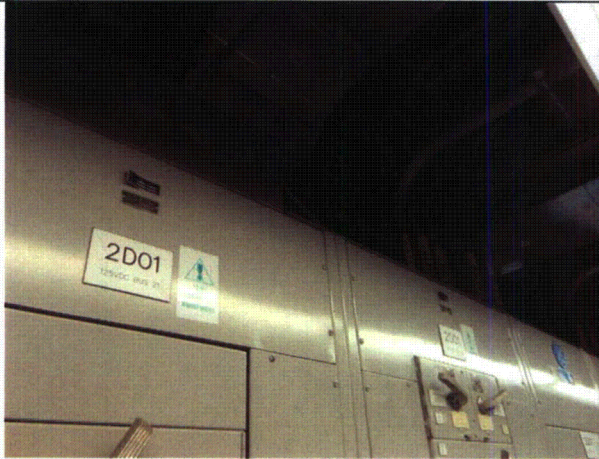
Status: Y N U

Seismic Walkdown Checklist (SWC)

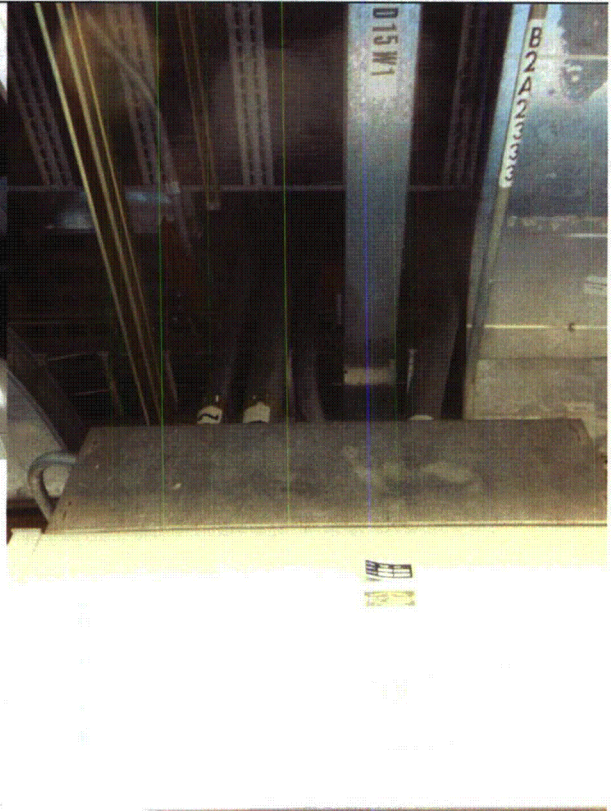
Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21



2BUS2D01 8-14-12 018



2BUS2D01 8-14-12 019

ATTACHMENT 3

WALKDOWN CHECKLISTS

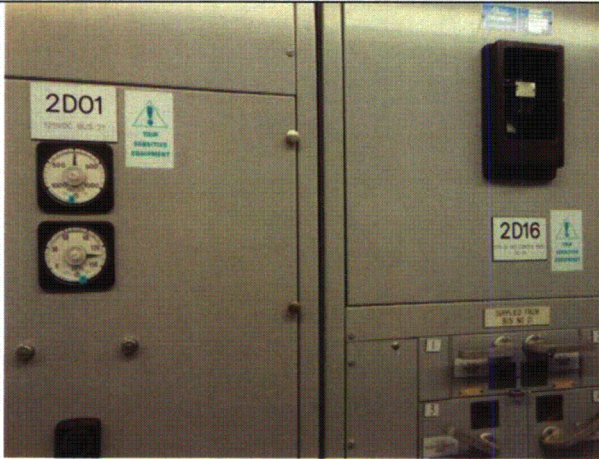
Status: Y N U

Seismic Walkdown Checklist (SWC)

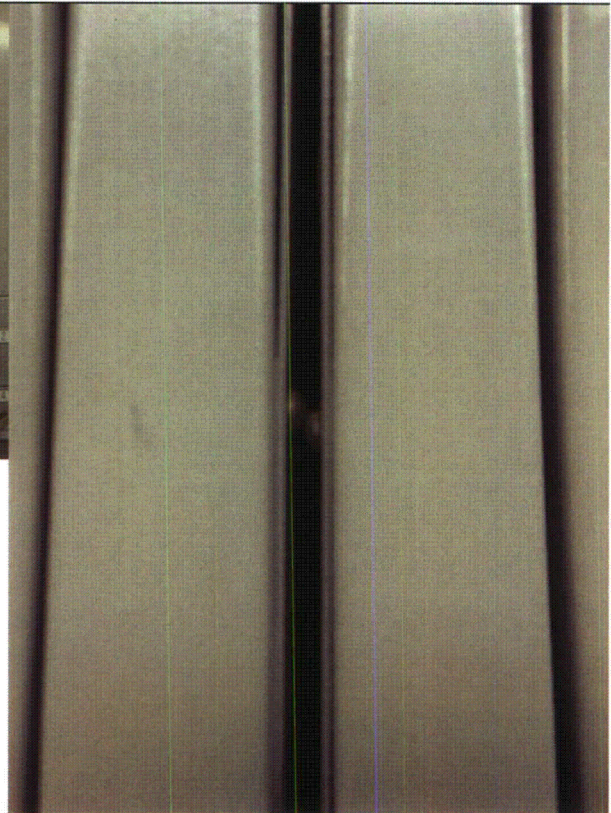
Equipment ID No.: 2BUS2D01

Equipment Class: (14) Distribution Panels

Equipment Description: 125VDC BUS 21



2BUS2D01 8-14-12 020



2BUS2D01 8-14-12 021



2BUS2D01 8-14-12 022

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR22

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 22

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-302

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Yes
Anchorage is consistent with calculation C-94-002, pg. 12 and drawing 84-196.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR22

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 22

Interaction Effects

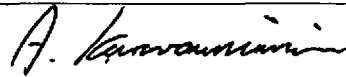
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? No
Cabinet is inaccessible for internal inspection.
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

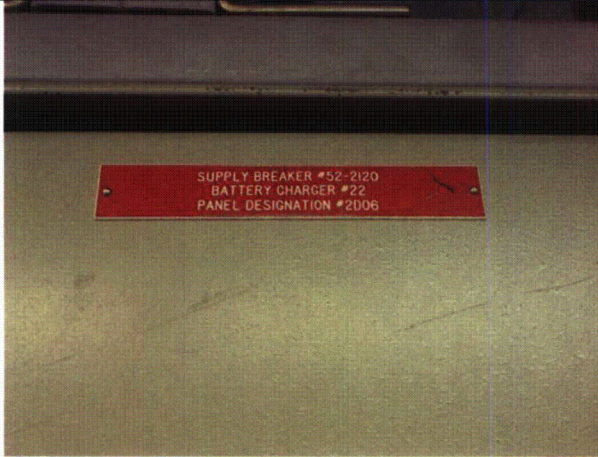
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR22

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 22



2CHGR22 8-14-12 023



2CHGR22 8-14-12 024

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

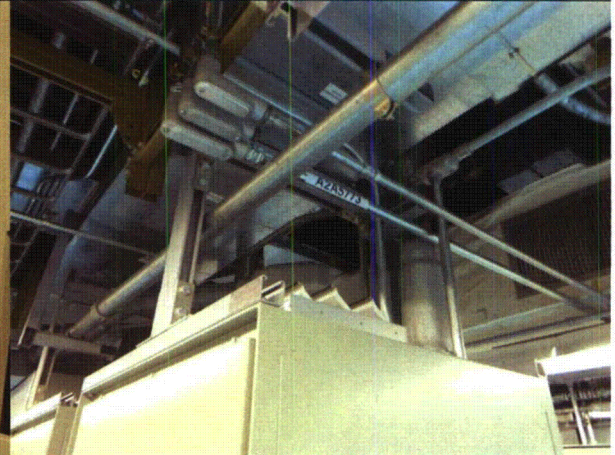
Equipment ID No.: 2CHGR22

Equipment Class: (16) Inverters

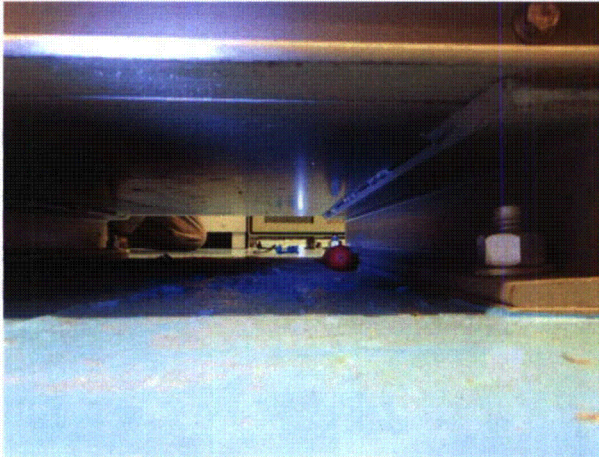
Equipment Description: BATTERY CHARGER 22



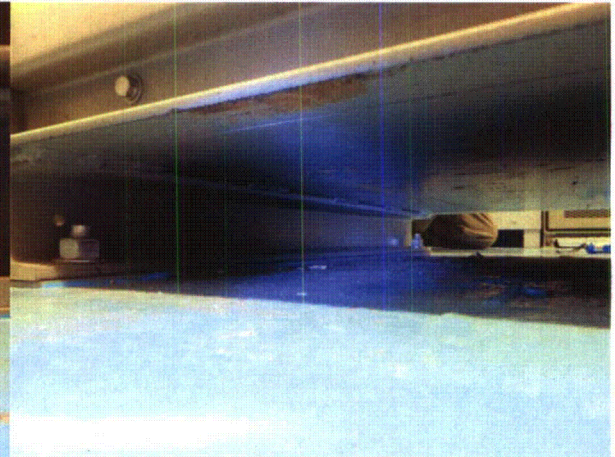
2CHGR22 8-14-12 025



2CHGR22 8-14-12 026



2CHGR22 8-14-12 027



2CHGR22 8-14-12 028

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR22

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 22



2CHGR22 8-14-12 029

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR24

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 24

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 27.00 ft, CAL-AB-306

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Yes

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Yes
Anchorage is consistent with calculation C-94-002, pg. 12 and drawing 84-196.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR24

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 24

Interaction Effects

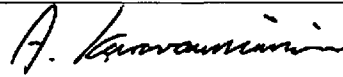
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? No
Cabinet is inaccessible for internal inspection.
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR24

Equipment Class: (16) Inverters

Equipment Description: BATTERY CHARGER 24



2CHGR24 8-14-12 047



2CHGR24 8-14-12 048

ATTACHMENT 3
WALKDOWN CHECKLISTS

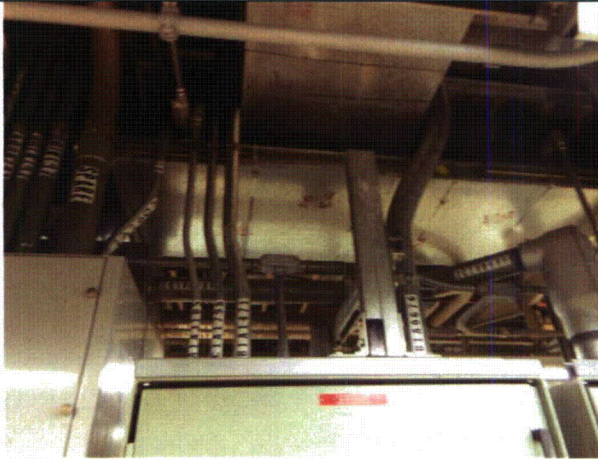
Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2CHGR24

Equipment Class: (16) Inverters

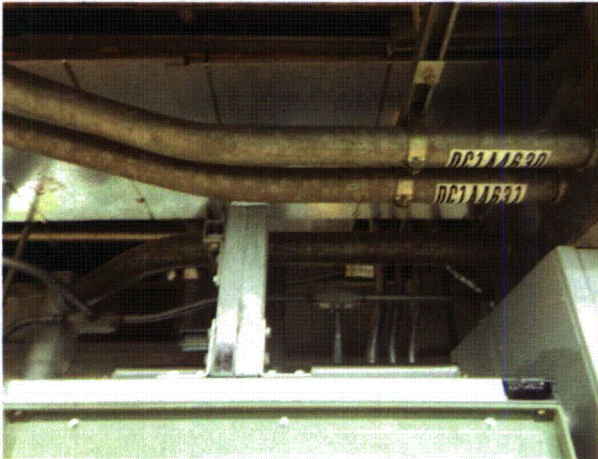
Equipment Description: BATTERY CHARGER 24



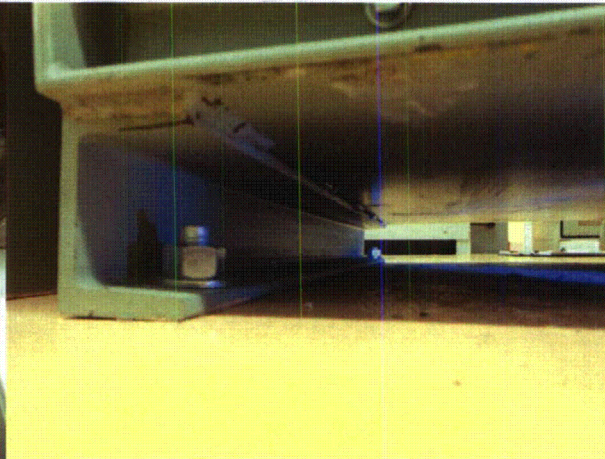
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2CHGR24 8-14-12 050



2CHGR24 8-14-12 051



2CHGR24 8-14-12 052

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC21A

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP A

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 5.00 ft, CAL-AB-205

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC21A

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP A

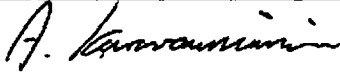
Interaction Effects

7. Are soft targets free from impact by nearby equipment or structures? No
Nearby temporary fan is not adequately restrained, the fan may fall on a gage and/or tubing. CR-2012-008675
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:  A. Karavoussianis Date: 11/09/2012

 C. Figliolini 11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC21A

Equipment Class: (12) Air Compressors

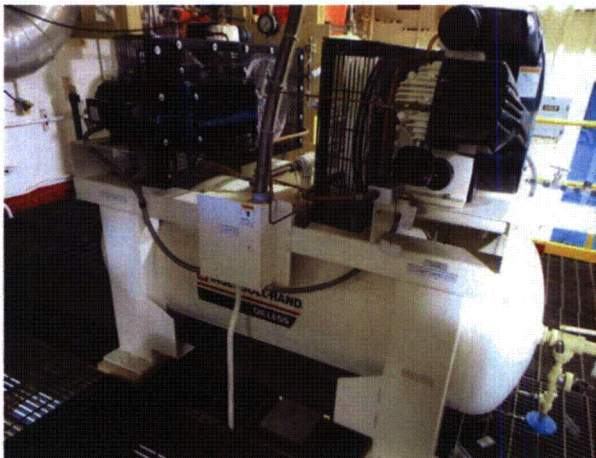
Equipment Description: 21 SW AIR COMP A



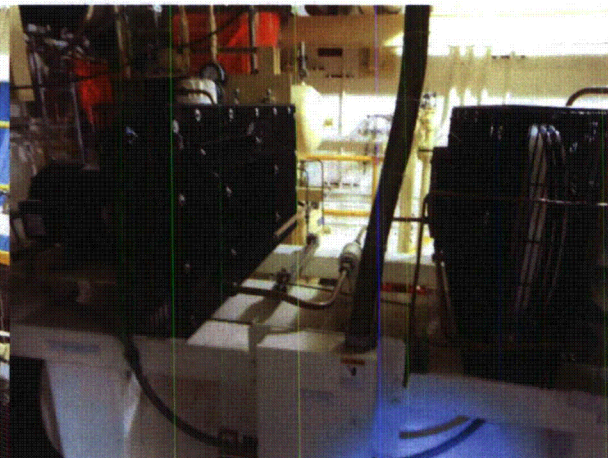
2COMPSWAC21A 8-6-12 267



2COMPSWAC21A 8-6-12 268



2COMPSWAC21A 8-6-12 272



2COMPSWAC21A 8-6-12 273

ATTACHMENT 3

WALKDOWN CHECKLISTS

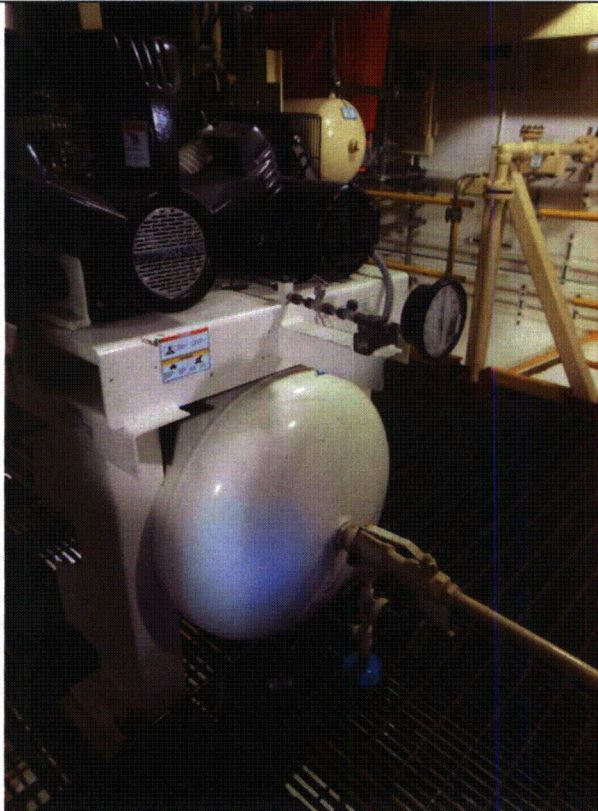
Status: Y N U

Seismic Walkdown Checklist (SWC)

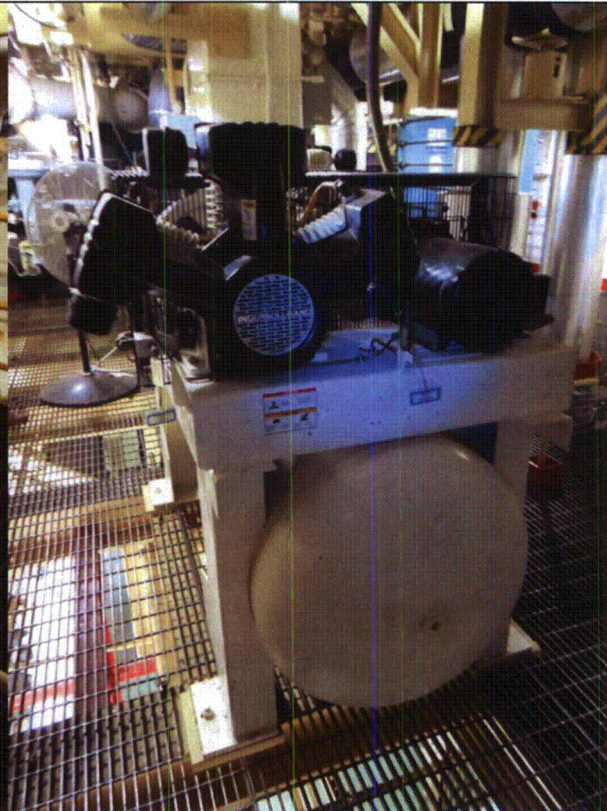
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Equipment Class: (12) Air Compressors

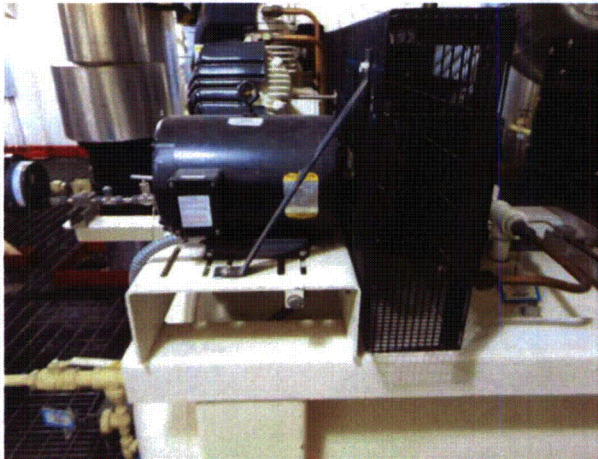
Equipment Description: 21 SW AIR COMP A



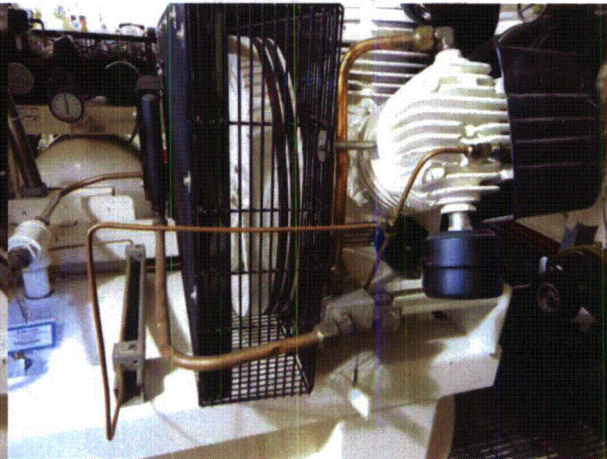
2COMPSWAC21A 8-6-12 274



2COMPSWAC21A 8-6-12 275



2COMPSWAC21A 8-6-12 276



2COMPSWAC21A 8-6-12 277

ATTACHMENT 3
WALKDOWN CHECKLISTS

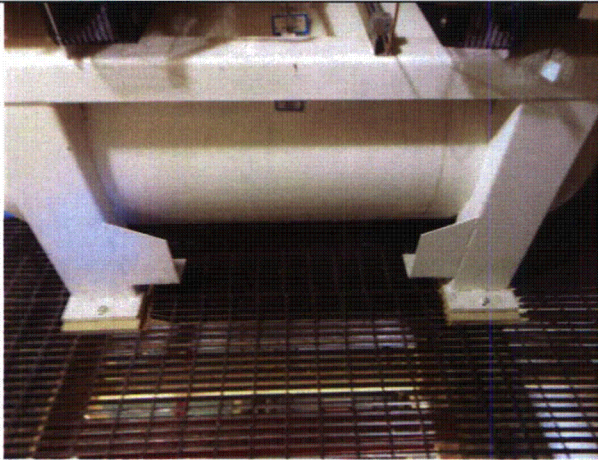
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Seismic Walkdown Checklist (SWC)

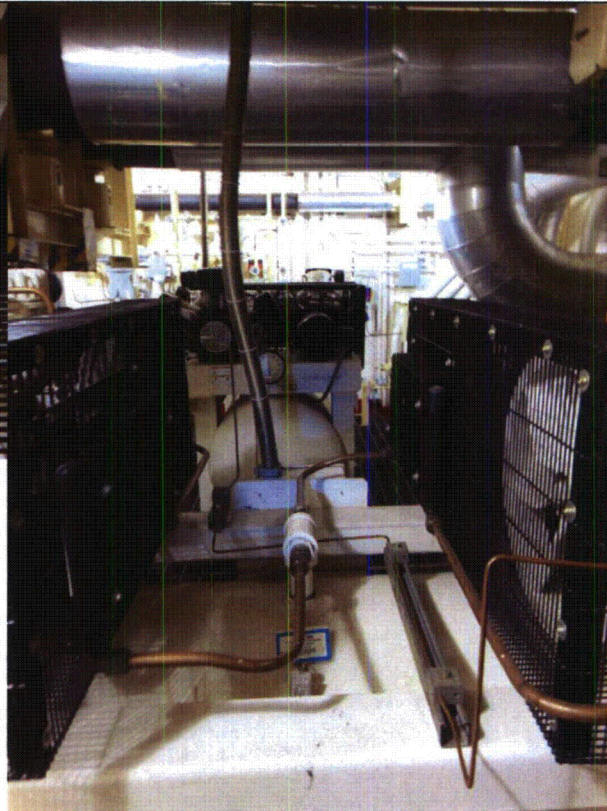
Equipment ID No.: 2COMPSWAC21A

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP A



2COMPSWAC21A 8-6-12 278



2COMPSWAC21A 8-6-12 279



2COMPSWAC21A 8-6-12 280

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC21B

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP B

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 5.00 ft, CAL-AB-205

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? No

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Not Applicable

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

**ATTACHMENT 3
WALKDOWN CHECKLISTS**

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC21B

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP B

Interaction Effects

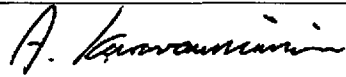
7. Are soft targets free from impact by nearby equipment or structures? No
Nearby temporary fan is not adequately restrained, the fan may fall on a gage and/or tubing. CR-2012-008675
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3
WALKDOWN CHECKLISTS

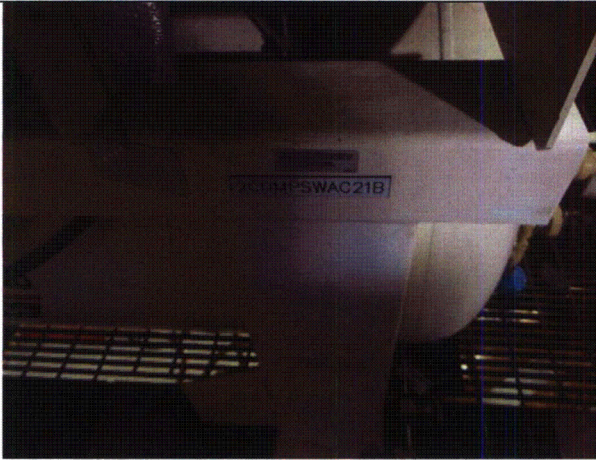
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Seismic Walkdown Checklist (SWC)

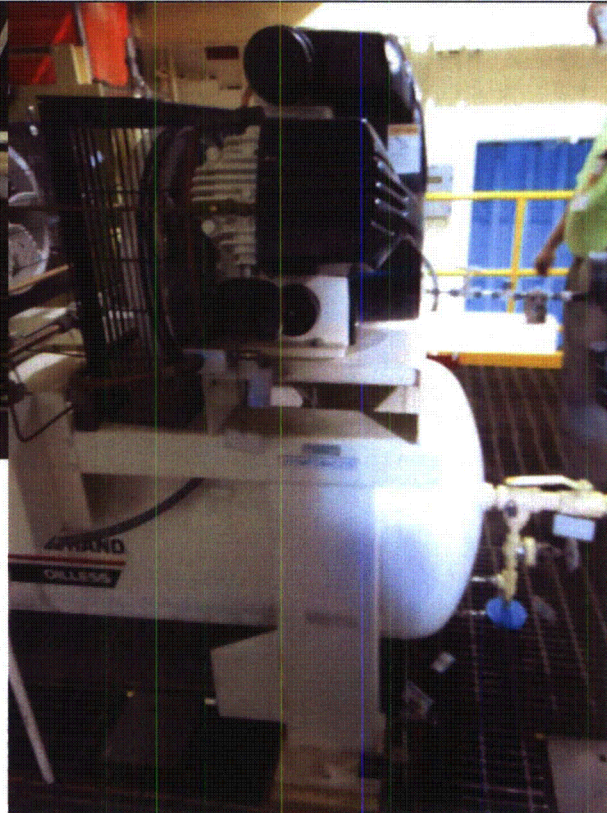
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Equipment Class: (12) Air Compressors

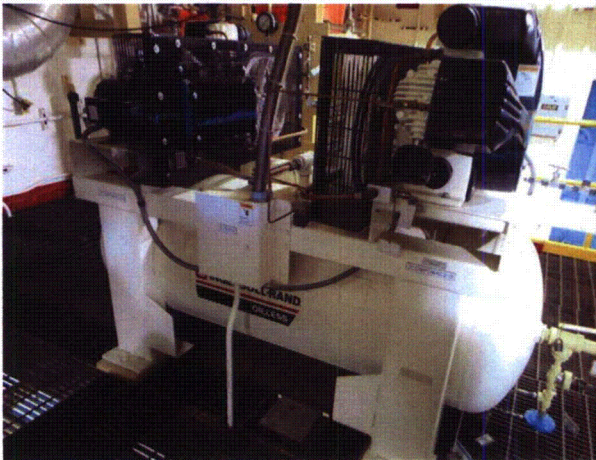
Equipment Description: 21 SW AIR COMP B



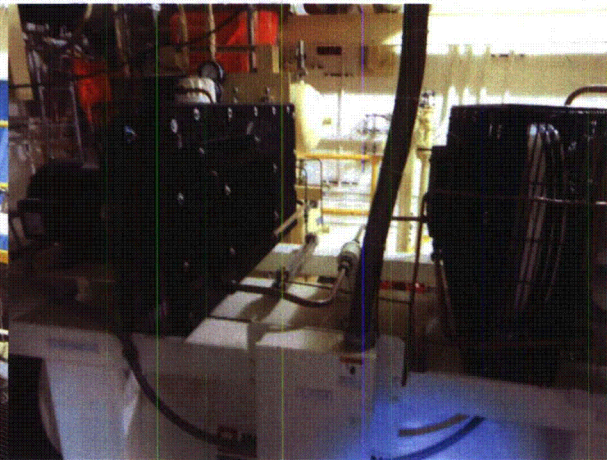
2COMPSWAC21B 8-6-12 269



2COMPSWAC21B 8-6-12 270



2COMPSWAC21B 8-6-12 272



2COMPSWAC21B 8-6-12 273

ATTACHMENT 3

WALKDOWN CHECKLISTS

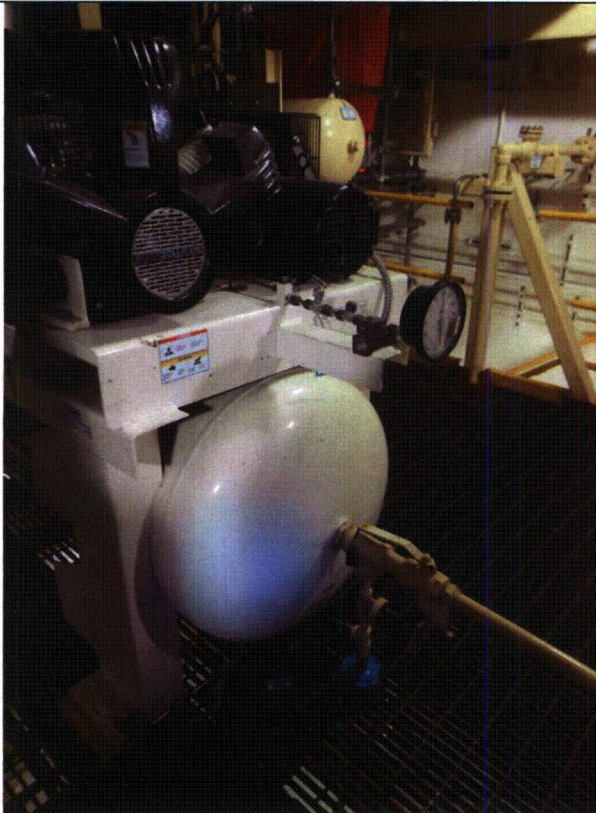
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Seismic Walkdown Checklist (SWC)

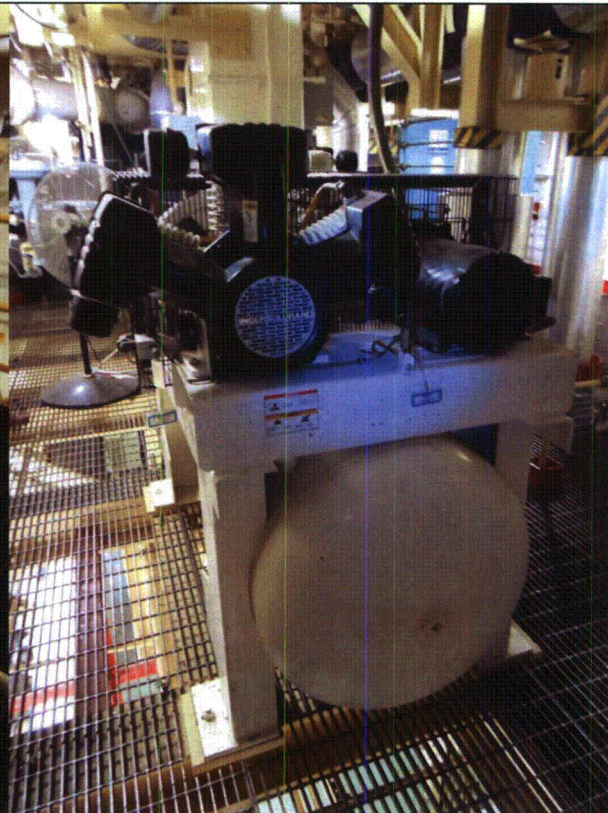
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Equipment Class: (12) Air Compressors

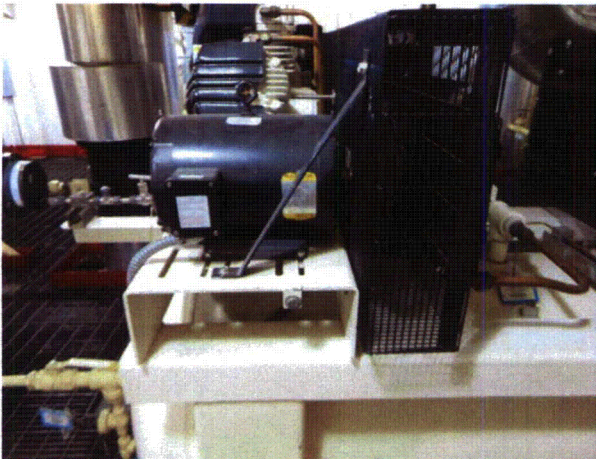
Equipment Description: 21 SW AIR COMP B



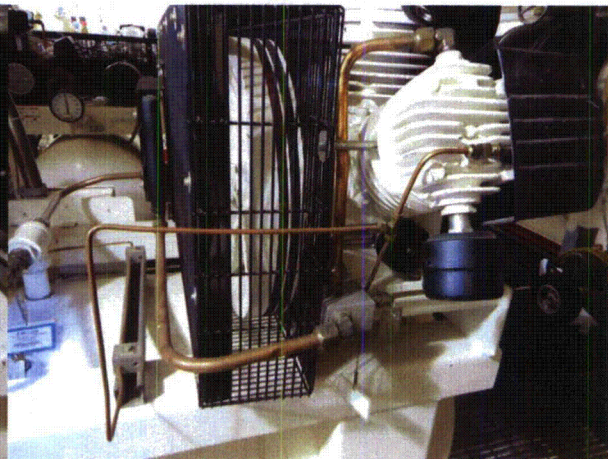
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2COMPSWAC21B 8-6-12 275



2COMPSWAC21B 8-6-12 276



2COMPSWAC21B 8-6-12 277

ATTACHMENT 3

WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

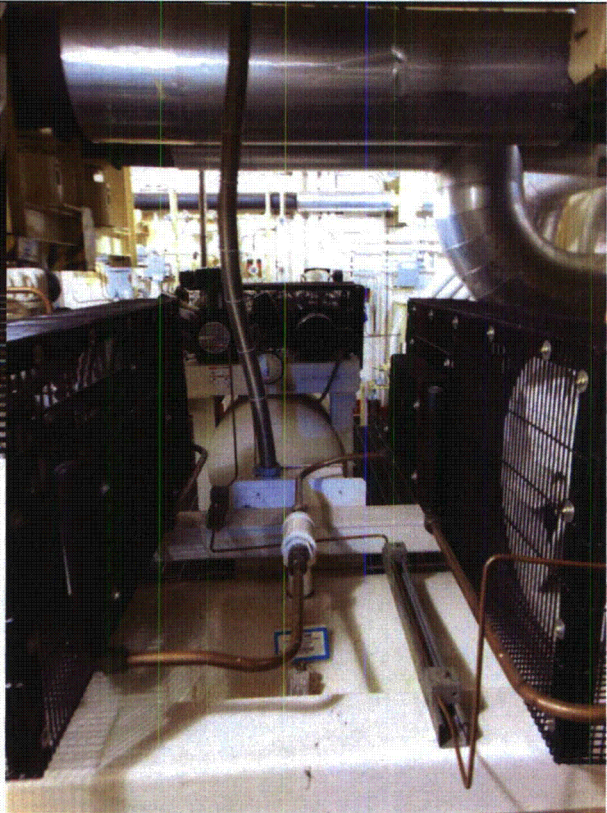
Equipment ID No.: 2COMPSWAC21B

Equipment Class: (12) Air Compressors

Equipment Description: 21 SW AIR COMP B



2COMPSWAC21B 8-6-12 278



2COMPSWAC21B 8-6-12 279



2COMPSWAC21B 8-6-12 280

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC22A

Equipment Class: (12) Air Compressors

Equipment Description: 22 SW AIR COMP A

Project: CCNPP 2 SWEL

Location (Bldg, Elev, Room/Area): AUX, 5.00 ft, CAL-AB-205

Manufacturer/Model: _____

Instructions for Completing Checklist

This checklist may be used to document the results of the Seismic Walkdown of an item of equipment on the SWEL. The space below each of the following questions may be used to record the results of judgments and findings. Additional space is provided at the end of this checklist for documenting other comments.

Anchorage

1. Is anchorage configuration verification required (i.e., is the item one of the 50% of SWEL items requiring such verification)? Yes

2. Is the anchorage free of bent, broken, missing or loose hardware? Yes

3. Is the anchorage free of corrosion that is more than mild surface oxidation? Yes

4. Is the anchorage free of visible cracks in the concrete near the anchors? Not Applicable

5. Is the anchorage configuration consistent with plant documentation? (Note: This question only applies if the item is one of the 50% for which an anchorage configuration verification is required.) Yes
Anchorage is consistent with drawing 61962 Sht. 2.

6. Based on the above anchorage evaluations, is the anchorage free of potentially adverse seismic conditions? Yes

ATTACHMENT 3
WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

Equipment ID No.: 2COMPSWAC22A

Equipment Class: (12) Air Compressors

Equipment Description: 22 SW AIR COMP A

Interaction Effects

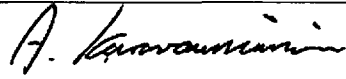
7. Are soft targets free from impact by nearby equipment or structures? Yes
8. Are overhead equipment, distribution systems, ceiling tiles and lighting, and masonry block walls not likely to collapse onto the equipment? Yes
9. Do attached lines have adequate flexibility to avoid damage? Yes
10. Based on the above seismic interaction evaluations, is equipment free of potentially adverse seismic interaction effects? Yes
-

Other Adverse Conditions

11. Have you looked for and found no adverse seismic conditions that could adversely affect the safety functions of the equipment? Yes
-

Comments

Evaluated by:



A. Karavoussianis

Date: 11/09/2012



C. Figliolini

11/09/2012

Photos

ATTACHMENT 3

WALKDOWN CHECKLISTS

Status: Y N U

Seismic Walkdown Checklist (SWC)

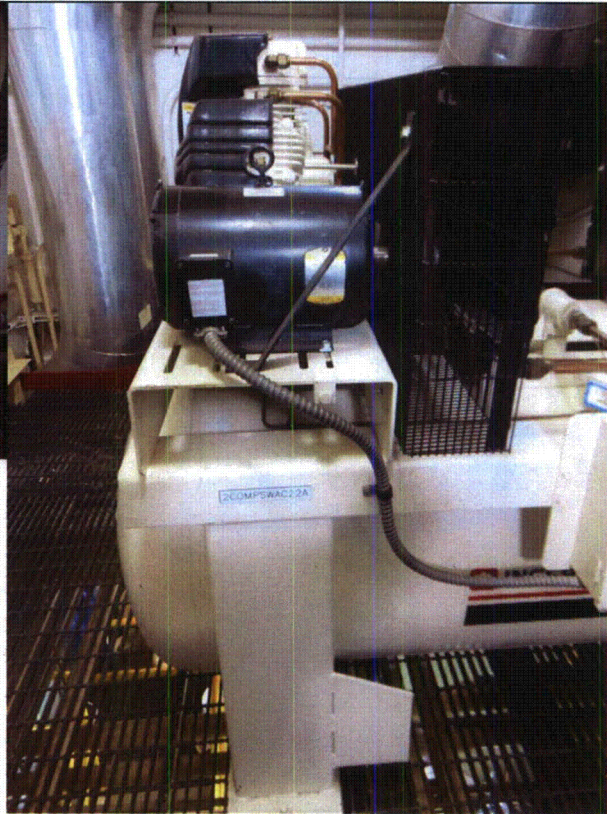
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Equipment Class: (12) Air Compressors

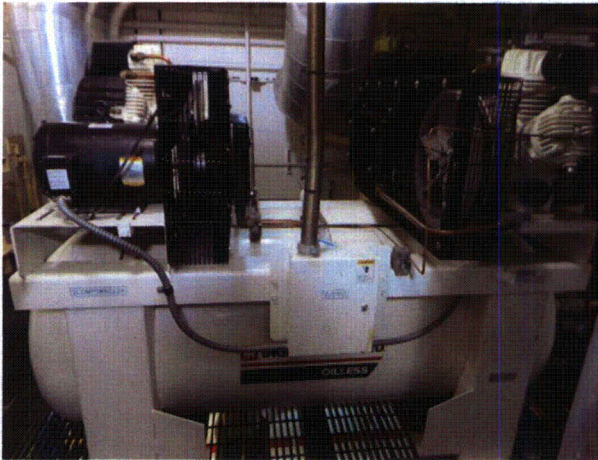
Equipment Description: 22 SW AIR COMP A



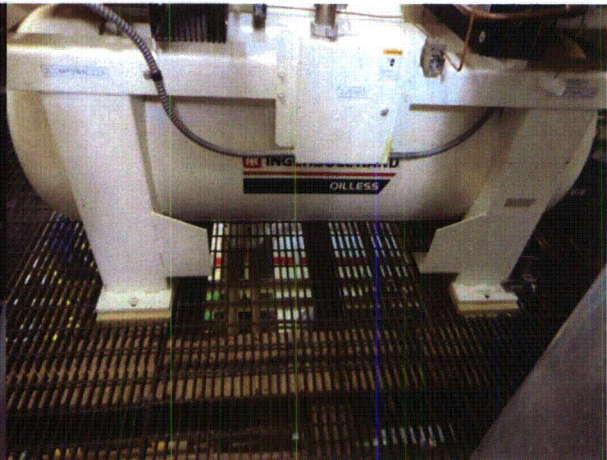
2COMPSWAC22A 8-6-12 255



2COMPSWAC22A 8-6-12 256



2COMPSWAC22A 8-6-12 259



2COMPSWAC22A 8-6-12 260

ATTACHMENT 3
WALKDOWN CHECKLISTS

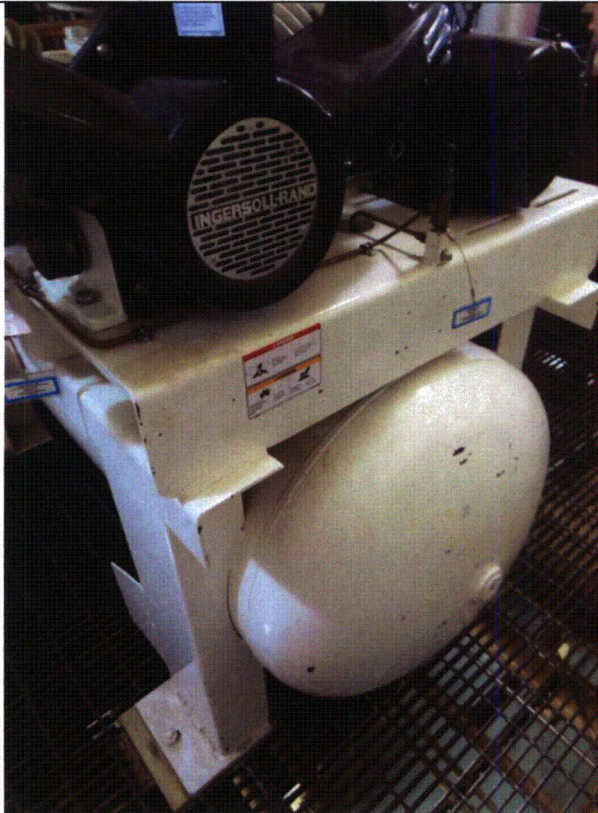
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Seismic Walkdown Checklist (SWC)

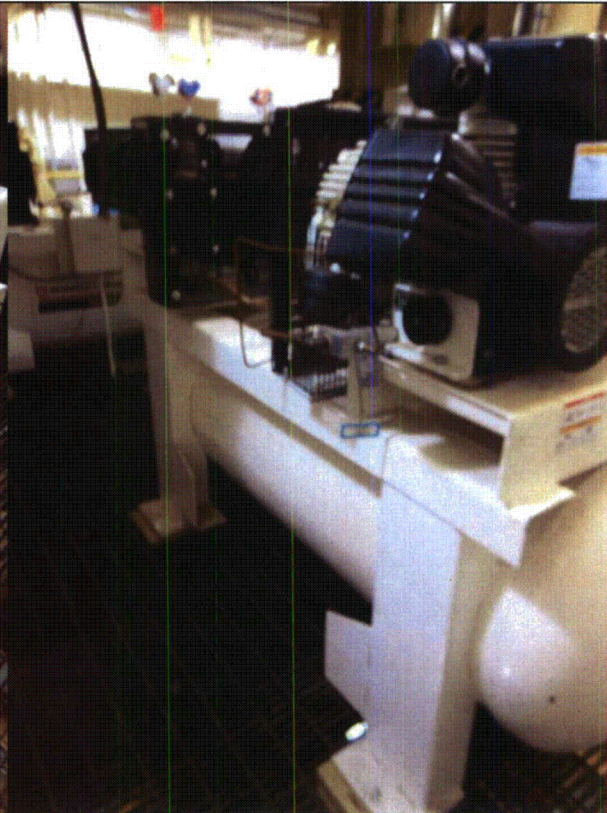
Equipment ID No.: 2COMPSWAC22A

Equipment Class: (12) Air Compressors

Equipment Description: 22 SW AIR COMP A



2COMPSWAC22A 8-6-12 261



2COMPSWAC22A 8-6-12 262

ATTACHMENT 3

WALKDOWN CHECKLISTS

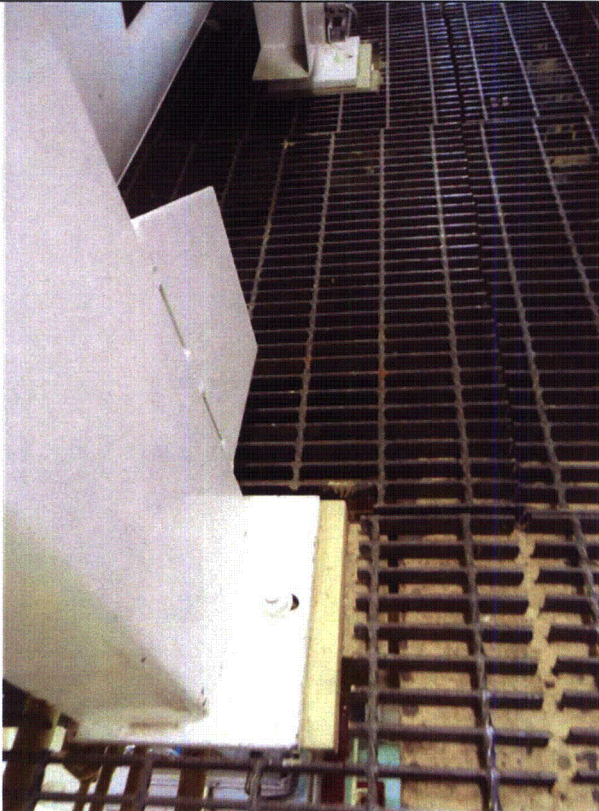
Status: Y N U

Seismic Walkdown Checklist (SWC)

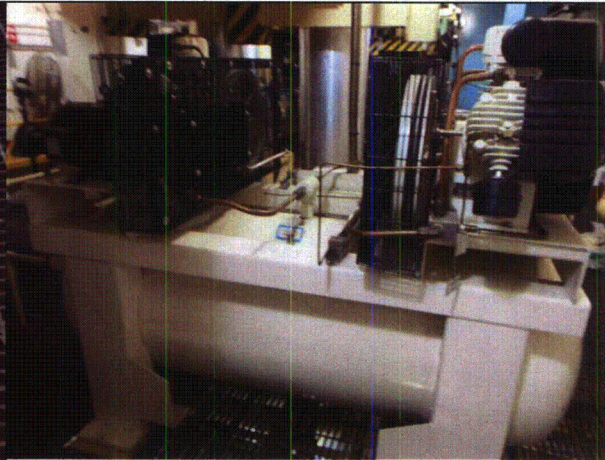
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Equipment Class: (12) Air Compressors

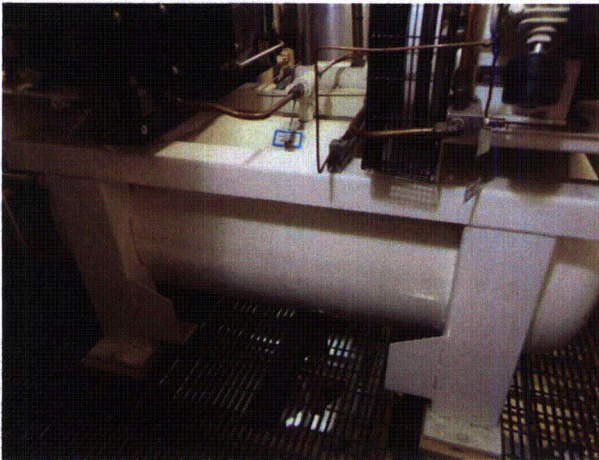
Equipment Description: 22 SW AIR COMP A



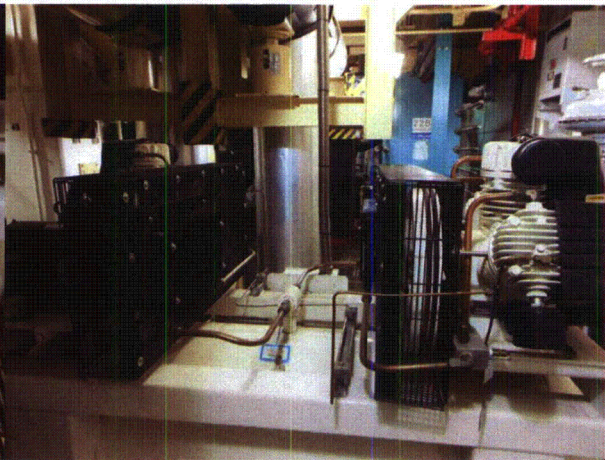
2COMPSWAC22A 8-6-12 263



2COMPSWAC22A 8-6-12 264



2COMPSWAC22A 8-6-12 265



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