Beaver Valley Power Station Unit 2
Near-Term Task Force
Recommendation 2.3
Seismic Walkdown Report

October 31, 2012

Prepared by:

Daniel Reny (ABS Consulting)

Farzin Beigi (ABS Consulting)

Eddie Guerra (ABS Consulting)

Brian Lucarelli (ABS Consulting)

Reviewed by:

George T. Westbrook Jr. (FENOC) 10/30/12

John Reddington (FENOC) 10/18/12

Mohammed Alvi (FENOC) 10-18-12

R. Mueller (FENOC) (John Reddington per telecon)

Approved by:

Eugene Eudeck (FENOC)

Notes:

1. **Sections 1, 3, 4, 5, 6, and 10 have been prepared by ABS Consulting. Sections 2, 7, 8, and 9 have been prepared by FENOC.**
2. **The review and approval of this document by FENOC personnel constitutes the owner acceptance of work performed by ABS Consulting**

FirstEnergy Nuclear Operating Company (FENOC)

Table of Contents

List of Tables

List of Figures

List of Appendices

List of Acronyms

AWC	Area Walk-by Checklist
BV2	Beaver Valley Power Station Unit 2
EPRI	Electric Power Research Institute
FENOC	First Energy Nuclear Operating Company
IPEEE	Individual Plant Examination of External Events
LERF	Large Early Release Frequency
LOCA	Loss of Coolant Accident
MCC	Motor Control Center
NPP	Nuclear Power Plant
NSSS	Nuclear Steam Supply System
PRA	Probabilistic Risk Assessment
PWR	Pressurized Water Reactor
RAW	Risk Achievement Worth
SEL	Seismic Equipment List
SQUG	Seismic Qualification Utility Group
SSC	Structures, Systems, and Components
SWC	Seismic Walkdown Checklist
SWE	Seismic Walkdown Engineer
SWT	Seismic Walkdown Team
SWEL	Seismic Walkdown Equipment List
USI	Unresolved Safety Issue

1.0 INTRODUCTION

This Report presents the results of the Seismic Walkdown conducted for the Beaver Valley Power Station Unit 2 (BV2) in support of FirstEnergy Nuclear Operating Company's (FENOC) response to NTTF Recommendation 2.3 in NRC 50.54(f) Letter, dated March 12, 2012. Consistent with the guidelines in Electric Power Research Institute (EPRI) Report 1025286, *"Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic,"* the walkdown implements the procedure described in Section 5.0 of this report.

2.0 SEISMIC LICENSING BASIS

The seismic licensing basis is contained in the Unit 2 Updated Final Safety Analysis Report (UFSAR).

Geologic and seismologic surveys of the site were conducted to establish two design earthquakes with different intensities of ground motion. These are the operating basis earthquake (OBE) and the design basis earthquake (DBE). The OBE and DBE are considered equivalent to ½ Safe Shutdown Earthquake and the Safe Shutdown Earthquake (SSE), respectively.

The OBE is the earthquake which is of sufficient probability of occurrence to require its resulting ground accelerations at the site to be considered for operational loadings. The OBE produces the vibratory ground motion for which the Seismic Category I structures, systems and components are designed to remain operational without undue risk to the health and safety of the public. The OBE is considered to be a modified Mercalli Intensity VI as measured at the site.

The DBE/SSE is that earthquake giving rise to the maximum vibratory ground acceleration at a site which can be reasonably predicted from geologic and seismic evidence.

Seismic Category I instrumentation and electrical equipment are designed to maintain the capability to:

1. Initiate a protective action during the safe shutdown earthquake (SSE),
2. Withstand seismic disturbances during post-accident operation without loss of safety function.

Instrumentation and electrical equipment are seismically qualified in accordance with general instructions for earthquake requirements (UFSAR Section 3.7B.3.1). These requirements conform with, and exceed, those outlined in IEEE Standard 344-1971, and are in agreement with the acceptance criteria in SRP 3.10, Rev. 1, 11-75 (NUREG-75-087). Although not required (due to Beaver Valley's docket date being before October 27, 1972), IEEE 344-1975 was employed for seismic qualification of Seismic Category I electrical equipment when feasible. Instrumentation and electrical equipment may be tested as individual components, as part of a simulated structural section, or as part of a completely assembled module or unit.

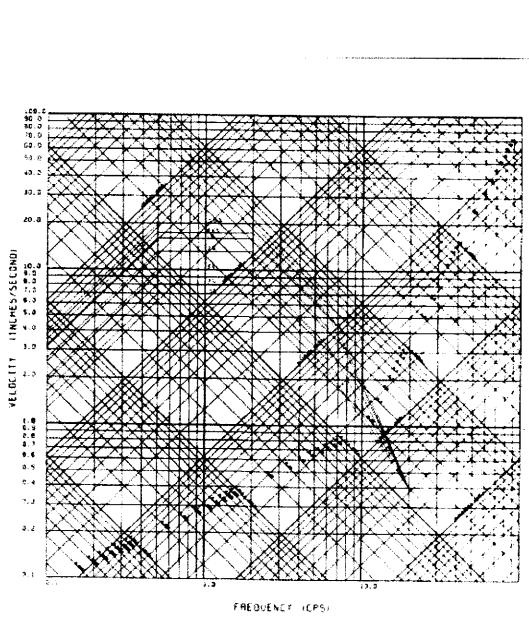

FIGURE 3.7B-1
DESIGN RESPONSE SPECTRA
SAFE SHUTDOWN EARTHQUAKE
BEAVER VALLEY POWER STATION-UNIT 2
FINAL SAFETY ANALYSIS REPORT

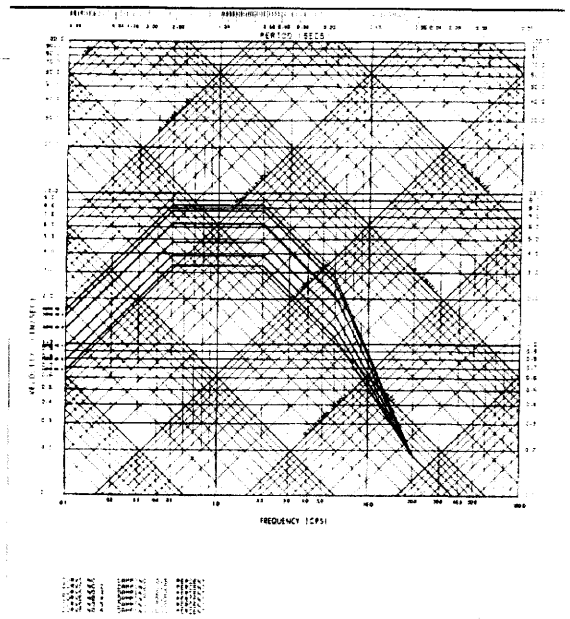

FIGURE 3.7B-2
DESIGN RESPONSE SPECTRA
1/2 SAFE SHUTDOWN EARTHQUAKE
BEAVER VALLEY POWER STATION-UNIT 2
FINAL SAFETY ANALYSIS REPORT

UFSAR Figure 3.7B-1: Response Spectra SSE

UFSAR Figure 3.7B-2: Response Spectra ½ SSE

The response of racks, panels, cabinets, and consoles is considered in assessing the seismic capability of instrumentation and electrical equipment. As a minimum, mounted equipment is qualified to acceleration levels consistent with those transmitted by supporting structures. A design objective is to minimize amplification of floor acceleration by supporting members to mounted equipment. Determination of amplification and seismic adequacy of instrumentation

and electrical equipment are implemented by the analysis and testing methods outlined in UFSAR Section 3.7B.3.1.

Supports for Seismic Category I electrical equipment, instrumentation, and control systems are seismically qualified by the analysis and testing procedures outlined in Section 3.7B.3.1. Supports are designed to withstand the combined effects of normal operating loads acting simultaneously with horizontal and vertical components of earthquake loading and must retain their functional capability and structural integrity as applicable. When qualified by analysis, stress levels permitted under applicable codes. If there are no applicable codes, the stress level under the combined loading for an operating basis earthquake (OBE) does not exceed 75 percent of the minimum yield strength of the material in accordance with the ASTM specification.

The design earthquakes, OBE and DBE, for the plant are specified by OBE and DBE design response spectra. These criteria are based on the plant site geologic investigations and seismologic recommendations as discussed in Sections 2.5 and 3.7 through 3.10 of the Unit 2 UFSAR. These spectra represent earthquake ground motions which are potentially damaging to structures. While these spectra could be exceeded by ground motion "spikes" above 10 Hz, extensive investigations concerning the effects of these high-frequency motions, both from structure/equipment evaluations as well as seismological considerations, demonstrate the adequacy of the spectra used for design.

The horizontal design response spectra used for seismic analysis are shown on UFSAR Figures 3.7B-1 and 3.7B-2. The spectra for the safe shutdown earthquake (SSE) correspond to a maximum ground surface acceleration of 0.125g, and the spectra for the 1/2 safe shutdown earthquake (1/2 SSE) correspond to a maximum ground acceleration of 0.06g. (The operating basis earthquake, which is referenced in Section 3.2, and Regulatory Guide 1.143, is equivalent to 1/2 of the SSE.) These spectra differ from the spectra in Regulatory Guide 1.60. The Beaver Valley Power Station - Unit 2 (BVPS-2) spectra are based in Appendices 2C and 2D of the BVPS-2 PSAR, and as revised in the response to USAEC Regulatory Position 3 of May 25, 1973 (Question 3.15, BVPS-2 PSAR, Amendment 7, July 9, 1973). The vertical design response spectra are taken to be two-thirds of the horizontal design response spectra.

For the Beaver Valley Nuclear Power Plant Unit 2 design SSC spectra refer to Figure 2-1

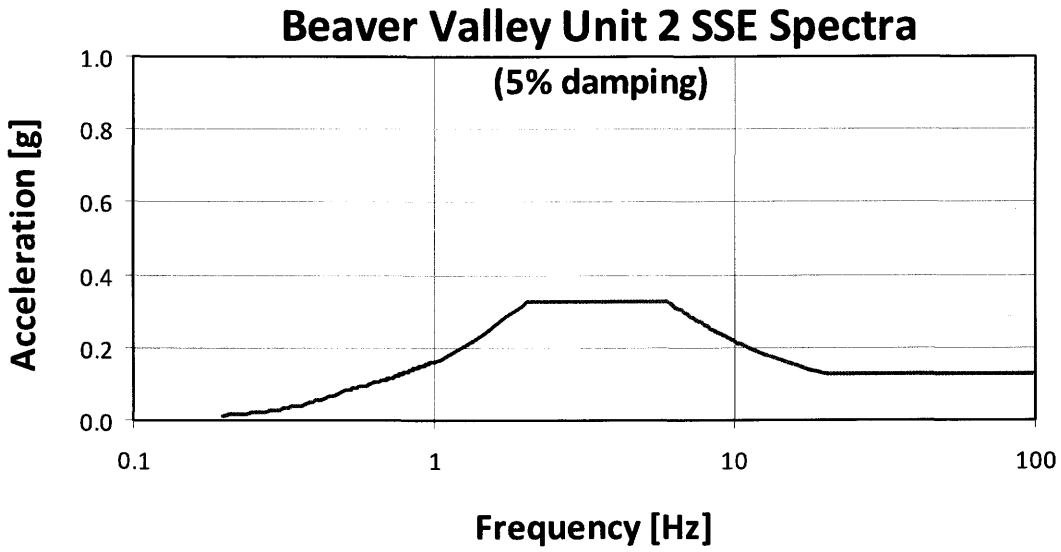

Figure 2-1: The SSE response spectrum for Beaver Valley Unit 2 was digitized from BV2 FSAR Figure 3.7B-2

3.0 PERSONNEL QUALIFICATIONS

The following personnel worked together to formulate the list of selected equipment for the Beaver Valley Nuclear Power Station NTTF Recommendation 2.3 Seismic Walkdown:

- J. Reddington
- R. Mueller
- D. Reny
- F. Beigi

The ABS Consulting Walkdown Team consisted of the following individuals:

- F. Beigi
- E. Guerra
- B. Lucarelli

Additionally, J. Reddington served as the reviewer of the Licensing Basis and of the Individual Plant Examination External Events (IPEEE). Mr. M. Alvi served as the lead peer reviewer for this effort.

The seismic walkdown personnel, peer reviewer and lead peer reviewer possess technical degrees from accredited universities and have been trained in the application of seismic

experience data for seismic verification of nuclear power plant (NPP) structures, systems, and components (SSC). In addition to completion of the NTTF 2.3 training provided by EPRI these individuals (J. Reddington, M. Alvi, F. Beigi, E. Guerra, and B. Lucarelli) have also completed the EPRI Seismic Qualification Utility Group (SQUG) training. Resumes and certificates of the walkdown team members are presented in Appendix A of this report.

The above mentioned individuals have experience in earthquake engineering and seismic analysis. Additionally, the team collectively represents previous Nuclear Power Plant walkdowns experience associated with the A-46 program, IPEEE, and recent Fukushima related stress tests for plants outside the United States.

Based on their knowledge of plant documentation, associated SSCs, equipment classes, and the previous IPEEE evaluation, these individuals also supported equipment selection, walkdown planning, equipment location determination, and selection of walk-by areas for the 2.3 Seismic Walkdown.

4.0 SELECTION OF SSCS

Consistent with the guidance in EPRI 1025286, "Seismic Walkdown Guidance," (Reference 1) dated May, 2012, the process of selecting the SSCs for inclusion of the Seismic Walkdown Equipment List (SWEL) 1 and SWEL 2 in support of the walkdown began with the creation of larger lists. The development of the list for SWEL 1 is presented first in Section 4.1 and it is followed by that for SWEL 2 in Section 4.2.

4.1 DEVELOPMENT OF THE SWEL 1 LIST (RELATED TO KEY SAFETY FUNCTIONS)

The EPRI guidance document (Reference 1) says that using the previously developed IPEEE seismic equipment list as a starting point for category 1 SSCs is acceptable provided it covers all of the five safety functions requested, including the containment function.

ABS Consulting has assisted FENOC in developing a seismic equipment list (SEL) for use in a seismic probabilistic risk assessment (PRA) for Beaver Valley Unit 2. An existing internal PRA model is often a prerequisite to developing such a seismic PRA. For example, the PRA modeling logic for non-seismic events was used as a starting point for the seismic PRA plant response model. It was therefore decided, to combine the lists of SSCs from both the currently available Beaver Valley Unit 2 internal events PRA (i.e., working model BV2REV5F based on Reference 2) and the Beaver Valley Unit 2 IPEEE SEL list of 1443 SSCs (Reference 3). Duplicate SSCs, caused by (1) overlap between the two lists and (2) because the PRA contains

duplicate basic events for multiple failure modes of an SSC, were removed. Information about the original source of the remaining SSCs was retained. In short, the requirements in the EPRI walkdown guidance document in preparing the SSC SEL list were adequately satisfied. However, during SSC sampling in preparation for the walkdown, selections were generally made preferentially from the IPEEE lists of SSCs. This is because the design packages were more likely to be available for these SSCs, so that advantage could be taken of the earlier design review work.

SSCs from other sources were also chosen so that they were useful for seismic PRA purposes, but did not appear on either source list. For example, panels to be represented in the still evolving internal fire PRA and tanks represented in the PRA for internal floods were also reviewed for possible inclusion. Again, duplicate SSCs were eliminated.

The list of SSCs in Tables B-1 and B-3 of EPRI 1025286 (Reference 1) were also reviewed for completion. Some SSCs were added as a result of this review.
Nuclear steam supply system (NSSS) related SSCs were not required for this application and so were not added to the list. Also excluded were the supports for this equipment along with all the components mounted in or on this NSSS equipment. Category 1 structures were also added in preparation for the seismic PRA, though they also are not required for the current walkdowns.

Careful attention was paid to the SSCs in the internal events PRA that are included in the modeling of the containment isolation function and for the evaluation of interfacing loss of coolant accident (LOCA) frequencies. These SSCs were flagged as important to the containment safety function; i.e., they are involved in the computation of large early release frequency (LERF).

Additionally, major new and replaced equipment, added to the plant since the performance of the IPEEE and the last Beaver Valley Unit 2 internal events PRA update are noted in a separate column of the developed lists titled "Screen 4d - Major New & Replacement Equip." These events were identified by consulting with long term plant operations staff that identified specific equipment items that had been replaced or overhauled, and by computerized searches of the word "replace" in titles of existing engineering change packages (ECPs). Both lists were then evaluated to match equipment IDs appearing on Base List 1 with specific ECP numbers, that were judged to be of a major change.

There were several IPEEE vulnerabilities requiring plant changes identified for the Beaver Valley Unit 2 IPEEE. These vulnerabilities were associated with RCP Seal LOCA, Station Blackout, containment bypass/isolation failure, loss of switchgear HVAC and transients without scram. Modifications performed in response to these vulnerabilities included new operator action procedures for mitigation of loss of emergency switchgear ventilation, failure of 4,160 V fast bus transfer, and battery load shedding. In addition some hardware modifications were implemented such as capability to crosstie Unit 1 and 2 diesel generators.

Once the initial list of SSCs was developed, it was first screened to retain only seismic category 1 quality, equipment. Whether the SSC is regularly inspected, was also noted as this is justification for a second screen; e.g., for piping systems and containment penetrations.
Attributes of the retained SSCs were collected for the following information:

- Equipment ID
- Brief SSC Description
- SSC location – by building, elevation, and area description
- The room environment where the SSC is located; including radiation level, moisture level, room temperature, and whether the location is inside or outside of plant buildings
- System ID; including both frontline and support systems
- Key associated safety function from among the list of five safe shutdown and containment functions (i.e., Reactor Reactivity Control, Reactor Coolant Pressure Control, Reactor Coolant Inventory Control, Decay Heat Removal, and Containment Function) and several support system functions mentioned in the EPRI walkdown guidance. Panels not previously evaluated for their associated safety functions (i.e., from the ongoing PRA for internal fires) were retained for the selection process.
- Internal event PRA risk achievement worth (RAW) and Fussell-Vesely importance measures, if available.

The equipment ID and description fields were used to assign each retained SSC to one of the EPRI equipment categories (from Table A-1 of Reference 1) used for fragility analysis. For some EPRI Categories (i.e., 0, 1, 2, 3 and 20), a sub-category was defined and tracked separately from the original category. For example, Category 1a was assigned for 480V breakers that are found within the motor control center (MCC) cabinet (i.e., Category 1). None of the breaker SSCs (i.e., assigned to Category 1a) were separately selected for the walkdown because they are accounted for already in the selection of MCCs. The check valves and manual valves were assigned to Sub-Category 0d, to avoid linking these numerous SSCs with SSCs also assigned to

the EPRI other category. A total of 10 SSCs were selected from the 0 and 0d EPRI categories. All of the EPRI categories were later employed as part of the SSC selection process. Except for EPRI Categories 11 (chillers), 12 (air compressors), and 13 (motor generators) at least one SSC was selected from the other EPRI categories. Equipment in categories 11, 12, and 13 do appear on the combined list, however, at Beaver Valley Unit 2, none of these equipment are seismic Category 1 and therefore are screened from Base list 1.

Base List 1, as defined in the EPRI walkdown guidance is attached as Table 4-1 for Beaver Valley Unit 2. The equipment coming out of Screen #3 and entering Screen #4, make up the "Base List 1". All SSCs in this table are seismic Category 1 SSCs, are not regularly inspected, and are associated with one of the safety functions and supporting systems defined in the EPRI guidance. They are therefore candidates for the SSC selection process. The column labeled SSC source identifies the original list of SSCs from which the SSC made its way onto the list. In some cases, SSCs appeared on both the original internal PRA and the IPEEE lists for Beaver Valley Unit 2. This is so indicated in the SSC source column.

SWEL 1, as defined in the EPRI walkdown guidance (Reference 1) is attached as Table 4-2.

The format is the same as that in the Base List 1, and the table is the same except that only the selected SSCs are shown. The equipment coming out of Screen #4 and entering the SWEL 1 bucket make up the SWEL 1 list. The selected SSCs have been chosen to account for a variety of systems, equipment types, room environments, and considering whether the SSCs involve new or replaced equipment since the completion of the IPEEE, or are subject to enhancements as a result of findings from the IPEEE.

SWEL 1 includes representative items from some of the variations within each of the above attributes. A total of 109 SSCs were selected. Beaver Valley Unit 2 plant operations staff was consulted in the SSC selection process. The selected list of SSCs is from most all of the major buildings including the containment. Two components are from the valve pit and one (Refueling Water Storage Tank) is from the yard. Many of the selected SSCs are from support systems, but there are also SSCs selected from each frontline system. A total of 94 SSCs came from the original IPEEE or current internal events PRA model. Another 10 SSCs came from the list of panels reviewed for the Fire PRA (Fire Panels). SSCs are selected from each of the safety functions, including 7 related to the containment function. There were 13 SSCs selected that are located in relatively high radiation areas and 11 that are often in damp or humid areas and 2 that

are in wet areas. Most SSCs selected are in cool and dry areas. However, 77 are chosen from normally warm areas and 10 from relatively hot areas

The column in Table 4-2 labeled "Reason for Selection into SWEL 1" summarizes the basis for selecting the chosen SSCs. The screens referred to for each SSC are associated with the screen numbers listed across the top of the table. SSCs which are new or subject to a major replacement are assigned a screen of 4d. Also, SSCs subject to IPEEE vulnerability are labeled as Screen 4e. For a number of SSCs, the internal events PRA importance rankings (i.e., Screen 4f) indicated that the SSC is risk significant (i.e., RAW>2 or FV>.005). A representative set, but not all, of such risk significant SSCs were, therefore, included in the selected list. A number of selected SSCs are located inside the containment. These SSCs were not accessible and therefore were not examined during the September walkdowns. Those SSC's located in containment were walked down on October 5th 2012 during refueling outage 2R16.

4.2 DEVELOPMENT OF SWEL 2 FOR SPENT FUEL POOL RELATED ITEMS

For spent fuel pool repeated items, there was no starting list of SSCs with which to begin. Instead, the functions of the spent fuel pool systems were reviewed and equipment related to pool cooling and make up were included on a new list. Reference 4 details the operator actions to respond to a loss of spent fuel pool cooling or a loss of inventory. The functions considered were normal spent fuel pool cooling, spent fuel pool makeup from demineralized water, spent fuel pool makeup using gravity feed from the refueling water storage tank (RWST), and spent fuel pool makeup from the fire protection system or from river water. The equipment identified for these functions in Reference 4 were included in the list along with the SSCs which make up the boundaries of the alternative makeup flow paths. The RWST and CVCS (i.e., from the blender) system were not included in the spent fuel pool list of SSCs as those systems are included in Base List 1; i.e., see Section 4.1.

Base List 2 is attached as Table 4-3. The equipment coming out of Screen #2 and entering Screen #3 in Figure 1-2 of the EPRI walkdown guidance report (Reference 1) make up "Base List 2." All SSCs on this list are seismic category 1 and involve equipment and systems related to the spent fuel pool. At Beaver Valley Unit 2, the spent fuel pool cooling pumps and heat exchangers are Seismic Category 1 and therefore are included on Base List 2

Attributes of the retained SSCs were collected for the following information:

- Equipment ID
- Brief SSC Description
- SSC location – by building, elevation, and plant room number
- The room environment in where the SSC is located; including radiation level, moisture level, room temperature, and whether the location is inside or outside of plant buildings. The equipment ID and description fields were used to assign each retained SSC to one of the EPRI equipment Categories used for fragility analysis. These EPRI categories were later employed as part of the SSC selection process.

At Beaver Valley Unit 2, it is not possible to siphon the spent fuel pool level down to less than 10' above the top of the spent fuel rack; i.e., failures resulting in a rapid drain-down cannot occur (Reference 5). Therefore, the rapid drain-down list of SSCs is empty for Beaver Valley Unit 2.

SWEL 2, as defined in the EPRI walkdown guidance is attached as Table 4-4. A total of 10 equipment items are included in SWEL 2.

There are no entries from rapid drain-down considerations; i.e., from Screen #4. The equipment coming out of Screen #3 and entering the SWEL 2 bucket in Figure 1-2 from the EPRI walkdown guidance report make up this second Seismic Walkdown Equipment List. The format is the same as that in the Base List 2, and the table entries are the same except that only the selected SSCs are shown. The selected SSCs have been chosen to account for a variety of equipment types and room environments. Since Base List 2 is much shorter than that of Base List 1, and the number of applied screens smaller, the column labeled "Reason for Selection" simply contains the associated EPRI category and a text description of why each SSC was chosen. Since the types of Seismic Category 1 equipment related to the spent fuel pool are limited, so too is the variety of equipment types among the SSCs selected.

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1RW-683	UNIT 1 - UNIT 2 BEARING SEAL WTR CROSS	INTS	705	C CUB-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2BDG-AOV100A1	STM GEN 21A BLOWDOWN OUTSIDE	MSCV	718	PEN D -720		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Damp	Warm	Yes				
2BDG-AOV100B1	STM GEN 21B BLOWDOWN OUTSIDE CNMT ISOL	MSCV	718	PEN B -720		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV100C1	STM GEN 21C BLOWDOWN OUTSIDE CNMT ISOL	MSCV	718	PEN B -720		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV101A1	STM GEN 21A BLOWDOWN INSIDE CNMT ISOLA	RCBX	718	ANNULUS - COL 11 724		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV101A2	STM GEN 21A BLOWDOWN INSIDE CNMT ISOLA	RCBX	718-727	-727		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV101B1	STM GEN 21B INSIDE CNMT ISOLATION	RCBX	718	PEN -COL 10 720		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2BDG-AOV101B2	STM GEN 21B BLOWDOWN INSIDE CNMT ISOLA	RCBX	718	PEN -COL 10 720		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV101C1	STM GEN 21C BLOWDOWN INSIDE CNMT ISOLA	RCBX	718	PEN -COL 10 724		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BDG-AOV101C2	STM GEN 21C BLOWDOWN INSIDE CNMT ISOLA	RCBX	718	PEN -COL 10 724		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	SGPORV	No	Dry	Warm	Yes				
2BNCHBD-A	MAIN CONTROL BOARD BENCH SECTION A	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2BNCHBD-B	MAIN CONTROL BOARD BENCH SECTION B	CNTB	735			Fire Panels	7	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes	2			

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2BNCHBD-C	MAIN CONTROL BOARD BENCH SECTION C	CNTB	735			Fire Panels	8	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes	2			
2CAB-RCPBP-04	CONTAINMENT PENETRATION BACKUP PROTECT	MSCV	735			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2CAB-RCPBP-05	CONTAINMENT PENETRATION BACKUP PROTECTIO	MSCV	735			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2CAB-RCPBP-06	CONTAINMENT PENETRATION BACKUP PROTECT	MSCV	735			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2CAB-RCPBP-07	CONTAINMENT PENETRATION BACKUP PROTECT	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CAB-RCPBP-08	CONTAINMENT PENETRATION BACKUP PROTECTIO	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2CCP-1	COMPONENT COOLING PUMP P21A	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-1105	CNMT RETURN HDR TO CLG	MSCV	722	PEN A		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Damp	Warm	Yes			1.82E+01	1.14E-05
2CCP-1106	CNMT RETURN HDR TO CLG PMP	MSCV	722			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Damp	Warm	Yes			1.82E+01	1.14E-05
2CCP-151	CCP HT EX21A DISCH ISOL	AXLB	718			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-16	HEAT EXCHANGER E21B	AXLB	710			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-17	HEAT EXCHANGER E21C	AXLB	710			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-2	COMPONENT COOLING PUMP P21B	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-249	RESIDUAL HT EX 2RHS*E21A DISCH ISOL	RCBX	718	-ANNULUS -713 COL 17/1 BELOW GRA		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-250	RESIDUAL HT EX 2RHS*E21B DISCH ISOL	RCBX	718	-ANNULUS -713 COL 17/1 BELOW GRA		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-251	(2RHS*E21A) RESID HT REMOVAL HX AND SEAL	RCBX	718	-ANNULUS -713 COL 17/1 BELOW GRA		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-252	(2RHS*E21B) RESID HT REMOVAL HX AND SEAL	RCBX	718	-ANNULUS -713 COL 17/1 BELOW GRA		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-253	(2RHS*E22A) SEAL COOLER COOLING WATER IN	RCBX	692	-RHS PLATFORM - 708		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-254	RESIDUAL HT REMOVAL PP SEAL COOLER E22B	RCBX	692	-RHS PLATFORM - 708		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-255	(2RHS*E22A) SEAL COOLER COOLING WTR DISC	RCBX	692	-RHS PLATFORM - 709		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-256	(2RHS*E22B) SEAL COOLER COOLING WTR DISC	RCBX	692	-RHS PLATFORM - 709		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-257	(2RHS*E22A) SEAL COOLER COOLING WATER DI	RCBX	692	-RHS PLATFORM - 708		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-258	(2RHS*E22B) SEAL COOLER COOLING WATER DI	RCBX	692	-RHS PLATFORM - 708		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-259	RCP 21A COMB COOLING WATER DISCH CK	RCBX	718	-ANNULUS -COL 14 BELOW GRATING		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-260	DISCH HDR A TO CONTAINMENT PENETRATION C	MSCV	722	-PEN -731		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-27A	COMP COOL PUMP P21C DISCH CROSS CONN TO	AXLB	735	743	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-27B	COMP COOL PUMP P21C DISCH CROSS CONN TO	AXLB	735	743		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-286	PENETRATION COOLING COIL COMB DISCH TO R	MSCV	722	-PEN -726		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-287	PNTRTN CLNG COIL COMB DISCH TO SUCTION H	MSCV	722	-PEN -726		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-289	RCP 21A THERMAL BARRIER	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-290	RCPB THERMAL BARRIER COOLING	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-291	RCPC THERMAL BARRIER COOLING	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-293	(2RCS*P21A) THERMAL BARRIER	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-3	COMPONENT COOLING PUMP P21C	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-304	RCPB COOLING WATER DISCHARGE	RCBX	692			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-305	RCPC COOLING WATER DISCHARGE CHECK	RCBX	692	- -708 ABOVE SUMP		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-306	RCPA THERMAL BARRIER COOLING	RCBX	718	A RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-307	RCPB THERMAL BARRIER COOLING	RCBX	718	B RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-308	RCPC THERMAL BARRIER COOLING	RCBX	718	C RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-310	RCPA THERMAL BARRIER COOLING	RCBX	718	A RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-321	CCP SURGE TK A SURGE LINE	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-322	CCP SURGE TK B SURGE LINE	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-323	CCP SURGE TK A SURGE LINE ISOL TO PP P21	AXLB	735-739	739		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-324	SUCTION HEADER CROSS CONNECT	AXLB	735-742	742		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-325	SUCTION HEADER CROSS CONNECT	AXLB	735-743	743		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-326	CCP SURGE TK B SURGE LINE ISOL TO PP P21	AXLB	735-739	739		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-327	(2CCP*DCV100-2) OUTLET ISOLATION	AXLB	735-737	737		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-328	(2CCP*DCV100-1) OUTLET	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-331	(2CCP*DCV100-2) INLET ISOLATION	AXLB	735-737	737		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-332	(2CCP*DCV100-1) INLET ISOLATION	AXLB	735-737	737		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-34A	SURGE TK A ISOLATION	AXLB	773			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-34B	SURGE TK B ISOLATION	AXLB	773			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-350	COMP COOL WTR TO CONT INST	MSCV	773			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Damp	Warm	Yes				
2CCP-351	COMBINED RETURN FROM	MSCV	773			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Damp	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-352	RETURN FROM CONTAINMENT INST	MSCV	773			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Damp	Warm	Yes				
2CCP-354	CCP HT EX COMBINED DISCH HEADER CROSS CO	AXLB	718-721	- -721 2- AXLB-718--721		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.14E-05
2CCP-355	CCP HT EX COMBINED DISCH HEADER CROSS CO	AXLB	718-721	721		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.14E-05
2CCP-4	COMPONENT COOLING PUMP P21A	AXLB	735		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-450	RCP C THERMAL BARRIER	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-451	RCP B THERMAL BARRIER	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-452	RCP C THERMAL BARRIER	RCBX	718	C RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-453	RCP B THERMAL BARRIER	RCBX	718	B RCP PUMP CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-5	COMPONENT COOLING PUMP P21B	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-6	COMPONENT COOLING PUMP P21C	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-7	COMPONENT COOLING PUMP P21A	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-8	COMPONENT COOLING PUMP P21B	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-9	COMPONENT COOLING PUMP P21C	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-AOV107A	2CCP*AOV107A BB C/S	RCBX	718-721	- -721 A RCP PUMP CUBICLE	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic-Operated Valves	CCR	No	Dry	Warm	Yes				
2CCP-AOV107B	2CCP*AOV107B BB C/S	RCBX	718-721	- -721 B RCP PUMP CUBICLE		IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	CCR	No	Dry	Warm	Yes				
2CCP-AOV107C	2CCP*AOV107C BB C/S	RCBX	718	-C RCP PUMP -		IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	CCR	No	Dry	Warm	Yes				
2CCP-CSMOV113	CONTROL STATION FOR 2CCP-MOV114	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	CCR	No	Dry	Cool	Yes				
2CCP-DCV100-1	PRIM COMP CLG WTR PUMP DIFF PRESS CONT	AXLB	735-737	- -737 2-AXLB-735--737		PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-DCV100-2	PRIM COMP CLG WTR PUMP DIFF PRESS CONT	AXLB	735-737	- -737 2-AXLB-735--737		PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-DCV101A	(2CCP*E21A) DIFF PRESS	AXLB	710			IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-DCV101B	(2CCP*E21B) DIFF PRESS	AXLB	710	A EVAP CUB		IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-DCV101C	(2CCP*E21C) DIFF PRESS	AXLB	710			IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-DT101B	2CCP-E21B DIFF PRESS TRANSMITTER	AXLB	710			IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	CCR	No	Dry	Warm	Yes				
2CCP-E21A	PRIMARY CCW HEAT EXCHANGER	AXLB	710	FIG 3.8-30/24	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes	ECP 12-0242-001 Replace HX			
2CCP-E21B	PRIMARY CCW HEAT EXCHANGER	AXLB	710	FIG 3.8-30/22		IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes				
2CCP-E21C	PRIMARY CCW HEAT EXCHANGER	AXLB	710	FIG 3.8-30/23		IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes				
2CCP-EJM214A	PRIMARY CCW PUMP P21A SUCTION HDR	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes			1.82E+01	1.37E-06

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-EJM214B	PRIMARY CCW PUMP P21B SUCTION HDR	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes			1.82E+01	1.37E-06
2CCP-EJM214C	PRIMARY CCW PUMP P21C SUCTION HDR	AXLB	735			IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes			1.82E+01	1.37E-06
2CCP-FT107A	REACTOR COOLANT PUMP 2RCS-P21A Thermal Barrier Flow Output	RCBX	718		Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	18. Instrument on Rack	CCR	No	Dry	Hot	Yes				
2CCP-FT107B	REACTOR COOLANT PUMP 2RCS-P21B	RCBX	718			IPEEE	1	No	4. SW&CCW	18. Instrument on Rack	CCR	No	Dry	Warm	Yes				
2CCP-FT107C	REACTOR COOLANT PUMP 2RCS-P21C	RCBX	718			IPEEE	1	No	4. SW&CCW	18. Instrument on Rack	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-MOV103A	(2RCS*P21A) CLG WTR SUPPLY ISOL	RCBX	718	-ANNULUS -ANNULUS-719 COL 14		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV103B	(2RCS*P21B) CLG WTR SUPPLY ISOL	RCBX	718	-PEN - PEN-719 COL 9		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV103C	(2RCS*P21C) CLG WTR SUPPLY ISOL	RCBX	718	-ANNULUS -ANNULUS-719 C0L 4		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV112A	(2RHS*E21A 22A) SUPPLY ISOL	RCBX	718	-ANNULUS -720 C0L 17/1	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV112B	(2RHS*E21B 22B) SUPPLY ISOL	RCBX	718	-ANNULUS -720 COL 17/1		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV118	CONTROL SWITCH FOR 2CCP-MOV118	MSCV	773	775		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV119	CNMT INST AIR CMPRSR SUPPLY	MSCV	773	-IAC ROOM -	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV120	CNMT INST AIR CMPRSR CLG RET C/S	MSCV	773	- -774 2- MSCV-773--774		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-MOV150-1	CCP SPLY HDR OUTSIDE CNMT ISOL	MSCV	722	- -733 2-MSCV-722--733	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV150-2	CCP SPLY HDR INSIDE CNMT ISOL	RCBX	718	-ANNULUS -ANNULUS-725 COL 11		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV151-1	CCP SUPPLY - OUTSIDE CNMT ISOL	MSCV	722	- -725 2-MSCV-722--725		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV151-2	CCP SUPPLY - INSIDE CNMT ISOL	RCBX	718	-ANNULUS -ANNULUS-723 COL 11		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV156-1	CCP RETURN - OUTSIDE CNMT ISOL	MSCV	722	-PEN - PEN-728		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV156-2	CCP RETURN - INSIDE CNMT ISOL	RCBX	718	-ANNULUS -ANNULUS-723 COL 11		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV157-1	"B" RETRN HDR OUTSIDE CNMT	MSCV	722	- -728 2-MSCV-722--728		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-MOV157-2	"B" RETURN HDR INSIDE CNMT	RCBX	718	-ANNULUS -ANNULUS-723 COL 11		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-P21A	PRIMARY COMPONENT CLG PUMP "A"-C/	AXLB	735	- - N/EAST 2-AXLB-735--N/E	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	5. Horizontal Pumps	CCR	No	Dry	Warm	Yes				
2CCP-P21B	PRIMARY COMPONENT CLG PUMP "B"-C/	AXLB	735	- - 2-AXLB-735--		IPEEE & PRA	1	No	4. SW&CCW	5. Horizontal Pumps	CCR	No	Dry	Warm	Yes				
2CCP-P21C	PRIMARY COMPONENT CLG PUMP "C"-C/	AXLB	735	- -"C" CCP PUMP		IPEEE & PRA	1	No	4. SW&CCW	5. Horizontal Pumps	CCR	No	Dry	Warm	Yes				
2CCP-PNL100-1	CONTROL PANEL FOR 2CCP-DCV100-1	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	CCR	No	Dry	Cool	Yes				
2CCP-PNL100-2	CONTROL PANEL FOR 2CCP-DCV100-2	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	CCR	No	Dry	Cool	Yes				
2CCP-PT107A	REACTOR COOLANT PUMP 2RCS-P21A Thermal Barrier Pressure Output	RCBX	718		Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	18. Instrument on Rack	CCR	No	Dry	Hot	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-PT107B	REACTOR COOLANT PUMP 2RCS-P21B	RCBX	718			IPEEE	1	No	4. SW&CCW	18. Instrument on Rack	CCR	No	Dry	Warm	Yes				
2CCP-PT107C	REACTOR COOLANT PUMP 2RCS-P21C	RCBX	718			IPEEE	1	No	4. SW&CCW	18. Instrument on Rack	CCR	No	Dry	Warm	Yes				
2CCP-RV116A	RCPA THERMAL BARRIER CLG WTR	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-RV116B	RCPB THERMAL BARRIER CLG WTR	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-RV116C	RCPC THERMAL BARRIER CLG WTR	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				
2CCP-RV120A	PRIMARY COMP CLG WTR SUPPLY TO CNMT IN	MSCV	773	- -775 2-MSCV-773--775		PRA	1	No	4. SW&CCW	0. Other	CCR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CCP-TK21A	COMPONENT COOLING SURG TANK	AXLB	773	FIG 3.8-33/114	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes				
2CCP-TK21B	COMPONENT COOLING SURG TANK	AXLB	773	FIG 3.8-33/115		IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes				
2CCP-TRS-P21C	2CCP-P21C PUMP MANUAL TRANSFER SWITCH PA	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	CCR	No	Dry	Cool	Yes				
2CHS-136	BORIC ACID TO CHG PP SUCT CHECK	AXLB	755	-TK 21A CUB -2-AXLB-755 - TK 21A CUB		PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-141	EMER BORATION CHECK	AXLB	710	-BLENDER RM -713 16' N LDR W OF WAL		PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-152	CHG PP 21A MINI-FLOW CHECK	AXLB	735	-P21A CUB - 741 2-AXLB-735 -P21A C		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-153	CHG PP 21B MINI-FLOW CHECK	AXLB	735	-P21B CUB - 741 2-AXLB-735 -P21B C		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-154	CHG PP 21C MINI-FLOW CHECK	AXLB	735	-P21C CUB - 741 2-AXLB-735 -P21C C		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-178	RCP 21B SEAL FLOW THROTTLE	MSCV	718	PEN A		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Damp	Warm	Yes				
2CHS-179	RCP 21A SEAL FLOW THROTTLE	MSCV	718	PEN A		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Damp	Warm	Yes				
2CHS-18	VCT OUT CHECK	AXLB	710	-BLENDER RM -712 2-AXLB-710 -BLENDE		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-180	RCP 21C SEAL FLOW THROTTLE	MSCV	718	PEN A		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Damp	Warm	Yes				
2CHS-181	RCP 21A SEAL SUPPLY CHECK	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-182	RCP 21B SEAL SUPPLY CHECK	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-183	RCP 21C SEAL SUPPLY CHECK	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-184	RCP 21A SEAL SUPPLY ISOL	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-185	RCP 21B SEAL SUPPLY ISOL	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-187	RCP 21C SEAL SUPPLY ISOL	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-188	RCP 21A SEAL SUPPLY CHECK	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-189	RCP 21B SEAL SUPPLY CHECK	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-19	VCT CHG PP 21A SUCT ISOL	AXLB	735	P21A CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-190	RPC 21C SEAL SUPPLY CHECK	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-20	VCT CHG PP 21B SUCT ISOL	AXLB	735	P21B CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-21	VCT CHG PP 21C SUCT ISOL	AXLB	735	P21C CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-218	SEAL WTR HX IN ISOL	AXLB	718	-HX CUB - 734 2-AXLB-718 -HX CUB		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-219	SEAL WTR HX OUT ISOL	AXLB	718	-HX CUB - 734 2-AXLB-718 -HX CUB		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-22	CHG PP 21A DISCH CHECK	AXLB	735	P21A CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-23	CHG PP 21B DISCH CHECK	AXLB	735	P21B CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-24	CHG PP 21C DISCH CHECK	AXLB	735	P21C CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-25	CHG PP 21A DISCH ISOL	AXLB	735	P21A CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-26	CHG PP 21B DISCH ISOL	AXLB	735	P21B CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-27	CHG PP 21C DISCH ISOL	AXLB	735	P21C CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-28	(2CHS*FCV122) INLET ISOL	AXLB	710	-BLENDER RM -712 24' N LDR W OF WAL		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	8.71E-07
2CHS-30	(2CHS*FCV122) OUT ISOL	AXLB	710	-BLENDER RM -712 27' N LDR W OF WAL		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	8.71E-07
2CHS-31	CHARGING HEADER ISOL CHECK	RCBX	718	-PEN - COL 10 2-RCBX-718-PEN-		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.41E-06
2CHS-473	SEAL STR RETURN CNMT ISOL	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-474	RCP 21A SEAL SUPPLY	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-475	RCP 21C SEAL SUPPLY	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-476	RCP 21B SEAL SUPPLY	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-480	(2CHS*HCV186) INLET ISOL	AXLB	718	UPPER BLENDER RM		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-481	(2CHS*HCV186) OUTLET ISOL	AXLB	718	UPPER BLENDER RM		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-485	SEAL WTR INJECT FLT 24A	AXLB	718	FLT 24A CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-486	SEAL WTR INJECT FLT 24A	AXLB	718	FLT 24A CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-70	VCT TO SAMPLE ISOL	AXLB	755	TK 21B CUB		IPEEE	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-71	BORIC ACID TANK 21A OUT	AXLB	755	TK 21A CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-72	BORIC ACID TANK 21B OUT	AXLB	755	TK 21B CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-73	BORIC ACID PP 22A SUCT ISOL	AXLB	755	P22A CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-74	BORIC ACID PP 22B SUCT ISOL	AXLB	755	P22B CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-75	BORIC ACID PP 22A DISCH	AXLB	755	P22A CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-784	CHS TO AUX SPRAY DOWNSTREAM CHECK	RCBX	718	-PRT CUB - 695 2-RCBX-718 -PRT CU		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-785	CHS TO AUX SPRAY UPSTREAM CHECK	RCBX	718	-PRT CUB - 695 2-RCBX-718 -PRT CU		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-79	BORIC ACID PP 22A TO BORIC ACID FILTER	AXLB	755	-P22A CUB -		PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-80	BORIC ACID PP 22B TO BORIC	AXLB	755	P22B CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-81	BORIC ACID FILTER IN ISOL	AXLB	710	FLT 21 CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-82	BORIC ACID FILTER OUT ISOL	AXLB	710	FLT 21 CUB		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-83	BORIC ACID TO BLENDER ISOL	AXLB	710	BLENDER RM		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-84	BLENDER TO VCT CHECK	AXLB	710	BLENDER RM		IPEEE & PRA	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-87	BLENDER TO REFUELING CAVITY	AXLB	710	BLENDER RM		IPEEE & SFP	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-870	NORM CHARGING DOWNSTREA M CHECK VALVE TO	RCBX	718	-B RCP CUB -COLD LEG / 730 RTD PLA		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.41E-06
2CHS-871	NORM CHARGING UPSTREAM CHECK VALVE TO RC	RCBX	692	--ABOVE B CNMT AIR RECIRC FAN		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.41E-06
2CHS-88	BLENDER TO RWST CHECK	AXLB	710	BLENDER RM		IPEEE	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-89	BLENDER TO RWST ISOLATION	AXLB	710	BLENDER RM		IPEEE & SFP	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-92	PRIM WTR TO BLENDER CHECK	AXLB	710	BLENDER RM		IPEEE	1	No	A. Reactivity Control	0d. Other - check valve or manual valve	CVCS	No	Dry	Warm	Yes				
2CHS-AOV200A	CONTROL FLOW TO LETDOWN	RCBX	718	-PRT CUB - 720 NEXT TO PRT		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-AOV200B	CONTROL FLOW TO LETDOWN	RCBX	718	-PRT CUB - 720 NEXT TO PRT		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-AOV200C	CONTROL FLOW TO LETDOWN	RCBX	718	-PRT CUB - 720 NEXT TO PRT		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-AOV204	CONTROL FLOW TO E22	MSCV	718	-PEN A - PEN A-724 2-MSCV-718 -		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-E21	SEAL WATER HEAT EXCHANGER	AXLB	718	-HX CUB - 2-AXLB-718 -HX CUB		PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	CVCS	Yes	Dry	Warm	Yes				
2CHS-E25A	2CHS-P21A LUBE OIL COOLER	AXLB	735	--2-AXLB-735 - -		PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				
2CHS-E25B	2CHS-P21B LUBE OIL COOLER	AXLB	735	--OUTSIDE 2CHS-P21B CUBICLE		PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-E25C	2CHS-P21C LUBE OIL COOLER	AXLB	735	--2-AXLB-735 - -		PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				
2CHS-FCV114A	PRIMARY GRADE WATER TO	AXLB	710	-BLENDER RM -711 7' N LDR E OF WALK		IPEEE & SFP	1	No	A. Reactivity Control	7. Pneumatic Operated Valve Damper	CVCS	No	Dry	Warm	Yes				
2CHS-FCV122	CHARGING PUMPS DISCHARGE FLOW CONTROL	AXLB	710	-BLENDER RM -713 25' N LDR W OF WAL		PRA	1	No	C. RCS Inventory Control	8b. Solenoid Operated Valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.73E-04
2CHS-FLT21	BORIC ACID FILTER 21	AXLB				IPEEE & PRA	1	No	A. Reactivity Control	0. Other	CVCS	No	Dry	Warm	Yes				
2CHS-FLT24A	SEAL WATER INJECT FILTER 24A	AXLB	735			IPEEE & PRA	1	No	C. RCS Inventory Control	0. Other	CVCS	No	Dry	Warm	Yes				
2CHS-LCV115B	PROVIDE RWST FLOW PATH TO HHSI	AXLB	718	-UPPER BLEN -721 SE CORNER	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-LCV115C	CHARGING PUMP SUCTION FROM VCT	AXLB	710	-BLENDER RM -713 17' N LDR E OF WAL		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-LCV115D	PROVIDE FLOW PATH TO HHSI FROM RW	AXLB	718	-BLENDER RM -721' UPPER BLENDER RM.		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-LCV115E	CHARGING PUMP SUCTION FROM VCT	AXLB	710	-BLENDER RM -713 15' N LDR E OF WAL		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-LCV460A	FLOW CONTROL VALVE	RCBX	692	-EXCESS LTDN PLAT-EXCESS LTDN PLAT-708		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-LCV460B	FLOW CONTROL VALVE	RCBX	692	-EXCESS LTDN PLAT-EXCESS LTDN PLAT-708		IPEEE & PRA	1	No	C. RCS Inventory Control	7. Pneumatic Operated Valve Damper	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV275A	CHARGING PUMP 21A MIN FLOW LINE ISOLATIO	AXLB	735	-P21A CUB - P21A CUB-736		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV275B	CHARGING PUMP 21B MIN FLOW LINE ISOLATIO	AXLB	735	-P21B CUB - P21B CUB-736		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-MOV275C	CHARGING PUMP 21C MIN FLOW LINE ISOLATIO	AXLB	735	-P21C CUB - P21C CUB-736		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV289	NORMAL CHARGING HDR ISOLATION VALVE	MSCV	718	-PEN A - PEN A-720 2-MSCV-718 -		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.26E-05
2CHS-MOV308A	SEAL WATER INJECTION ISO RCS*P21A	MSCV	718	-PEN A - PEN A-720 2-MSCV-718 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV308B	SEAL WATER INJECTION ISO RCS*P21B	MSCV	718	-PEN A - PEN A-720 2-MSCV-718 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV308C	SEAL WTR INJECT ISO RCS*P21C	MSCV	718	-PEN A - PEN A-720 2-MSCV-718 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV310	ISO TO CHARGING SYSTEM	RCBX	692	--S NEAR INNER STAIRS COL 7	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.26E-05

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-MOV311	ISO TO PRZ SPRAY CONTROL	RCBX	692	--S NEAR INNER STAIRS COL 6		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV350	EMERGENCY BORATE VLV	AXLB	710	-BLENDER RM -713 18' N LDR W OF WAL		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV373	CHARGING PUMP MINIMUM FLOW DISCH HDR ISO	AXLB	710	-BLENDER RM 25' N LDR E OF WALKWAY		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV378	ISO TO SEAL WATER FILTER	RCBX	718	-PEN - COL 9 / 729		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV381	SEAL WATER FILTER ISO	MSCV	718	-PEN A - 720		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV8130A	MAN ISOL (DURING INJECT TO RECIRC	AXLB	718	-UPPER BLEN -UPPER BLENDER RM- 721 N		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-MOV8130B	MAN ISOL (DURING INJECT TO RECIRC	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 N		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV8131A	MAN ISOL (DURING INJECT TO RECIRC	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 E		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV8131B	MAN ISOL (DURING INJECT TO RECIRC	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 E		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV8132A	ISOL - REDUNDENT (INJECT TO RECIR	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 N	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-MOV8132B	ISOL - REDUNDENT (INJECT TO RECIR	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 N		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-MOV8133A	ISOL - REDUNDENT (INJECT TO RECIR	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 W		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes			2.17E+00	2.60E-06

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-MOV8133B	ISOL - REDUNDENT (INJECT TO RECIR	AXLB	718	-UPPER BLEN -UPPER BLENDER RM-721 W		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	No	Dry	Warm	Yes			2.17E+00	2.60E-06
2CHS-P21A	PRIMARY HHSI (CHARGING) PUMP	AXLB	735	FIG 3.8-31/51	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	CVCS	Yes	Dry	Warm	Yes				
2CHS-P21B	PRIMARY HHSI (CHARGING) PUMP	AXLB	735	FIG 3.8-31/52		IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	CVCS	No	Dry	Warm	Yes				
2CHS-P21C	STANDBY HHSI (CHARGING) PUMP	AXLB	735	FIG 3.8-31/53		IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	CVCS	No	Dry	Warm	Yes				
2CHS-P22A	BORIC ACID INJECTION PUMP	AXLB	755	FIG 3.8-32/80		IPEEE & PRA	1	No	A. Reactivity Control	5. Horizontal Pumps	CVCS	No	Dry	Warm	Yes				
2CHS-P22B	BORIC ACID INJECTION PUMP	AXLB	755	FIG 3.8-32/81		IPEEE & PRA	1	No	A. Reactivity Control	5. Horizontal Pumps	CVCS	No	Dry	Warm	Yes				
2CHS-RV382B	SEAL WTR HX RELIEF	AXLB	718	-HX CUB - HX CUB-724 2-AXLB-718		PRA	1	No	C. RCS Inventory Control	0. Other	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-SOV206	ALTERNATE EMERGENCY BORATE VALVE	AXLB	755	-TK 21A CUB -TK 21A CUB-759	Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	8b. Solenoid Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-STRT103	STRAINER FOR 2CHS-P22A	-2	---	2- - - - 2----		PRA	1	No	C. RCS Inventory Control	0. Other	CVCS	Yes	Dry	Warm	Yes				
2CHS-STRT104	STRAINER FOR 2CHS-P22B	-2	---	2- - - - 2----		PRA	1	No	C. RCS Inventory Control	0. Other	CVCS	Yes	Dry	Warm	Yes				
2CHS-STRT105	STRAINER FOR 2CHS-P21A SUCTION	AXLB	735			IPEEE	1	No	C. RCS Inventory Control	0. Other	CVCS	Yes	Dry	Warm	Yes				
2CHS-STRT106	STRAINER FOR 2CHS-P21B SUCTION	AXLB	735			IPEEE	1	No	C. RCS Inventory Control	0. Other	CVCS	Yes	Dry	Warm	Yes				
2CHS-STRT107	STRAINER FOR 2CHS-P21C SUCTION	AXLB	735			IPEEE	1	No	C. RCS Inventory Control	0. Other	CVCS	Yes	Dry	Warm	Yes				
2CHS-TK21A	AUXILIARY BUILDING BORIC ACID	AXLB	755	--2-AXLB-755--	Screens 1,2,3,4a,4b	IPEEE & PRA	1	No	A. Reactivity Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CHS-TK21B	AUXILIARY BUILDING BORIC ACID	AXLB	755	--2-AXLB-755--		IPEEE & PRA	1	No	A. Reactivity Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				
2CHS-TK22	VOLUME CONTROL TANK	AXLB	755	--2-AXLB-755--		PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				
2CHS-TRS-P21C	2CHS-P21C PUMP MANUAL TRANSFER SWITCH PA	SRVB	730			Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	CVCS	No	Dry	Cool	Yes				
2CVS-93	CNMT ACT MONITOR SUPPLY	RCBX	718	PEN		IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV102	CONTAINMENT ISO CIA PENETR #43	MSCV	718	--2-MSCV-718--	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV151A	CNMT ISOLATION CIA PENET 93	MSCV	718	--2-MSCV-718--	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV151B	CNMT ISOLATION CIA PENET 92	MSCV	718	-PEN A -2-MSCV-718-PEN A		IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV152A	CNMT ISOLATION CIA PENET 93	MSCV	718	--2-MSCV-718--		IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2CVS-SOV152B	CNMT ISOLATION CIA PENET 92	MSCV	718	-PEN A -2-MSCV-718-PEN A		IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV153A	CNMT ISOLATION CIA PENET 44	MSCV	718	--2-MSCV-718--		IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2CVS-SOV153B	CNMT ISOLATION CIA PENET 44	RCBX	718	--PEN 44 2-RCBX-718--PEN 44		IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2DAS-AOV100A	CNMT ISOLATION CIA PENET 38	RCBX	718	-PEN - PEN-724 COL 9	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	7. Pneumatic-Operated Valves	CIS	Yes	Dry	Warm	Yes				
2DAS-AOV100B	CNMT ISOLATION CIA PENET 38	MSCV	718	-PEN A -2-MSCV-718-PEN A		IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	No	Dry	Warm	Yes				
2DAS-RV110	REACTOR CNMT SUMP PMPS (P204A&B) DISCH	MSCV	718	-PEN A -2-MSCV-718-PEN A-		PRA	1	No	Containment	0. Other	CIS	No	Dry	Warm	Yes				
2DGS-AOV108A	CNMT ISOLATION CIA PENET 29	RCBX	718	-PEN - PEN-724 COL 10		IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	No	Dry	Warm	Yes				
2DGS-AOV108B	CNMT ISOLATION CIA PENET 29	MSCV	718	-PEN A - PEN A-725 2-MSCV-718 -		IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2DGS-RV115	PRIMARY DRAINS TFR PMPS (P21A&B) DISCH T	MSCV	722-725	-PEN A - 725 2-MSCV-722-PEN A-7		PRA	1	No	Containment	0. Other	CIS	No	Dry	Warm	Yes				
2EGF-10	(2EGF*STR42) OUTLET CHECK	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-11	(2EGF*STR39) OUTLET ISOL	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-12	(2EGF*STR41) OUTLET ISOL	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-13	(2EGF*STR40) OUTLET ISOL	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-14	(2EGF*STR42) OUTLET ISOL	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-58	(2EGF*TK22A) FILL ISOL	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes			2.46E+00	2.25E-07
2EGF-59	(2EGF*TK22B) FILL ISOL	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes			2.87E+00	2.87E-07

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EGF-7	(2EGF*STR39) OUTLET CHECK	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-8	(2EGF*STR41) OUTLET CHECK	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-80	(2EGF*LIS203 A) ISOL	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-81	(2EGF*LIS204 A) ISOL	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-83	(2EGF*LIS203 B) ISOL	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-84	(2EGF*LIS204 B) ISOL	DGBX	732	2-2 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-9	(2EGF*STR40) OUTLET CHECK	DGBX	732	2-1 DG -		PRA	1	No	1. AC Power	0d. Other - check valve or manual valve	DGS	No	Dry	Warm	Yes				
2EGF-LIS203A	EMERGENCY GEN DAY TANK	DGBX	732		Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	1. AC Power	18. Instrument on Rack	DGS	No	Dry	Warm	Yes		Station Blackout		

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EGF-LIS203B	EMERGENCY GEN DAY TANK	DGBX				IPEEE & PRA	1	No	1. AC Power	0c. Other Sub-component	DGS	No	Dry	Warm	Yes				
2EGF-LIS204A	EMERGENCY GEN DAY TANK	DGBX				IPEEE & PRA	1	No	1. AC Power	0c. Other Sub-component	DGS	No	Dry	Warm	Yes				
2EGF-LIS204B	EMERGENCY GEN DAY TANK	DGBX				IPEEE & PRA	1	No	1. AC Power	0c. Other Sub-component	DGS	No	Dry	Warm	Yes				
2EGF-P21A	C/S DG 2-1 FUEL OIL XFER PP	DGBX	732	FIG 3.8-43/4A	Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	1. AC Power	6. Vertical Pumps	DGS	No	Dry	Warm	Yes		Station Blackout		
2EGF-P21B	C/S DG 2-1 FUEL OIL XFER PP	DGBX	732	FIG 3.8-43/4B		IPEEE & PRA	1	No	1. AC Power	5. Horizontal Pumps	DGS	No	Dry	Warm	Yes				
2EGF-P21C	C/S DG 2-2 FUEL OIL XFER PP	DGBX	732	FIG 3.8-43/4C		IPEEE & PRA	1	No	1. AC Power	5. Horizontal Pumps	DGS	No	Dry	Warm	Yes				
2EGF-P21D	C/S DG 2-2 FUEL OIL XFER PUMP	DGBX	732	FIG 3.8-43/4D		IPEEE & PRA	1	No	1. AC Power	5. Horizontal Pumps	DGS	No	Dry	Warm	Yes				
2EGF-STR39	2EGF-P21A DISCH HEADER STRAINER	DGBX	--			PRA	1	No	1. AC Power	0. Other	DGS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EGF-STR40	2EGF-P21B DISCH HEADER STRAINER	DGBX	--			PRA	1	No	1. AC Power	0. Other	DGS	No	Dry	Warm	Yes				
2EGF-STR41	2EGF-P21C DISCH HEADER STRAINER	DGBX	--			PRA	1	No	1. AC Power	0. Other	DGS	No	Dry	Warm	Yes				
2EGF-STR42	2EGF-P21D DISCH HEADER STRAINER	DGBX	--			PRA	1	No	1. AC Power	0. Other	DGS	No	Dry	Warm	Yes				
2EGF-TK21A	DIESEL GEN FUEL OIL STORAGE TANK	DGBX	732			PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes		Station Blackout	2.46E+00	6.75E-07
2EGF-TK21B	DIESEL GEN FUEL OIL STORAGE TANK	DGBX	--			PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.87E+00	8.60E-07
2EGF-TK22A	DIESEL GEN FUEL OIL DAY TANK	DGBX	732		Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.46E+00	6.75E-07
2EGF-TK22B	DIESEL GEN FUEL OIL DAY TANK	DGBX	--			PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.87E+00	8.60E-07

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EGS-E21A	DIESEL GENERATOR INTERCOOLER HEAT EXCHAN	DGBX	732	-		PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.46E+00	1.90E-05
2EGS-E21B	DIESEL GENERATOR INTERCOOLER HEAT EXCHAN	DGBX	732	-UNDER SKID		PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.87E+00	2.42E-05
2EGS-E22A	DIESEL GENERATOR JACKET WATER HEAT EXCHA	DGBX	732	-		PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.46E+00	1.90E-05
2EGS-E22B	DIESEL GENERATOR JACKET WATER HEAT EXCHA	DGBX	732	-		PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.87E+00	2.42E-05
2EGS-EG2-1	EMERGENCY DIESEL GENERATOR	DGBX	732	FIG 3.8-43/1A	Screens 1,2,3,4a,4b, 4c,4d,4e,4f	IPEEE & PRA	1	No	1. AC Power	17. Diesel Generator	DGS	No	Dry	Warm	Yes	ECP 11-0165-001 Air Tube Replacement	Station Blackout	2.31E+00	1.64E-02
2EGS-EG2-2	EMERGENCY DIESEL GENERATOR	DGBX	732	FIG 3.8-43/1B		IPEEE & PRA	1	No	1. AC Power	17. Diesel Generator	DGS	No	Dry	Warm	Yes			2.71E+00	1.99E-02

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EJS-CSMCCE01	2JS-CSMCCE01 CONTROL SWITCH FOR MCC-2-E0	INTS	705			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Humid/Dry	Cool	Yes				
2EJS-CSMCCE02	2EJS-CSMCCE02 CONTROL SWITCH FOR MCC-2-E	INTS	705			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Humid/Dry	Cool	Yes				
2EJS-CSMCCE03	2EJS-CSMCCE03 CONTROL SWITCH FOR MCC-2-E	AXLB	773			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE04	2EJS-CSMCCE04 CONTROL SWITCH FOR MCC-2-E	AXLB	773			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE05	2EJS-CSMCCE05 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EJS-CSMCCE06	2EJS-CSMCCE06 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE07	2EJS-CSMCCE07 CONTROL SWITCH FOR MCC-2-E	DGBX	759			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE08	2EJS-CSMCCE08 CONTROL SWITCH FOR MCC-2-E	DGBX	759			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE09	2EJS-CSMCCE09 CONTROL SWITCH FOR MCC-2-E	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE10	2EJS-CSMCCE10 CONTROL SWITCH FOR MCC-2-E	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2EJS-CSMCCE11	2EJS-CSMCCE11 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE12	2EJS-CSMCCE12 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE13	2EJS-CSMCCE13 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE14	2EJS-CSMCCE14 CONTROL SWITCH FOR MCC-2-E	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				
2EJS-CSMCCE15	2EJS-CSMCCE15 CONTROL SWITCH FOR MCC-2-E	CNTB	755			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	480V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-100	AUX FEED TO SG `B` CHECK	RCBX	767			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-101	AUX FEED TO SG `C` CHECK	RCBX	767			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-102	(2FWE*P22) `B` HEADER DISCHARGE ISOLATIO	SFGB	718	-SOUTH AT PUMP		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-109	PRIMARY DWST TO	DWST	735			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Damp	Warm	Yes				
2FWE-110	PRIMARY DWST TO (2FWE*P23B)	DWST	735			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Damp	Warm	Yes				
2FWE-111	PRIMARY DWST TO (2FWE*P23A)	DWST	735			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Damp	Warm	Yes				
2FWE-1165	DEMIN WATER SUPPLY	DWST	735			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Damp	Warm	Yes				
2FWE-1166	DEMIN WATER SUPPLY CHECK	DWST	735			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Damp	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-1185	(2FWE-P22-1) LUBE OIL PUMP FOOT VLV	SFGB	718	-SOUTH INSIDE RESERVOIR		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-1186	(2FWE-P23A1) LUBE OIL FOOT VLV	SFGB	718	-SOUTH INSIDE RESERVOIR		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-1187	(2FWE-P23B1) LUBE OIL PUMP FOOT VLV	SFGB	718	-NORTH INSIDE RESERVOIR		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-36	(2FWE*P22) `A` HEADER DISCH	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-37	(2FWE*P23A) `A` HEADER DISCH	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-38	(2FWE*P23B) `B` HEADER DISCH	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWE-42A	AUX FEED CHECK `A` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-42B	AUX FEED CHECK `B` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-43A	AUX FEED CHECK `A` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-43B	AUX FEED CHECK `B` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-44A	AUX FEED CHECK `A` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-44B	AUX FEED CHECK `B` HEADER	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-90	(2FWE*P22) SUPPLY FROM SERVICE WATER	SFGB	718	-SOUTH AT PUMP		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFWSU	No	Dry	Warm	Yes				
2FWE-91	(2FWE*P23A) SUPPLY FROM SERVICE WATER	SFGB	718	-SOUTH AT PUMP		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFWSU	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-92	(2FWE*P23B) SUPPLY FROM SERVICE WATER	SFGB	718	-NORTH AT PUMP		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFWSU	No	Dry	Warm	Yes				
2FWE-93	(2FWE*P22) SUPPLY FROM	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-94	(2FWE*P23A) SUPPLY FROM	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-95	(2FWE*P23B) SUPPLY FROM	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-98	SERVICE WATER ISOLATION	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFWSU	No	Dry	Warm	Yes				
2FWE-99	AUX FEED TO SG `A' CHECK	RCBX	767			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-E22-1	(2FWE-P22) LUBE OIL COOLER	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				
2FWE-E23A1	(2FWE-P23A) LUBE OIL COOLER	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-E23B1	(2FWE-P23B) LUBE OIL COOLER	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				
2FWE-FCV122	(2FWE*P22) DISCHARGE CHECK	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-FCV123A	(2FWE*P23A) DISCHARGE CHECK	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-FCV123B	(2FWE*P23B) DISCHARGE CHECK	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	AFW	No	Dry	Warm	Yes				
2FWE-FE101A	300 GPM FLOW ELEMENT	SFGB	737-750	-750	Screens 1,2,3,4a,4b, 4c	PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	AFW	No	Dry	Warm	Yes				
2FWE-FE101B	300 GPM FLOW ELEMENT	SFGB	737-750	-750		PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	AFW	No	Dry	Warm	Yes				
2FWE-FE101C	300 GPM FLOW ELEMENT	SFGB	737-750	-750		PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	AFW	No	Dry	Warm	Yes				
2FWE-HCV100D	21B SG AUX FEED WATER THROTTLE	SFGB	741		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	AFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-HCV100E	21A SG AUX FEED WATER THROTTLE	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	AFW	No	Dry	Warm	Yes				
2FWE-HCV100F	21A SG AUX FEED WATER THROTTLE	SFGB	741			IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	AFW	No	Dry	Warm	Yes				
2FWE-P22	AUX FEED PUMP TURBINE DRIVEN	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes			2.42E+00	1.98E-02
2FWE-P22-1	(2FWE-P22) SHAFT DRIVEN LUBE OIL PUMP -	SFGB	719	FIG 3.8-3/S		PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				
2FWE-P23A	MOTOR-DRIVEN AUX FEED PUMP	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				
2FWE-P23A1	(2FWE-P23A) SHAFT DRIVEN LUBE OIL PUMP	SFGB	719	FIG 3.8-3/S		PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				
2FWE-P23B	MOTOR-DRIVEN AUX FEED PUMP	SFGB	718	FIG 3.8-3/N		IPEEE & PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-P23B1	(2FWE-P23B) SHAFT DRIVEN LUB OIL PUMP	SFGB	719	FIG 3.8-3/N		PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				
2FWE-PNL100B	CONTROL PANEL FOR 2FWE*HCV100B	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MFW	No	Dry	Cool	Yes				
2FWE-PNL100C	CONTROL PANEL FOR 2FWE-HCV100C	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MFW	No	Dry	Cool	Yes				
2FWE-PNL100D	CONTROL PANEL FOR 2FWE*HCV100D	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MFW	No	Dry	Cool	Yes				
2FWE-PNL100E	CONTROL PANEL FOR 2FWE-HCV100E	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MFW	No	Dry	Cool	Yes				
2FWE-PNL100F	CONTROL PANEL FOR 2FWE*HCV100F	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MFW	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWE-RV101	(2FWE*P22) DISCHARGE	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	AFW	No	Dry	Warm	Yes				
2FWE-T22	AUX FEED PUMP (2FWE-P22) DRIVER	SFGB	718	FIG 3.8-3/S		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	AFW	No	Dry	Warm	Yes				
2FWE-TGV22	GOVERNOR VALVE FOR	SFGB	718			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	AFW	No	Dry	Warm	Yes				
2FWE-TK22-1	(2FWE-P22) LUBE OIL RESERVOIR	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				
2FWE-TK23A1	(2FWE-P23A) LUBE OIL RESERVOIR	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				
2FWE-TK23B1	(2FWE-P23B) LUBE OIL RESERVOIR	SFGB	718	-		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	AFW	No	Dry	Warm	Yes				
2FWE-TTV22	TRIP AND THROTTLE VALVE FOR	SFGB	718	-SOUTH AT PUMP		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				
2FWS-275	DRAIN DOWNSTREAM (2FWS*28)	MSCV	773	MN STM VLV RM-774 BELOW A FW3'FRM CNMT P		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWS-276	DRAIN DOWNSTREAM (2FWS*29)	MSCV	773	MN STM VLV RM-774 BELOW B FW3'FRM CNMT P		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWS-28	FEED HEADER CHECK (2RCS*SG21A)	MSCV	773	MN STM VLV - 775 3'FRM A FWLINE CNMT PEN		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWS-29	FEED HEADER CHECK (2RCS*SG21B)	MSCV	773	MN STM VLV - 775 3'FRM B FWLINE CNMT PEN		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWS-30	FEED HEADER CHECK (2RCS*SG21C)	MSCV	773	MN STM VLV - 775 3'FRM C FWLINE CNMT PEN		PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MFW	No	Dry	Warm	Yes				
2FWS-FCV478	21A SG MAIN FEEDWATER REG VLV	SRVB	780-788	-788 FEED REG ROOM	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Hot	Yes	ECP 02-0902			
2FWS-FCV479	C/S 21A SG BYPASS FW CONTROL VLV	SRVB	780-788	-788	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Hot	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWS-FCV488	21B SG MAIN FEEDWATER REG VLV	SRVB	780	--		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				
2FWS-FCV489	C/S 21B SG BYPASS FW CONTROL VALV	SRVB	780-788	-788 FEED REG ROOM		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				
2FWS-FCV498	21C SG MAIN FEEDWATER REG VLV	SRVB	780-788	-788		PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				
2FWS-FCV499	C/S 21C SG BYPASS FW CONTROL VLV	SRVB	780-788	-788		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				
2FWS-HYV157A	BB C/S 21C SG FW ISOLATION	MSCV	773	MN STM VLV - 778	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Hot	Yes				
2FWS-HYV157B	BB C/S 21B SG FW ISOLATION	MSCV	773	MN STM VLV - 778		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				
2FWS-HYV157C	BB C/S 21C SG FW ISOLATION	MSCV	773	MN STM VLV - 778		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MFW	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2FWS-LT477F	(2RCS*SG21A) WIDE RANGE LEVEL TRANSMITTE	RCBX	718	-	Screens 1,2,3,4a,4b, 4c	PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	MFW	No	Dry	Warm	Yes				
2FWS-LT487F	(2RCS*SG21B) WIDE RANGE LEVEL TRANSMITTE	RCBX	718	-		PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	MFW	No	Dry	Warm	Yes				
2HCS-PNL100A	CONTAINMENT H2 MONITORING CONTROL PANEL	SRVB	730			Fire Panels	1	No	Containment	20. Instrument and Control Panels	CIS	No	Dry	Cool	Yes				
2HCS-PNL100B	CONTAINMENT H2 MONITORING CONTROL PANEL	SRVB	730			Fire Panels	1	No	Containment	20. Instrument and Control Panels	CIS	No	Dry	Cool	Yes				
2HVC-ACU201A	CONTROL ROOM A/C UNIT CONDENSER	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVC-BUBKR-PNLA	[ABANDONED IN PLACE PER ECP 02-0243-ID	CNTB	725			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVC-BUBKR-PNLB	[ABANDONED IN PLACE PER ECP 02-0243-ID	CNTB	725			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVC-PNL252A	LOCAL PANEL ON 2HVC-FLTA252A	CNTB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVC-PNL252B	LOCAL PANEL ON 2HVC-FLTA252B	CNTB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVD-CSFN222A	CONTROL SWITCH FOR 2HVD-FN222A D/G EXHA	DGBX	759			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVD-CSFN222B	CONTROL SWITCH FOR 2HVD-FN222B	DGBX	759			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVD-DMP201A	FLOW BALANCING DAMPER	DGBX	759	2-1 DG-	Screens 1,2,3,4a,4b, 4c	PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVD-DMP201B	FLOW BALANCING DAMPER	DGBX	759	2-2 DG-		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP202A	FLOW BALANCING DAMPER	DGBX	759	2-1 DG-		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP202B	FLOW BALANCING DAMPER	DGBX	759	2-2 DG-		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP203A	FLOW BALANCING DAMPER	DGBX	732	2-1 DG-		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP203B	FLOW BALANCING DAMPER	DGBX	732	2-2 DG-		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP22A	DISCHARGE DAMPER FOR	DGBX	759	2-1 DG	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-DMP22B	DISCHARGE DAMPER FOR	DGBX	759	2-2 DG		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVD-FN270A	DIESEL GEN BLDG SUPPLY FAN	DGBX	759	FIG 3.8-43/S	Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Station Blackout		

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVD-FN270B	DIESEL GEN BLDG SUPPLY FAN	DGBX	759	FIG 3.8-43/N		IPEEE & PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				
2HVD-FN271A	DIESEL GEN BLDG SECONDARY SUPPLY	DGBX				IPEEE & PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				
2HVD-FN271B	DIESEL GEN BLDG SECONDARY SUPPLY	DGBX				IPEEE & PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				
2HVD-MOD21A	MODULATING DIESEL ROOM	DGBX	759	2-1 DG		IPEEE & PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes			2.46E+00	1.27E-03
2HVD-MOD21B	MODULATING DIESEL ROOM	DGBX	759	2-2 DG		IPEEE & PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes			2.87E+00	1.61E-03
2HVD-MOD22A	MODULATING OUTSIDE AIR	DGBX	759	2-1 DG		IPEEE & PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes			2.46E+00	1.27E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVD-MOD22B	MODULATING OUTSIDE AIR	DGBX	759	2-2 DG		IPEEE & PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes			2.87E+00	1.61E-03
2HVF-CSUH220	CONTROL STATION FOR 2HVF-UH221 FUEL BL	FULB	768			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVP-CLC265A	MCC*2-E03 CUBICLE COOLING COILS	AXLB	755		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Warm	Yes				
2HVP-CSACUS300	CONTROL STATION FOR ACUS 301	CNTB				Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVP-CSFN265A	CONTROL STATION MCC CUBICLE RECIRC FAN	AXLB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVP-CSFN265B	CONTROL STATION MCC CUBICLE RECIRC FAN	AXLB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVR-ACU207A	SAFEGUARDS AREA A/C UNIT CONDENSER	SFGB	741		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Cool	Yes				
2HVR-SSFN201A	2HVR-FN201A SPEED CONTROL SWITCH PANEL	MSCV	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVR-SSFN201B	2HVR-FN201B SPEED CONTROL SWITCH PANEL	MSCV	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVR-SSFN201C	2HVR-FN201C SPEED CONTROL SWITCH PANEL	MSCV	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVR-TI228	CONTROL ROOM ALARM AND TEMPERATURE IND	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	19. Temperature Sensors	HVAC	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVR-TI228-1	CABLE VAULT AND ROD CONTROL ROOM TEMPE	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	19. Temperature Sensors	HVAC	No	Dry	Cool	Yes				
2HVR-TRS-FN201C	MANUAL TRANSFER SW FOR FAN 2HVR-FN201C	SRVB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVW-CSFN257A	CONTROL STATION TO	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVW-CSFN257B	CONTROL STATION TO	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVW-CSFN257C1	CONTROL STATION	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVW-CSFN257C2	CONTROL STATION	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVW-CSFN269A	CONTROL STATION TO 2HVW*FN269 A	CNTB				Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVW-CSFN269B	CONTROL STATION TO 2HVW*FN269B	CNTB				Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
2HVW-FN257A	INTAKE STRUCTURE CUB 4 SUPPLY FAN	INTS	705	-	Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	6. HVAC	9. Fans	HVAC	No	Humid/Dry	Cool	Yes			3.06E+00	1.52E-03
2HVW-FN257B	INTAKE STRUCTURE CUB 3 SUPPLY FAN	INTS	705	-		PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes			2.98E+00	1.40E-03
2HVW-FN257C	INTAKE STRUCTURE CUB 2 SUPPLY FAN	INTS	705	-		PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				
2HVW-ILMOD21A	INDICATOR LIGHT FOR 2HVW-MOD21A	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVW-ILMOD21B	INDICATOR LIGHT FOR 2HVW-MOD21B	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVW-MOD21A	OUTSIDE AIR DAMPER TO (2HVW*FN257A)	INTS	705-724	-724	Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Humid/Dry	Cool	Yes			2.88E+00	1.77E-05
2HVW-MOD21B	OUTSIDE AIR DAMPER TO (2HVW*FN257B)	INTS	705-724	-724		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes			2.81E+00	1.64E-05
2HVW-MOD21C	OUTSIDE AIR DAMPER TO (2HVW*FN257C)	INTS	705-724	-724 CUBICLE B		PRA	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVW-TRS-FN257C	INTAKE VENT FAN 2HVW-FN257C POWER TRAN	INTS	705			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Humid/Dry	Cool	Yes				
2HVZ-DMP214A	FLOW BALANCING DAMPER	SRVB	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP214B	FLOW BALANCING DAMPER	SRVB	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP215A	DISCHARGE DAMPER FOR	MSCV	773	-SWGR VENT ROOM	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVZ-DMP215B	DISCHARGE DAMPER FOR	MSCV	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP221A	FLOW BALANCING DAMPER	SRVB	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP221B	FLOW BALANCING DAMPER	SRVB	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP222A	DISCHARGE DAMPER FOR	MSCV	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-DMP222B	DISCHARGE DAMPER FOR	MSCV	773	-SWGR VENT ROOM		IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-FN261A	EMERG SWGR SUPPLY FAN	MSCV	767	Hung on Ceiling	Screens 1,2,3,4a,4b, 4c,4e	IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Loss of SWGR HVAC		
2HVZ-FN261B	EMERG SWGR SUPPLY FAN	MSCV	767	Floor Mounted	Screens 1,2,3,4a,4b, 4c,4e	IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Loss of SWGR HVAC		
2HVZ-FN262A	EMERG SWGR EXHAUST FAN	MSCV	755			IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2HVZ-FN262B	EMERG SWGR EXHAUST FAN	MSCV	755			IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes				
2HVZ-MOD21A	MODULATING OUTSIDE AIR	MSCV	773			IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-MOD21B	MODULATING OUTSIDE AIR	MSCV	773			IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-MOD22A	MODULATING EXHAUST AIR	MSCV	773			IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2HVZ-MOD22B	MODDULATING EXHAUST AIR	MSCV	773			IPEEE	1	No	6. HVAC	7. Pneumatic Operated Valve Damper	HVAC	No	Dry	Warm	Yes				
2IAC-22	(2IAC-TK21) RECEIVER INLET	RCBX	767			IPEEE & PRA	1	No	5. Compressed Air	0d. Other - check valve or manual valve	IAC	No	Dry	Warm	Yes			1.82E+01	1.81E-05
2IAC-DRY21	CONTAINMENT INSTRUMENT AIR	MSCV				IPEEE & PRA	1	No	5. Compressed Air	0. Other	IAC	No	Dry	Warm	Yes				
2IAC-MOV130	CONTAINMENT ISO CIA PENETR #59	MSCV	718	PEN C -		IPEEE & PRA	1	No	5. Compressed Air	8a. Motor Operated Valve	IAC	No	Dry	Warm	Yes			1.82E+01	2.13E-04

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2IAC-MOV133	CONTAINMENT ISO CIA PENETR #11	RCBX	718	PEN -727 COL 10		IPEEE & PRA	1	No	5. Compressed Air	8a. Motor Operated Valve	IAC	No	Dry	Warm	Yes				
2IAC-MOV134	CONTAINMENT ISO CIA PENETR #11	MSCV	718	PEN C -		IPEEE & PRA	1	No	5. Compressed Air	8a. Motor Operated Valve	IAC	No	Dry	Warm	Yes				
2IHA-BYCABCB	AUX ISOLATION CABINET	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-NCABAB1	ANNUNCIATOR TERMINAL CABINET	AXLB	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABAB1	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	AXLB	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABAB2	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	CNTB				Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2IHA-OCABAB3	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	CNTB				Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABCB0	ANNUNCIATOR ISOLATOR CABINET CONTROL B	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABCV1	CABLE VAULT ANNUNCIATOR ISOLATION CABI	MSCV	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABCV2	CABLE VAULT ANNUNCIATOR ISOLATION CABI	MSCV	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2IHA-OCABDG0	ANNUNCIATOR ISOLATOR CABINET DIESEL GENE	DGBX	732			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABSB1	ANNUNCIATOR ISOLATOR CABINET SERVICE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABSB2	ANNUNCIATOR ISOLATOR CABINET SERVICE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-OCABSB3	ANNUNCIATOR ISOLATOR CABINET SERIVCE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABAB1	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	AXLB	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2IHA-PCABAB2	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	CNTB				Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABAB3	ANNUNCIATOR ISOLATOR CABINET AUX BLDG	CNTB				Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABCB0	ANNUNCIATOR ISOLATOR CABINET CONTROL B	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABCV1	ANNUNCIATOR ISOLATOR CABINET CABLE VAULT	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABCV2	ANNUNCIATOR ISOLATOR CABINET CABLE VAU	MSCV				Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2IHA-PCABDG0	ANNUNCIATOR ISOLATOR CABINET DIESEL GENE	DGBX	732			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABSB1	ANNUNCIATOR ISOLATOR CABINET SERVICE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABSB2	ANNUNCIATOR ISOLATOR CABINET SERVICE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2IHA-PCABSB3	ANNUNCIATOR ISOLATOR CABINET SERVICE B	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2JB-0045	TRAIN A INCORE THERMOCOUPLE REFERENCE JU	RCBX	738			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2JB-0048	TRAIN B INCORE THERMOCOUPLE REFERENCE JU	RCBX	718			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
2MSS-15	(2FWE*T22) STM SUPPLY ISOL	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-16	(2FWE*T22) STM SUPPLY ISOL	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-17	(2FWE*T22) STM SUPPLY ISOL	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-18	(2FWE*T22) STM SUPPLY CHECK	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-19	(2FWE*T22) STM SUPPLY CHECK	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-196	(2FWE*T22) STM SUPPLY CHECK	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2MSS-199	(2FWE*T22) STM SUPPLY CHECK	MSCV	773	MN STM VLV RM		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-20	(2FWE*T22) STM SUPPLY CHECK	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-352	(2FWE*T22) STM SUPPLY CHECK	MSCV	773	MN STM VLV RM		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	MSI	No	Damp	Warm	Yes				
2MSS-AOV101A	BB C/S MAIN STEAM ISOLATION	MSCV	773-789	-789	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Hot	Yes				
2MSS-AOV101B	BB C/S MAIN STEAM ISOLATION	MSCV	773	-MN STM VLV RM		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				
2MSS-AOV101C	BB C/S MAIN STEAM ISOLATION	MSCV	773-789	-MN STM VLV RM789		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				
2MSS-AOV102A	BB C/S MAIN STEAM BYPASS (MSSAE)	MSCV	773-789	-789		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				
2MSS-AOV102B	BB C/S MAIN STEAM BYPASS (MSSAE)	MSCV	773-789	-789		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2MSS-AOV102C	BB C/S MAIN STEAM BYPASS (MSSAE)	MSCV	773-789	-789		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	MSI	No	Dry	Warm	Yes				
2MSS-PNL101A	CONTROL PANEL FOR 2SVS-PCV101A	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2MSS-PNL101B	CONTROL PANEL FOR 2SVS-PCV101B	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2MSS-PNL101C	CONTROL PANEL FOR 2SVS-PCV101C	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2MSS-RQI100	MAIN STEAM DISCH DETECTOR SKID	MSCV	773			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2MSS-SOV105A	BB SECTION C C/S 1A-MSSAT	MSCV	773-787	-787	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Hot	Yes				
2MSS-SOV105B	BB SECTION C C/S 1A-MSSBT	MSCV	773-786	-786		IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2MSS-SOV105C	BB SECTION C C/S 1A-MSSCT	MSCV	773-786	-786		IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Warm	Yes				
2MSS-SOV105D	BB SECTION C C/S 1A-MSSAU	MSCV	773-788	-788		IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Warm	Yes				
2MSS-SOV105E	BB SECTION C C/S 1A-MSSBU	MSCV	773-788	-788		IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Warm	Yes				
2MSS-SOV105F	BB SECTION C C/S 1A-MSSCU	MSCV	773-788	-788		IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Warm	Yes				
2MSS-SV101A	(2RCS*SG21A) MN STM SAFETY	MSCV	773		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Hot	Yes				
2MSS-SV101B	(2RCS*SG21B) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV101C	(2RCS*SG21C) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV102A	(2RCS*SG21A) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2MSS-SV102B	(2RCS*SG21B) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV102C	(2RCS*SG21C) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV103A	(2RCS*SG21A) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV103B	(2RCS*SG21B) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV103C	(2RCS*SG21C) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV104A	(2RCS*SG21A) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV104B	(2RCS*SG21B) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV104C	(2RCS*SG21C) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2MSS-SV105A	(2RCS*SG21A) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV105B	(2RCS*SG21B) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-SV105C	(2RCS*SG21C) MN STM SAFETY	MSCV	773			IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Warm	Yes				
2MSS-VPICAB	VALVE POSITION INDICATOR PROCESS CABIN	SRVB	730			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2NME-JB52A	EXCORE NEUTRON DET JUNCTION BOX	RCBX	692			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
2NME-JB52B	EXCORE NEUTRON DET JUNCTION BOX	RCBX	692			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2NME-N37_N45	EXCORE INSTRUMENT DRAWER N37- COMPTR A	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NME-N49	EXCORE INSTRUMENT DRAWER N50- FLUX DEV	CNTB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMI-N35	EXCORE INSTRUMENT DRAWER N35- INTERMED	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMI-N36	EXCORE INSTRUMENT DRAWER N36- INTERMED	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N41A	EXCORE INSTRU DRAWER N41A PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2NMP-N41B	EXCORE INSTRU DRAWER N41B PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N42A	EXCORE INSTRU DRAWER N42A PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N42B	EXCORE INSTRU DRAWER N42B PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N43A	EXCORE INSTRU DRAWER N43A PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N43B	EXCORE INSTRU DRAWER N43B PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2NMP-N44A	EXCORE INSTRU DRAWER N44A PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMP-N44B	EXCORE INSTRU DRAWER N44B PWR RNG	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMS-N31	EXCORE INSTRUMENT DRAWER N31- SOURCE R	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMS-N32	EXCORE INSTRUMENT DRAWER N32- SOURCE R	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2NMS-N34	AUDIO COUNT RATE N34 DRAWER ASSEMBLY (	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2NNS-ISOCAB	AUX ISOL CABINET FOR PNL-REL-265	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	4kv	No	Dry	Cool	Yes				
2PNL-RCPBP-02A	125 VDC/120 VAC CNMT PENET BACK-UP PRO	CNTB	707			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
2PNL-RCPBP-03A	125 VDC/120 VAC CNMT PENT BACK-UP PROT	CNTB	707			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
2PNL-RCPBP-07A	125 VDC/120 VAC CNMT PENT BACK-UP PROT	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
2PNL-RCPBP-08A	125 VDC/120 VAC CNMT PENT BACK-UP PROT	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
2PNL-RCPBP-12	125 VDC/120 VAC CNMT PENT BACK-UP PROT	MSCV	735			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2QSS-297	RWST SUCTION ISOL TO LOW HD	RWST	730		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	LHSI	No	Vary	Vary	No			2.31E+03	1.62E-02
2QSS-3	QUENCH PUMP P21B DISCHARGE	RCBX	738			IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2QSS-4	QUENCH PUMP P21A DISCHARGE	RCBX	738			IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2QSS-LT104A	REFUELING WATER STORAGE TANK LEVEL	RWST	730		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	Yard	18. Instrument on Rack	LHSI	No	Dry	Warm	Yes			2.89E+00	1.49E-04
2QSS-LT104B	REFUELING WATER STORAGE TANK	RWST	730			IPEEE & PRA	1	No	C. RCS Inventory Control	0c. Other Sub-component	LHSI	No	Dry	Warm	Yes			2.89E+00	1.49E-04
2QSS-LT104C	REFUELING WATER STORAGE TANK	RWST	730			IPEEE & PRA	1	No	C. RCS Inventory Control	0c. Other Sub-component	LHSI	No	Dry	Warm	Yes			2.89E+00	1.49E-04
2QSS-LT104D	REFUELING WATER STORAGE TANK	RWST	730			IPEEE & PRA	1	No	C. RCS Inventory Control	0c. Other Sub-component	LHSI	No	Dry	Warm	Yes			2.89E+00	1.49E-04

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2QSS-MOV100A	P21A SUCTION - BB C/S	SFGB	718	- - 729SOUTH-UP SHORT LADD	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2QSS-MOV100B	P21B SUCTION - BB C/S	SFGB	718	--728 NORTH - CHEM INJ PLATFORM		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2QSS-MOV101A	P21A DISCHARGE BB C/S	SFGB	718	- -729 SOUTH "A" RSS CUB	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2QSS-MOV101B	P21B DISCHARGE BB C/S	SFGB	718	- -"B" RSS CUB 728		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2QSS-P21A	QUENCH SPRAY PUMP 21A	SFGB	718	FIG 3.8-3/S		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2QSS-P21B	QUENCH SPRAY PUMP 21B	SFGB	718	FIG 3.8-3/N		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2QSS-TK21	REFUELING WATER STORAGE TANK	YARD				PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	LHSI	No	Wet	Cool	No			1.06E-03	2.31E+03
2RCS-68	PZR. RLF. TK NITROGEN SUPPLY	RCBX	718	PEN		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	PZR	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RCS-AOV101	CNMT ISOLATION CIA PENET 49	MSCV	718	-PEN C - #49 2-MSCV-718-PEN C-#	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	Yes	Dry	Warm	Yes				
2RCS-MOV535	STOP VALVE FOR PORV PCV-455C	RCBX	767	-PRZR CUB - PRZR CUB-784		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	PZR	Yes	Dry	Hot	Yes				
2RCS-MOV536	STOP VALVE FOR PORV PCV-456	RCBX	767	-PRZR CUB - PRZR CUB-784		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	PZR	Yes	Dry	Warm	Yes				
2RCS-MOV537	STOP VALVE FOR PORV PCV-455D	RCBX	767	-PRZR CUB - PRZR CUB-784		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	PZR	Yes	Dry	Warm	Yes				
2RCS-PCV455A	LOOP 21 ISO TO PRZ.	RCBX	738	-PRZR CUB - 2-RCBX-738 - PRZR CUB		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	PZR	Yes	Dry	Warm	Yes				
2RCS-PCV455B	PRESSURIZER SPRAY LOOP C	RCBX	738	-PRZR CUB - 2-RCBX-738 - PRZR CUB		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	PZR	Yes	Dry	Warm	Yes				
2RCS-PCV455C	PRZR POWER OPERATE RELIEF	RCBX	767	PRZR CUB		PRA	1	No	B. RCS Pressure Control	8b. Solenoid Operated Valve	PZR	Yes	Dry	Hot	Yes				
2RCS-PCV455D	SWITCH ON BENCH BOARD	RCBX	767	-PRZR CUB - PRZR CUB-784		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RPS	No	Dry	Warm	Yes			5.43E+00	7.27E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RCS-PCV456	SWITCH ON BENCH BOARD & ASP	RCBX	767	-PRZR CUB - PRZR CUB-784		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RPS	No	Dry	Warm	Yes			5.42E+00	7.25E-03
2RCS-PT440	REACTOR VESSEL LVL INST SYS PRESSURE TRA	MSCV	740	--2-MSCV-740--	Screens 1,2,3,4a,4b, 4c	PRA	1	No	B. RCS Pressure Control	18. Instrument on Rack	RPS	No	Dry	Warm	Yes				
2RCS-PT441	REACTOR VESSEL LEVEL INST SYSTEM PRESSUR	MSCV	740	--2-MSCV-740--		PRA	1	No	B. RCS Pressure Control	18. Instrument on Rack	RPS	No	Dry	Warm	Yes				
2RCS-RV551A	LIFT INDICTING SWITCH ASSEMBLY	RCBX	767	PRZR CUB		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RPS	No	Dry	Warm	Yes				
2RCS-RV551B	LIFT INDICATING SWITCH ASSEMBLY	RCBX	767	PRZR CUB		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RPS	No	Dry	Warm	Yes				
2RCS-RV551C	LIFT INDICATING SWITCH ASSEMBLY	RCBX	767	PRZR CUB		IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RPS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RHS-3	RHS TRAIN A PP DISCHARGE	RCBX	692	RHS PLATFORM		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	RHR	Yes	Dry	Warm	Yes				
2RHS-4	RHS TRAIN B PP DISCHARGE	RCBX	692	RHS PLATFORM		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	RHR	Yes	Dry	Warm	Yes				
2RHS-5	RHS TRAIN A PP DISCHARGE	RCBX	692	-RHS PLATFORM - 715 2-RCBX-692 -RHS PL		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	RHR	Yes	Dry	Warm	Yes				
2RHS-6	RHS TRAIN B PP DISCHARGE	RCBX	692	-RHS PLATFORM - 715 2-RCBX-692 -RHS PL		IPEEE & PRA	1	No	D. RCS Heat Removal	0d. Other - check valve or manual valve	RHR	Yes	Dry	Warm	Yes				
2RHS-E21A	RES HEAT REMOVAL HEAT EXCHANGER	RCBX	707	FIG 3.8-4		IPEEE & PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	RHR	Yes	Dry	Warm	Yes				
2RHS-E21B	RES HEAT REMOVAL HEAT EXCHANGER	RCBX	707	FIG 3.8-4	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	RHR	Yes	Dry	Warm	Yes				
2RHS-E22A	SEAL COOLER INTEGR RHS-P21A	RCBX		RCBX- -		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	RHR	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RHS-E22B	SEAL COOLER INTEGR RHS-P21B	RCBX		RCBX- -		PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	RHR	Yes	Dry	Warm	Yes				
2RHS-HCV758A	RHS TRAIN A HX OUTLET FLOW	RCBX	692	RHS PLATFORM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	RHR	Yes	Dry	Warm	Yes				
2RHS-HCV758B	RHS TRAIN B HX OUTLET FLOW	RCBX	692	RHS PLATFORM		IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic Operated Valve Damper	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV701A	BACKUP TO ISO 702A	RCBX	718	-A RCP PUMP -2-RCBX-718-A RCP PUMP		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV701B	RCS TO RHR P21B BACKUP ISO	RCBX	718	-A RCP PUMP -2-RCBX-718-A RCP PUMP		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV702A	RC TO RHR ISO	RCBX	718	-A RCP PUMP -2-RCBX-718-A RCP PUMP	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV702B	RCS TO RHR P21B TRAIN B ISO	RCBX	718	-A RCP PUMP -2-RCBX-718-A RCP PUMP		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RHS-MOV720A	RHR TO RCS LOOP 22 C.L. ISO	RCBX	718	-B RCP PUMP -2-RCBX-718-B RCP PUMP	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV720B	RHR TO RCS COLD LOOP 23	RCBX	718	-C RCP PUMP -2-RCBX-718-C RCP PUMP		IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-P21A	RHR PUMP A	RCBX	707	FIG 3.8-4	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	6. Vertical Pumps	RHR	Yes	Dry	Warm	Yes				
2RHS-P21B	RHR PUMP 21B	RCBX	707	FIG 3.8-4		IPEEE & PRA	1	No	D. RCS Heat Removal	6. Vertical Pumps	RHR	Yes	Dry	Warm	Yes				
2RHS-RV721A	RHS TRAIN A SUPPLY RELIEF	RCBX	692	-RHS PLATFO -712 2-RCBX-692 -RHS PL	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RHR	Yes	Dry	Warm	Yes				
2RHS-RV721B	RHS TRAIN B SUPPLY RELIEF	RCBX	692	-RHS PLATFO -712 2-RCBX-692 -RHS PL		PRA	1	No	D. RCS Heat Removal	0. Other	RHR	Yes	Dry	Warm	Yes				
2RHS-TRS-MOV701B	2RHS-MOV701B TRANSFER SWITCH PANEL	MSCV	735			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	RHR	Yes	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RHS-TRS-MOV702A	TRANSFER SWITCH FOR 2RHS-MOV702A	MSCV	735			Fire Panels	1	No	D. RCS Heat Removal	20. Instrument and Control Panels	RHR	Yes	Dry	Cool	Yes				
2RPS-AUX-A	REACTOR PROTECTION SYSTEM PANEL.	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2RPS-AUX-B	REACTOR PROTECTION SYSTEM PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2RSS-29	RECIRC PUMP P21A DISCHARGE	RCBX	738			IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2RSS-30	RECIRC PUMP P21B DISCHARGE	RCBX	738			IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2RSS-31	RECIRC PUMP P21C DISCHARGE	RCBX	738			IPEEE	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2RSS-32	RECIRC PUMP P21D DISCHARGE	RCBX	738			IPEEE	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RSS-7	RECIRC PUMP P21C SUCTION	SFGB	741	C CUB		IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2RSS-8	RECIRC PUMP P21D SUCTION	SFGB	741	D CUB		IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	QS	No	Dry	Warm	Yes				
2RSS-FT157C	RECIRC SPRAY PUMP 2RSS-P21C	SFGB	718			IPEEE & PRA	1	No	Containment	18. Instrument on Rack	QS	No	Dry	Warm	Yes				
2RSS-FT157D	RECIRC SPRAY PUMP 2RSS-P21D	SFGB	718			IPEEE & PRA	1	No	Containment	18. Instrument on Rack	QS	No	Dry	Warm	Yes				
2RSS-MOV154C	P21C RECIRCULATION VLV - C/S	SFGB	741	-C CUB - 747 AT LDR, S CUB		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV154D	P21D RECIRCULATION VLV - C/S	SFGB	741	-D CUB - 747 AT LDR, N CUB		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV155A	RECIRC SPRAY PUMP "A" SUCTION - C	SFGB	718	- -687 DEEP PIT		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV155B	RECIRC SPRAY PUMP VALVE OPER	SFGB	718	- -687 DEEP PIT		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RSS-MOV155C	RECIRC SPRAY PUMP "C" SUCTION - C	SFGB	718	- -687 DEEP PIT		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV155D	RECIRC SPRAY PUMP "D" SUCTION - C	SFGB	718	- -687 DEEP PIT		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV156A	RECIRCULATION SPRAY PUMP DISCH -C	SFGB	718	-A CUB -A CUB-735		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV156B	RECIRCULATION SPRAY PUMP DISCH -C	SFGB	741	-B CUB -B CUB-735		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV156C	RECIRCULATION SPRAY PUMP DISCH -C	SFGB	718	-C CUB -C CUB-735		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RSS-MOV156D	RECIRCULATION SPRAY PUMP DISCH -C	SFGB	718	-D CUB -D CUB-735		IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2RSS-P21A	RECIRC SPRAY P21A 2-STAGE PUMP	SFGB	741	FIG 3.8-3/S		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2RSS-P21B	RECIRC SPRAY P21B 2-STAGE PUMP	SFGB	741	FIG 3.8-3/N		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2RSS-P21C	RECIRC SPRAY P21C 2-STAGE PUMP	SFGB	741	FIG 3.8-3/S		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2RSS-P21D	RECIRC SPRAY P21D 2-STAGE PUMP	SFGB	741	FIG 3.8-3/N		IPEEE & PRA	1	No	Containment	5. Horizontal Pumps	QS	No	Dry	Warm	Yes				
2RSS-SSC101	RECIRC. SPRAY PUMPS CONTAINMENT	RCBX	692			IPEEE & PRA	1	No	Containment	0. Other	QS	No	Dry	Warm	Yes				
2RSS-TI150A	CONTAINMENT SUMP TEMPERATURE INDICATOR	CNTB			Screens 1,2,3,4a,4b, 4c	Other	1	No	D. RCS Heat Removal	19. Temperature Sensors	LHSI	No	Wet	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-1	LHSI PUMP (SIS*P21A) INLET	SFGB	718		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-107	LOW HEAD SI CHECK TO LOOP	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-108	LOW HEAD SI CHECK TO LOOP	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-109	LOW HEAD SI CHECK TO LOOP	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-132	LHSI PUMP 21B DISCH CHECK TO	RCBX	738	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-133	LHSI PUMP 21A DISCH CHECK TO	RCBX	738	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-134	HIGH HEAD SI CHECK TO LOOP 21B COLD LEG	RCBX	718	-ANNULUS -719 COL 8/9		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-135	HIGH HEAD SI CHECK TO LOOP 21C COLD LEG	RCBX	718	-ANNULUS -721 COL 4 2-RCBX-718 -		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-136	HIGH HEAD SI CHECK TO LOOP 21A COLD LEG	RCBX	718	-ANNULUS -720 COL 15 2-RCBX-718		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-137	HHSI CHECK TO LOOP 2C COLD	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-138	HHSI CHECK TO LOOP 2B COLD	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-139	HHSI CHECK TO LOOP 2A COLD	RCBX	718	ANNULUS		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-141	SI ACCUM TANK 21C CHECK	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-142	LOOP 2C SI ACCUMULAT OR TANK	RCBX	692			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-145	SI ACCUM TANK 21B CHECK	RCBX	738	B RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-147	LOOP 2B SI ACCUM TK 2B CHECK	RCBX	692			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-148	LOOP 2A SI ACCUMULAT OR TANK	RCBX	692			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-151	SI ACCUM TANK 21A CHECK	RCBX	738	A RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-2	LHSI PUMP (SIS*P21B) INLET	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-27	CHECK VALVE TO HHSI PUMPS	AXLB	710			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes			3.21E+01	3.14E-03
2SIS-3	LHSI PUMP (SIS*P21A) OUTLET	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-4	LHSI PUMP (SIS*P21B)	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-46	RECIRC PUMP DISCHARGE LINE	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-47	RECIRC PUMP DISCHARGE LINE	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-548	SI CHECK TO LOOP 2A COLD LEG	RCBX	718	A RCP PUMP CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes			1.81E+01	7.18E-04
2SIS-550	SI CHECK TO LOOP 2B COLD LEG	RCBX	738			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes			1.81E+01	7.18E-04
2SIS-552	SI CHECK TO LOOP 2C COLD	RCBX	738	C RCP MOTOR CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes			1.81E+01	7.18E-04
2SIS-6	LHSI PUMP (A) DISCHARGE	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-67	HHSI PUMP THROTTLE TO LOOP 21C COLD LEG	RCBX	718	-ANNULUS -ANNULUS-720 COL 4	Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-68	HHSI PUMP THROTTLE TO LOOP 21B COLD LEG	RCBX	718	-ANNULUS -720 COL 8/9		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-69	HHSI PUMP THROTTLE TO LOOP 21A COLD LEG	RCBX	718	-ANNULUS -ANNULUS-720 COL 16		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-7	LHSI PUMP (B) DISCHARGE	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-894	LHSI PUMP (2SIS*P2A) MIN	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-895	LHSI PUMP (2SIS*P2B) MIN	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-94	HHSI LINE CHECK VALVE TO	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				
2SIS-95	HHSI LINE CHECK VALVE TO	RCBX	718	PEN		IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-97	HHSI THROTTLE VALVE TO LOOP 21A COLD LEG	RCBX	718	-ANNULUS -720 COL 16 2-RCBX-718		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-98	HHSI THROTTLE VALVE TO LOOP 21C COLD LEG	RCBX	718	-ANNULUS -719 COL 4 2-RCBX-718 -		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-99	HHSI THROTTLE VALVE TO LOOP 21B COLD LEG	RCBX	718	-ANNULUS -721 COL 8/9		PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-FE970A	FLOW ELEMENT CONTROL MOV 8890A	SFGB				IPEEE	1	No	C. RCS Inventory Control	0c. Other Sub-component	HHSI	No	Dry	Warm	Yes				
2SIS-FE970B	FLOW ELEMENT CONTROL MOV 8890B	SFGB	2	SFGB--- 2-SFGB-		IPEEE	1	No	C. RCS Inventory Control	0c. Other Sub-component	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-FIS970A	FLOW INDICATING SWITCH LH SI	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0c. Other Sub-component	LHSI	No	Dry	Warm	Yes				
2SIS-FIS970B	FLOW INDICATING SWITCH LH SI	SFGB	718			IPEEE & PRA	1	No	C. RCS Inventory Control	0c. Other Sub-component	LHSI	No	Dry	Warm	Yes				
2SIS-MOV836	HIGH HEAD TO COLD LEG INJECTION ISOLAT	MSCV	718	-PEN A - PEN A-718 2-MSCV-718 -		PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV840	HHSI TO COLD LEG INJECT ISOL	MSCV	712	-PEN A - PEN A-718 2-MSCV-712 -		IPEEE	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV841	HHSI TO COLD LEG ISOLATION	AXLB	710	-BIT CUB - 2-AXLB-710-BIT CUB		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV863A	LHSI MOV ISO TO HHSI	SFGB	718-728	--728 2-SFGB-718--728	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV863B	TRAIN B MOV ISO TO HHSI	SFGB	718-728	--728 NORTH HAIR PIN		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-MOV865A	TANK 21A OUTLET ISO	RCBX	692-694	--694 COL 15 2-RCBX-692 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV865B	TANK 21B OUTLET ISO	RCBX	692-694	--694 BTWN BEAMS 9&10 @ CRNWALL		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV865C	TANK 21C OUTLET ISO	RCBX	692-694	--694 2-RCBX-692--694		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV867A	HHSI ISOL TO COLD LEG INJECTION	AXLB	710	-BIT CUB -	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV867B	HHSI ISOL TO COLD LEG INJECTION	AXLB	710	-BIT CUB - 712		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV867C	HHSI PUMPS TO COLD LEG INJECT ISO	MSCV	718	-PEN A - 720		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV867D	HHSI PUMPS TO COLD LEG INJECT ISO	MSCV	718	-PEN A - 720		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV8809A	LHSI PUMP INLET ISO TRAIN A	SFGB	718	--SOUTH 2-SFGB-718--SOUTH		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-MOV8809B	LHSI PUMP INLET ISO TRAIN B	SFGB	718	--NORTH; ALONG WALL		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV8811A	RECIRC. ISO VLV'S	SFGB	718-728	--728 2-SFGB-718--728	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSIHSI	No	Dry	Warm	Yes				
2SIS-MOV8811B	RECIRC. ISO VLV'S	SFGB	718-728	--728 NORTH HAIR PIN		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSIHLI	No	Dry	Warm	Yes				
2SIS-MOV8888A	LHSI P21A ISO TO COLD LEG	SFGB	737	-C CUB -C CUB-734 2-SFGB-737 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV8888B	LHSI P21B ISO TO COLD LEG	SFGB	737	-D CUB -D CUB-734 2-SFGB-737 -		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV8890A	LHSI PUMP 21A MINI FLOW RECIRC VL	SFGB	718	--SOUTH 2-SFGB-71		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV8890B	LHSI PUMP 21B MINI FLOW RECIRC VL	SFGB	718	--NORTH 2-SFGB-718--NORTH		IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-P21A	LOW HEAD SAFETY INJ PUMP P21A	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	LHSI	No	Dry	Warm	Yes				
2SIS-P21B	LOW HEAD SAFETY INJ PUMP 21B	SFGB	718	FIG 3.8-3/N		IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	LHSI	No	Dry	Warm	Yes				
2SIS-RV858A	ACCUMULATOR (2SIS*TK21A) RELIEF	RCBX	692-706	--706 A ACC 2-RCBX-692 -		PRA	1	No	C. RCS Inventory Control	0. Other	HHSI	No	Dry	Warm	Yes				
2SIS-RV858B	ACCUMULATOR (2SIS*TK21B) RELIEF	RCBX	692-703	--703 B ACC 2-RCBX-692 -		PRA	1	No	C. RCS Inventory Control	0. Other	HHSI	No	Dry	Warm	Yes				
2SIS-RV858C	ACCUMULATOR (2SIS*TK21C) RELIEF	RCBX	692-703	--703 C ACC 2-RCBX-692 -		PRA	1	No	C. RCS Inventory Control	0. Other	HHSI	No	Dry	Warm	Yes				
2SIS-TK21A	SAFETY INJ ACCUMU LOOP 21	RCBX	692	FIG 3.8-4		IPEEE & PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	HHSI	No	Dry	Warm	Yes				
2SIS-TK21B	SAFETY INJ ACCUMU LOOP 22	RCBX	692	FIG 3.8-4		IPEEE & PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	HHSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SIS-TK21C	SAFETY INJ ACCUMU LOOP 23	RCBX	692	FIG 3.8-4		IPEEE & PRA	1	No	C. RCS Inventory Control	21. Tanks & Heat Exchangers	HHSI	No	Dry	Warm	Yes				
2SVS-23	(2SVS*PCV10 1A) ISOL	MSCV	773	MN STM VLV RM -796		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-24	(2SVS*PCV10 1B) ISOL	MSCV	773	MN STM VLV RM -796		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-25	(2SVS*PCV10 1C) ISOL	MSCV	773	MN STM VLV RM -796		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-27	(2RCS*SG21A) MN STEAM RESIDUAL HEAT RE	MSCV	773	MN STM VLV RM -786		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-28	(2RCS*SG21B) MN STM RESIDUAL HEAT RELE	MSCV	773	MN STM VLV RM -786		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-29	(2RCS*SG21C) MN STM RESIDUAL HEAT RELE	MSCV	773	MN STM VLV RM -778		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SVS-4	(2SVS*HCV104) ISOL	MSCV	773	MN STM VLV RM -777 BLW A MSL		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-80	(2RCS*SG21A) MN STM RESIDUAL HEAT RELE	MSCV	773	MN STM VLV RM-786		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-81	(2RCS*SG21B) MN STM RESIDUAL HEAT RELE	MSCV	773	MN STM VLV RM-786		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-82	(2RCS*SG21C) MN STM RESIDUAL HEAT RELE	MSCV	773	MN STM VLV RM-786		PRA	1	No	B. RCS Pressure Control	0d. Other - check valve or manual valve	MSI	No	Dry	Warm	Yes				
2SVS-HCV104	RESIDUAL HEAT RELEASE VALVE	MSCV	773	MN STM VLV RM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	B. RCS Pressure Control	7. Pneumatic Operated Valve Damper	MSI	No	Damp	Hot	Yes				
2SVS-PCV101A	ATMOS STEAM DUMP VALVE MOTOR	MSCV	773	MN STM VLV RM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	B. RCS Pressure Control	0. Other	MSI	No	Damp	Hot	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SVS-PCV101B	ATMOS STEAM DUMP VALVE MOTOR	MSCV	773	MN STM VLV RM		IPEEE & PRA	1	No	B. RCS Pressure Control	0. Other	MSI	No	Damp	Warm	Yes				
2SVS-PCV101C	ATMOS STEAM DUMP VALVE MOTOR	MSCV	773	MN STM VLV RM		IPEEE & PRA	1	No	B. RCS Pressure Control	0. Other	MSI	No	Damp	Warm	Yes				
2SVS-PNL101A	CONTROL PANEL FOR 2SVS*PCV101A	CNTB				Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2SVS-PNL101B	CONTROL PANEL FOR 2SVS*PCV101B	CNTB				Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2SVS-PNL101C	CONTROL PANEL FOR 2SVS*PCV101C	CNTB				Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
2SVS-PNL103	CONTROL PANEL FOR 2SVS-HCV104	SRVB	730			Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWE-MOV116A	AUX INTAKE TIE-IN "A" HEADER - C/	VLVP	718	A CUB - NORTH VALVE PIT		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWE-MOV116B	AUX INTAKE TIE-IN "B" HEADER - C/	VLVP	718	B CUB - NORTH VALVE PIT		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-106	SW SUPPLY A HDR CHECK	VLVP	718	A CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			7.76E+00	6.72E-04
2SWS-107	SW SUPPLY B HDR CHECK	VLVP	718	B CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			7.55E+00	6.87E-04
2SWS-111	DG HX (2EGS*E21A (E22A)) SUPPLY HDR CH	DGBX	732	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.31E+00	6.37E-05
2SWS-112	DG HX (2EGS*E21B (E22B)) SUPPLY HDR C	DGBX	732	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.71E+00	8.13E-05

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-114	DIESEL GEN HX (2EG*E21A E22A) OUTLET ISO	DGBX	732	2-1 DG -		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.46E+00	2.25E-07
2SWS-1147	(2SWS*P21A) BEARING COOLING WTR. IN.	INTS	705	D CUB - 706 E OF PP		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.88E+00	1.26E-06
2SWS-1148	(2SWS*P21B) BEARING COOLING WTR. IN.	INTS	705	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.81E+00	1.16E-06
2SWS-1149	(2SWS*P21C) BEARING COOLING WTR IN.	INTS	705	B CUB - 709 W OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-115	DIESEL GEN HX (2EGS*E21B E22B) OUTLET I	DGBX	732	2-2 DG -		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes			2.87E+00	2.87E-07
2SWS-1212	CHG PUMP CLRS A TRAIN SWS INLET ISOL	AXLB	718-728	-7282-AXLB- 718-728 EAST END CCP HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-1213	CHG PUMP CLRS B TRAIN SWS INLET ISOL	AXLB	718-728	-7282-AXLB-718-728 EAST END CCP HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-1214	CHG PUMP CLRS A TRAIN SWS OUTLET ISOL	AXLB	718-722	-722 E OF HX A		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-1215	CHG PUMP CLRS B TRAIN SWS OUTLET ISOL	AXLB	718-722	-722 E OVRHD728 E END CCP HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-160	CHARGING PUMP (2CHS*E25A) SUPPLY A HDR I	AXLB	735	-OUTSIDE CUB 2CHS-P21A		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-162	CHARGING PUMP (2CHS*E25C) SUPPLY A HDR I	AXLB	735	-OUTSIDE CUB 2CHS-P21C		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-164	CHARGING PUMP (2CHS*E25B) SUPPLY B HDR	AXLB	735	-OUTSIDE CUB 2CHS-P21B		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-165	CHARGING PUMP (2CHS*E25C) SUPPLY B HDR	AXLB	735	-OUTSIDE CUB 2CHS-P21C		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-172	CHARGING PUMP (2CHS*E25A) OUTLET TO `A	AXLB	735	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-174	CHARGING PUMP (2CHS*E25C) OUTLET TO `A	AXLB	735	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-182	CHARGING PUMP (2CHS*E25B) OUTLET TO `B	AXLB	735	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-183	CCP HX`S (2CCP*E21A& C) SW SUPPLY HDR CRO	AXLB	710	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-184	CCP HX`S (2CCP*E21B& C) SW SUPPLY HDR C	AXLB	710-717	-717 W END		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-185	CCP HX (2CCP*E21A) INLET ISOL	AXLB	710	-W OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-186	CCP HX (2CCP*E21B) INLET ISOL	AXLB	710	-W END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-187	CCP HX (2CCP*E21C) INLET ISOL	AXLB	710	-W END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-188	CCP HX (2CCP*E21A) OUTLET ISOL (NORMAL	AXLB	718-724	-724		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-189	CCP HX (2CCP*E21B) OUTLET ISOL (NORMAL	AXLB	718-724	-724 E END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-190	CCP HX (2CCP*E21C) OUTLET ISOL (NORMAL	AXLB	718-724	-724 E END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-191	CCP HX (2CCP*E21C) OUTLET TO `A` DISCH H	AXLB	710-725	-725 EAST		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-192	CCP HX (2CCP*E21C) OUTLET TO `B` DISCH H	AXLB	710-725	-725 EAST		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-24	PRI COMPONENT COOLING HX (2CCP*E21A) E	AXLB	710-718	-718		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-25	PRI COMPONENT COOLING HX (2CCP*E21B) E	AXLB	710	-E END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-26	PRI COMPONENT COOLING HX (2CCP*E21C) E	AXLB	710	-E END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-27	(2CCP*E21C) EMERG DISCH TO A HDR	AXLB	710	-		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-28	(2CCP*E21C) EMERG DISCH TO B HDR	AXLB	710	-E END OF HX		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-339	CHARGING PUMP (2CHS*E25C) OUTLET TO `B	AXLB	735	-		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-40	PRI COMPONENT COOLING HX`S NORMAL OUTL	AXLB	710	-ABOVE 2DAS-P203A1		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-41	PRI COMPONENT COOLING HX`S NORMAL OUTL	AXLB	710	-ABOVE 2DAS-P203A1		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-481	REMOVED PER ECP 02-0006 - SW PP 21A VA	INTS	705	D CUB - 708 E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-482	VALVE REMOVED PER ECP 02-0006-02 [SW P	INTS	705	C CUB - 708 E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-483	REMOVED PER ECP 02-0006-ID-03 - SW PP	INTS	705	B CUB - 708 E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-486	SW PP 21A VACUUM BKR CHECK	INTS	705	D CUB -E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-487	SW PP 21B VACUUM BKR CHECK	INTS	705	C CUB - 708 E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-488	SW PP 21C VACUUM BKR CHECK	INTS	705	B CUB - 708 E OF HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-57	SW PP (2SWS*P21A) DISCH	INTS	705	D CUB	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes			2.88E+00	4.29E-06
2SWS-58	SW PP (2SWS*P21B) DISCH	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes			2.81E+00	4.07E-06
2SWS-59	SW PP (2SWS*P21C) DISCH	INTS	705	B CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-78	SW PP SEAL WTR SUPPLY ISOL	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-79	SW PP SEAL WTR SUPPLY ISOL	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-80A	SW PP SEAL WTR STRAINER	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-80B	SW PP SEAL WTR STRAINER	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-84A	SW PP SEAL WTR STRAINER	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-84B	SW PP SEAL WTR STRAINER	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-92	SEAL WATER SUPPLY TO SW PP	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes			2.88E+00	1.26E-06
2SWS-93	SEAL WATER SUPPLY TO SW PP	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes			2.81E+00	1.16E-06
2SWS-94	SEAL WATER SUPPLY TO SW PP (2SWS-P21C) I	INTS	705	B CUB - 707 E HDR		PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Dry	Warm	Yes				
2SWS-AOV118A	CLARIFIED WTR TO SEAL WTR	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	SWS	No	Humid/Dry	Cool	Yes				
2SWS-AOV118B	CLARIFIED WTR TO SEAL WTR	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	SWS	No	Humid/Dry	Cool	Yes				
2SWS-AOV130A	SW SUPPLY TO STRAINER (2SWS-STRM47)	INTS	705	D CUB - 707 N WALL W OF STRM		PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-AOV130B	SW SUPPLY TO STRAINER (2SWS-STRM48)	INTS	705	C CUB - 707 W WALL S OF STRM		PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	SWS	No	Dry	Warm	Yes				
2SWS-CSMOV120A	2SWS*CSMOV120A	VLVP				Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2SWS-CSMOV120B	2SWS*CSMOV120B	VLVP				Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2SWS-CSSTRM47	2SWS*CSSTRM47	INTS	705			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Humid/Dry	Cool	Yes				
2SWS-CSSTRM48	2SWS*CSSTRM48	INTS	705			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Humid/Dry	Cool	Yes				
2SWS-EJM221A	SWS PUMPS DISCHARGE EXPANSION	INTS	705		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes			7.76E+00	5.51E-07
2SWS-EJM221B	SWS PUMPS DISCHRGE TO RM47B	INTS	705			IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes			7.55E+00	5.10E-07
2SWS-EJM222A	2SWS-P21A DISCHRGE HEADER	INTS	705			IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes			2.88E+00	1.51E-07

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-EJM222B	2SWS-P21B DISCHRGE HEADER	INTS	705			IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes			2.81E+00	1.39E-07
2SWS-EJM222C	2SWS-P21C DISCHRGE HEADER EXPANSION JOIN	INTS	705	-		PRA	1	No	4. SW&CCW	0. Other	SWS	No	Dry	Warm	Yes				
2SWS-EJM237A	SWS INLET HDR EJ	VLVP	--			PRA	1	No	4. SW&CCW	0. Other	SWS	No	Dry	Warm	Yes			2.50E+02	1.96E-05
2SWS-EJM237B	SWS INLET HDR EJ	VLVP	--			PRA	1	No	4. SW&CCW	0. Other	SWS	No	Dry	Warm	Yes			2.46E+02	2.02E-05
2SWS-MOV102A	P21A DISCHARGE TO "A" - C/S	INTS	705	D CUB		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Humid/Dry	Cool	Yes			2.88E+00	4.45E-05
2SWS-MOV102B	P21B DISCHARGE TO "B" - C/S	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Humid/Dry	Cool	Yes			2.81E+00	4.30E-05
2SWS-MOV102C1	21C SERVICE WATER PUMP HEADER A DISCH	INTS	705	B CUB - 718 SE		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-MOV102C2	21C SERVICE WATER PUMP HEADER B DISCH	INTS	705	B CUB - 718 EAST		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV103A	ISOLATION SUPPLY TO RSS HX "A"-C/	VLVP	718	A CUB -		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.46E+02	2.85E-03
2SWS-MOV103B	ISOL SUPPLY TO RSS HX "B" HDR C/S	VLVP	718	B CUB -		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.50E+02	3.50E-03
2SWS-MOV104A	INLET ISOLATION TO E21A RSS HX-C/	SFGB	718-722	-722 S HAIRPIN SW CORNER	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV104B	INLET ISOLATION TO E21B RSS HX-C/	SFGB	718-722	-722 N HAIRPIN NW CORNER		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV104C	INLET ISOLATION TO E21C RSS HX-C/	SFGB	718-722	-722 S HAIRPIN WEST WALL		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-MOV104D	INLET ISOLATION TO E21D RSS HX-C/	SFGB	718-722	-722 N HAIRPIN SW CORNER		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV105A	OUTLET ISOLATION TO E21A RSS HX-C	SFGB	741	A CUB - 755		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV105B	OUTLET ISOLATION TO E21B RSS HX-C	SFGB	741	B CUB - 755		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV105C	OUTLET ISOLATION TO E21C RSS HX-C	SFGB	741	C CUB - 755		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV105D	OUTLET ISOLATION TO E21D RSS HX-C	SFGB	741	D CUB - 755		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV106A	SUPPLY TO CCR HX "A" HEADER - C/S	VLVP	718	A CUB -	Screens 1,2,3,4a,4b, 4c,4d,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes	ECP 08-0504-025 Replace stem/Spline Key		2.46E+02	2.85E-03
2SWS-MOV106B	SUPPLY TO CCR HX "B" HEADER - C/S	VLVP	718	B CUB -		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.50E+02	3.50E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-MOV107A	B/U CCT HX ISOLATION FROM "B"-C/S	AXLB	718-723	-723		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV107B	CCT HX ISOLATION FROM "B"-C/S	AXLB	718-723	-723723 2-AXLB-710--723		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV107C	B/U CCT HX ISOLATION FROM "A"-C/S	AXLB	718-723	-723		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV107D	CCT HX ISOLATION FROM "A"-C/S	AXLB	718-723	-723723 2-AXLB-710-723 UP LADDER		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV113A	DG HX E21/22 INLET ISOLATION C/S	DGBX	732	2-1 DG -	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.46E+00	3.53E-03
2SWS-MOV113D	DG HX E21B/22B INLET ISOLATION C/	DGBX	732	2-2 DG -		IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.87E+00	4.51E-03
2SWS-MOV120A	ROD CONTROL AREA & CR AC SERV WTR HDR A	VLVP	718	A CUB -		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			3.00E+00	4.45E-06

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-MOV120B	ROD CONTROL AREA & CR AC SERV WTR HDR B	VLVP	718	B CUB -		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			3.47E+00	5.50E-06
2SWS-MOV170A	SERVICE WTR TO SEAL WTR HEADER ISOL VL	INTS	705	D CUB - 706		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-MOV170B	SERVICE WTR TO SEAL WTR HEADER ISOL VL	INTS	705	C CUB - 706 WEST OF HDR		PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				
2SWS-P21A	SERVICE WATER PUMP 21A	INTS	705	D CUB	Screens 1,2,3,4a,4b, 4c,4d,4f	IPEEE & PRA	1	No	4. SW&CCW	6. Vertical Pumps	SWS	No	Humid/Dry	Cool	Yes	ECP 07-0259-003 Motor Adaptor Plate Mod		3.06E+00	1.04E-03
2SWS-P21B	SERVICE WATER PUMP 21B	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	6. Vertical Pumps	SWS	No	Humid/Dry	Cool	Yes			2.98E+00	9.69E-04
2SWS-P21C	SERVICE WATER PUMP 21C	INTS	705	B CUB		IPEEE & PRA	1	No	4. SW&CCW	6. Vertical Pumps	SWS	No	Humid/Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-PCV118	UNIT 1 SUPPLY TO SERVICE WATER PUMP SE	INTS	705	C CUB-708 W WALL AT STR	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	7. Pneumatic Operated Valve Damper	SWS	No	Humid/Dry	Cool	Yes				
2SWS-PT113A	PRESSURE TRANSMITTER	VLVP	718		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Dry	Warm	Yes				
2SWS-PT113B	PRESSURE TRANSMITTER	VLVP	718			IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Dry	Warm	Yes				
2SWS-PT117A	PRESSURE TRANSMITTER	INTS	705		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Humid/Dry	Cool	Yes				
2SWS-PT117B	PRESSURE TRANSMITTER	INTS	705			IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Humid/Dry	Cool	Yes				
2SWS-RQI100A	RECIRC SPRAY HEAT EXCH 21A SERVICE WAT	DGBX	759			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-RQI100B	RECIRC SPRAY HEAT EXCH 21B SERVICE WAT	DGBX	759			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2SWS-RQI100C	RECIRC SPRAY HEAT EXCH 21C SERVICE WAT	DGBX	759			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2SWS-RQI100D	RECIRC SPRAY HEAT EXCH 21D SERVICE WAT	DGBX	759			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2SWS-SOV130A	SW SUPPLY TO STRAINER	INTS	705	D CUB		IPEEE	1	No	4. SW&CCW	8b. Solenoid Operated Valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-SOV130B	SW SUPPLY TO STRAINER	INTS	705	C CUB		IPEEE	1	No	4. SW&CCW	8b. Solenoid Operated Valve	SWS	No	Humid/Dry	Cool	Yes				
2SWS-STRM47	SERVICE WTR PUMPS 2SWS-P21A,B,C	INTS	705			IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2SWS-STRM48	SERVICE WTR PUMPS 2SWS-P21A,B,C	INTS	705	C CUB		IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes				
2SWS-TRS-P21C	2SWS-P21C PUMP MANUAL TRANSFER SWITCH PA	SRVB	730			Fire Panels	1	No	4. SW&CCW	20. Instrument and Control Panels	SWS	No	Dry	Cool	Yes				
2VERTBD-A	MAIN CONTROL BOARD VERTICAL SECTION A	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
2VERTBD-B	MAIN CONTROL BOARD VERTICAL SECTION B	CNTB	735			Fire Panels	10	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes	2			
2VERTBD-C	MAIN CONTROL BOARD VERTICAL SECTION C	CNTB	735			Fire Panels	11	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes	2			

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2VRS-AOV109A1	CONTAINMENT ISO CIA PENETR #48	MSCV	722	-PEN B - PEN B-725 X-48		IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	Yes	Dry	Warm	Yes				
2VRS-AOV109A2	CONTAINMENT ISO CIA PENETR #48	RCBX	718	-PEN -X-48 COL 10		IPEEE & PRA	1	No	Containment	7. Pneumatic Operated Valve Damper	CIS	Yes	Dry	Warm	Yes				
480VUS-2-8	480V SUBSTATION 2-8 EMERG BUS 2N	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes			3.18E+02	1.72E-02
480VUS-2-8-3B	480V BKR FOR TRANS 2-8N	SRVB	730	-2 AE SWITCHGEAR ROOM		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.18E+02	6.07E-03
480VUS-2-8-4C	480V BREAKER FOR MCC 2-E03	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
480VUS-2-8-5B	480V BKR FOR MCC-2-E05	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				
480VUS-2-8-5C	480V BREAKER FOR MCC-2-E07	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.80E+00	1.22E-02
480VUS-2-8-6C	480V BKR FOR MCC-2-E11	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.80E+00	1.22E-02
480VUS-2-8-6D	480V BKR FOR MCC 2-E13	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
480VUS-2-8N1	2-8N AUXILIARY RELAY SECTION	SRVB	730			IPEEE	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes				
480VUS-2-8N2	2-8N P.T. CONTROL RELAY SECTION	SRVB	730			IPEEE	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes				
480VUS-2-9	480V SUBSTATION 2-9 BUS 2P	SRVB	730	FIG 3.8-44/E	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes			3.49E+02	1.81E-02
480VUS-2-9-3B	480V BKR FOR TRANS 2-9P	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.49E+02	6.59E-03
480VUS-2-9-4C	480V BKR FOR MCC-2-E04	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
480VUS-2-9-5B	480V BKR FOR MCC-2-E06	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				
480VUS-2-9-5C	480V BKR FOR MCC-2-E08	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.88E+00	1.26E-02
480VUS-2-9-6C	480V BKR FOR MCC-2-E12	SRVB	730	-		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes			3.88E+00	1.26E-02
480VUS-2-9-6D	480V BKR FOR MCC-2-E14	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	1. AC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
480VUS-2-9P1	2-9P AUXILIARY RELAY SECTION	SRVB	730			IPEEE	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes				
480VUS-2-9P2	2-9P P.T. CONTROL RELAY SECTION	SRVB	730			IPEEE	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes				
4KVS-2AE	4160V EMERGENCY BUS	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4e,4f	IPEEE & PRA	1	No	1. AC Power	3. Medium Voltage Switchgear	4kv	No	Dry	Warm	Yes		4160V Fast Transfer	3.18E+02	1.72E-02
4KVS-2AE-2E10	4160 VOLT BREAKER FOR DIESEL	SRVB	730	2AE EMER SWGR -		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			2.31E+00	6.37E-03
4KVS-2AE-2E11	4160 VOLT BREAKER FOR EMERGENCY	SRVB	730	2 AE SWITCHGEAR ROOM		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			3.18E+02	6.07E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
4KVS-2AE-2E7	INCOMING 416OV SUPPLY FROM BUS	SRVB	730	EMER SWITCHGEAR -		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			3.91E+00	2.34E-03
4KVS-2D10	4160 VOLT BREAKER FOR 4160V	SRVB	760	NORMAL SWITCHGEAR		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			4.36E+00	8.34E-05
4KVS-2DF	4160V EMERGENCY BUS	SRVB	730	FIG 3.8-44/E	Screens 1,2,3,4a,4b, 4c,4e,4f	IPEEE & PRA	1	No	1. AC Power	3. Medium Voltage Switchgear	4kv	No	Dry	Warm	Yes		4160V Fast Transfer	3.49E+02	1.81E-02
4KVS-2DF-2F10	4160 VOLT BREAKER FOR DIESEL GEN	SRVB	730	SWGR		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			2.71E+00	8.13E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
4KVS-2DF-2F11	4160 VOLT BREAKER FOR TRANS 2-9P	SRVB	730	EMER SWITCHGEAR -		IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			3.49E+02	6.59E-03
4KVS-2DF-2F7	416OV SUPPLY BKR FROM BUS 2D	SRVB	730			IPEEE & PRA	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes			4.36E+00	2.58E-03
52_BYA	UNIT 2 - REACTOR TRIP BYPASS BREAKER A	MSCV	755	-CV & RC AREA -REAC-2T- SWGR	Screens 1,2,3,4a,4b, 4c,4e	PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes		Rx Trip Breaker Failure		
52_BYB	UNIT 2 - REACTOR TRIP BYPASS BREAKER B	MSCV	755	-CV & RC AREA -REAC-2T- SWGR		PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
52_RTA	UNIT 2 - REACTOR TRIP BREAKER A	MSCV	755	-CV & RC AREA -REAC-2T- SWGR	Screens 1,2,3,4a,4b, 4c,4e	PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes		Rx Trip Breaker Failure		
52_RTB	UNIT 2 - REACTOR TRIP BREAKER B	MSCV	755	-CV & RC AREA -REAC-2T- SWGR		PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes				
ACB-142A	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
ACB-142C	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
ACB-242B	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
ACB-242D	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
ACB-342B	4KV BREAKER FOR INCOMING SUPPLY	SRVB	760	-CUB 2KVS-2D7		IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
ACB-342D	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
ACB-42A	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
ACB-42C	4KV BREAKER FOR INCOMING SUPPLY	SRVB	730			IPEEE	1	No	1. AC Power	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	No	Dry	Warm	Yes				
BAT-2-1	CONTROL STORAGE BATTERY	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	2. DC Power	15. Battery Racks	125V	No	Dry	Warm	Yes			8.08E+00	3.07E-03
BAT-2-2	CONTROL STORAGE BATTERY	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	2. DC Power	15. Battery Racks	125V	No	Dry	Warm	Yes			9.47E+00	3.67E-03
BAT-2-3	CONTROL STORAGE BATTERY	SRVB	730	FIG 3.8-44/W		IPEEE & PRA	1	No	2. DC Power	15. Battery Racks	125V	No	Dry	Warm	Yes				
BAT-2-4	CONTROL STORAGE BATTERY	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	2. DC Power	15. Battery Racks	125V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
BAT-BKR2-1	125 VDC BATTERY BREAKER	SRVB	730	FIG 3.8-44/W		IPEEE & PRA	1	No	2. DC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	No	Dry	Warm	Yes			5.53E+00	4.20E-06
BAT-BKR2-1-SWGR	125 VDC BATTERY BREAKER SWITCHGEAR	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	No	Dry	Warm	Yes			4.08E+01	8.36E-04
BAT-BKR2-1-SWGR-SW1	SAFETY SWITCH (BAT-BKR2-1-SWGR-SW1)	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	0c. Other Sub-component	125V	No	Dry	Warm	Yes				
BAT-BKR2-2	125 VDC BATTERY BREAKER	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	2. DC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	No	Dry	Warm	Yes			6.36E+00	5.04E-06

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
BAT-BKR2-2-SWGR	125 VDC BATTERY BREAKER SWITCHGEAR	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	No	Dry	Warm	Yes			7.24E+01	3.65E-03
BAT-BKR2-2-SWGR-SW1	SAFETY SWITCH (BAT-BKR2-2-SWGR-SW1)	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	0c. Other Sub-component	125V	No	Dry	Warm	Yes				
BAT-BKR2-3	BAT*2-3 OUTPUT ISOLATION	SRVB	730	EMER SWITCHGEAR -		IPEEE & PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes				
BAT-BKR2-3-SWGR	125 VDC BATTERY BREAKER SWITCHGEAR	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	No	Dry	Warm	Yes				
BAT-BKR2-3-SWGR-SW1	SAFETY SWTICH (BAT-BKR2-3-SWGR-SW1)	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	0c. Other Sub-component	125V	No	Dry	Warm	Yes				
BAT-BKR2-4	BAT*2-4 OUTPUT ISOLATION	SRVB	730	-DF SWGR ROOM		IPEEE & PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
BAT-BKR2-4-SWGR	125 VDC BATTERY BREAKER SWITCHGEAR	SRVB	730	EMER SWITCHGEAR -		PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes				
BAT-BKR2-4-SWGR-SW1	SAFETY SWTICH (BAT-BKR2-4-SWGR-SW1)	SRVB	730	EMER SWITCHGEAR-		PRA	1	No	2. DC Power	0c. Other Sub-component	125V	No	Dry	Warm	Yes				
BAT-CHG2-1	125 VOLT DC BATTERY CHARGER 2-1	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes	ECP 05-009-001 Replaced Battery Charger			
BAT-CHG2-2	125 VOLT DC BATTERY CHARGER 2-2	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes				
BAT-CHG2-3	BATTERY CHARGER NO. 3	SRVB	730	-- - EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes	ECP 05-009-003 Replaced Battery Charger			
BAT-CHG2-4	BATTERY CHARGER NO. 4	SRVB	730	-- - EMER SWITCHGEAR		PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes				
BAT-CHG2-7	BATTERY CHARGER NO. 7	SRVB	730	-EMER SWITCHGEAR		PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes			3.40E+00	6.69E-04

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
BAT-CHG2-9	BATTERY CHARGER NO. 9	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes			3.41E+00	6.71E-04
DC-SWBD2-1	125VDC SWBD2-1	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes			4.08E+01	8.36E-04
DC-SWBD2-1-1	UNINTERUPTABLE POWER SUPPLY 2-1	SRVB	730	-		PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes				
DC-SWBD2-2	125VDC SWBD2-2	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes			7.24E+01	3.65E-03
DC-SWBD2-2-1	UNINTERUPTABLE POWER SUPPLY 2-2	SRVB	730	-		PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes				
INV-VITBS2-1	UNINTERRUPTIBLE POWER SUPPLY	SRVB	730	-ORANGE		IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes	Replaced			
INV-VITBS2-2	UNINTERRUPTIBLE POWER SUPPLY	---				IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
JB-VITBS2-1	JUNCTION BOX FOR 120 VAC VITAL BUS VOL	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
JB-VITBS2-2	JUNCTION BOX FOR 120 VAC VITAL BUS VOL	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
JB-VITBS2-3	JUNCTION BOX FOR 120 VAC VITAL BUS VOL	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
JB-VITBS2-4	JUNCTION BOX FOR 120 VAC VITAL BUS VOL	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
MCC-2-E01	480VAC MOTOR CONTROL CENTER	INTS	705		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Humid/Dry	Cool	Yes			7.76E+00	8.86E-04
MCC-2-E02	480 VAC MOTOR CONTROL CENTER	INTS	705			IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Humid/Dry	Cool	Yes			7.55E+00	8.20E-04
MCC-2-E05	480 VAC MOTOR CONTROL CENTER	MSCV	735	FIG 3.8-2/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			1.22E+01	3.36E-04

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
MCC-2-E05-12A	XMFR FOR VITAL BUS 2-1 UPS-VITBS2-1	MSCV	735	-WEST CABLE VAULT		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E05-12D	REG TRANSFORMER VITAL BUS 2-1	MSCV	735			IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E05-1D	VITAL BUS INV & STA BAT NO3	MSCV	735			IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E05-1E	STA BATTERY NO 1 CHARGER BAT-CHG2-1	MSCV	735	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E05-2A	LINE STARTER FOR BAT CHG 2-3	MSCV	735	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E06	480 VAC MOTOR CONTROL CENTER	MSCV	735	FIG 3.8-2/E		IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
MCC-2-E06-10A	LINE STARTER FOR VITBS2-2 ALT. SOURCE	MSCV	735	-EAST CABLE VAULT		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E06-1C	STA BATTERY NO 2 CHARGER BAT-CHG2-2	MSCV	735	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E06-1D	VITAL BUS INV STA BAT NO 4	MSCV	735			IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E06-2A	LINE STARTER FOR BAT CHG 2-4	MSCV	735	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E06-9F	XFMR VITBUS 2-2	MSCV	735			IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E07	MOTOR CONTROL CENTER	DGBX	732	FIG 3.8-43/SW	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.91E+00	8.70E-05
MCC-2-E07-5B	RECEPT FOR SPARE BATTERY CHARGER 2PO-5	DGBX	732	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.40E+00	3.64E-05

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
MCC-2-E07-5C	LINE STARTER FOR VITBS2-3 ALT. SOURCE	DGBX	732	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E07-6A	XFMR FOR VITAL BUS 2-3	DGBX	732			IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E08	480V MOTOR CONTROL CENTER	DGBX	732	FIG 3.8-43/NW		IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			4.01E+00	8.99E-05
MCC-2-E08-5B	RECEPT FOR SPARE BATTERY CHARGER 2PO-5	DGBX	732	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.41E+00	3.66E-05
MCC-2-E08-5C	LINE STARTER FOR VITBS2-4 ALT.SOURCE R	DGBX	732	-		PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E08-6A	XFMR FOR VITAL BUS 2-4	DGBX	732			IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
MCC-2-E09	480 VAC MOTOR CONTROL CENTER	CNTB	707	FIG 3.8-41/N	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E10	480 VAC MOTOR CONTROL CENTER	CNTB	707	FIG 3.8-41/N		IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E11	480 VAC MOTOR CONTROL CENTER	SFGB	737	FIG 3.8-2/S	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.91E+00	8.70E-05
MCC-2-E12	480 VAC MOTOR CONTROL CENTER	SFGB	737	FIG 3.8-2/N		IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			4.01E+00	8.99E-05
MCC-2-E13	480 VAC MOTOR CONTROL CENTER	MSCV	735	FIG 3.8-2/W		IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			1.22E+01	3.36E-04
MCC-2-E13-1B	VITAL BUS INVERTER 2-1	MSCV	735			IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
MCC-2-E14	480 VAC MOTOR CONTROL CENTER	MSCV	735	FIG 3.8-2/E		IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E14-1B	VITAL BUS INVERTER 2-2	MSCV	735			IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E15	480 VAC MOTOR CONTROL CENTER	MSCV	755			IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
PNL-2AFCE-AB-B	AUXILIARY BLDG AIR SUPPLY AIR FLOW IND	AXLB	773--777			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
PNL-2AFCE-AB-C	AUXILIARY BLDG AIR SUPPLY AIR FLOW IND	AXLB	773--778			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
PNL-2ALT-SHUTDN	ALTERNATE SHUTDOWN PANEL	CNTB	755			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-2AMSAC	ANTICIPATED TRANSIENT W/O SCRAM MITIGA	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2BLG-SER	Building Service Control Panel	CNTB	735		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2DIGEN-1	DIESEL GENERATOR 2-1 CONTROL PANEL	DGBX	732		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	DGS	No	Dry	Warm	Yes				
PNL-2DIGEN-1	DIESEL GENERATOR 2-2 CONTROL PANEL	DGBX	732			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	4kv	No	Dry	Cool	Yes				
PNL-2DPU-A	PLANT SAFETY MONITORING SYSTEM DATABAS	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2DPU-B	PLANT SAFETY MONITORING SYSTEM DATABASE	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-2FWIV	FEEDWATER ISOLATION VALVE TEST PANEL	MSCV	755			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-2HCP	HYDROGEN CONTROL PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-2HCS-2A	ABANDONED IN PLACE BY ECP 04-0261 - PO	SFGB	737			Fire Panels	1	No	Containment	20. Instrument and Control Panels	CIS	No	Dry	Cool	Yes				
PNL-2HCS-2B	ABANDONED IN PLACE BY ECP 04-0261 - PO	SFGB	737			Fire Panels	1	No	Containment	20. Instrument and Control Panels	CIS	No	Dry	Cool	Yes				
PNL-2MSIV-A	MAIN STEAM ISOLATION VALVE PANEL	MSCV	755			Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
PNL-2MSIV-B	MAIN STEAM ISOLATION VALVE PANEL	MSCV	755			Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-2MSIV-C	MAIN STEAM ISOLATION VALVE PANEL	MSCV	755			Fire Panels	1	No	C. RCS Inventory Control	20. Instrument and Control Panels	MSI	No	Dry	Cool	Yes				
PNL-2PSMS-A	PLASMA DISPLAY MODULE CABINET A	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2PSMS-B	PLASMA DISPLAY MODULE CABINET B	CNTB	735			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2RCP-H2A	PRESSURIZER HEATER BACKUP GROUP A PANEL	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	PZR	No	Dry	Cool	Yes				
PNL-2RCP-H2B	PRESSURIZER HEATER BACKUP GROUP B PANEL	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	PZR	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-2RCP-H2D	PRESSURIZER HEATER GROUP GROUP D PANEL	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	PZR	No	Dry	Cool	Yes				
PNL-2RCP-H2E	PRESSURIZER HEATER BACKUP GROUP E PANEL	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	PZR	No	Dry	Cool	Yes				
PNL-2RPU-A	Remote Processing Unit "A" Panel	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
PNL-2RPU-B	REMOTE PROCESSING UNIT "B" PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2RPU-C	REMOTE PROCESSING UNIT "C" PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-2SHUTDN	EMERGENCY SHUTDOWN PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-2UV-T-A	EMERGENCY BUS UNDERVOLTAGE TEST PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-2UV-T-B	EMERGENCY BUS UNDERVOLTAGE TEST PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-AC2-E1	SERVICE BLDG 120/240 VAC DISTRIBUTION PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E10	CABLE VAULT 120/240 VAC DIST PNL	MSCV	735			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E12	SERVICE BLDG 120/240 VAC DISTRIBUTION PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-AC2-E13	SERVICE BLDG 120/240 VAC DISTRIBUTION PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E2	SERVICE BLDG 120/240 VAC DISTRIBUTION PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E3	CONTROL BLDG 120/240 VAC DISTRIBUTION PA	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E4	CONTROL BLDG 120/240 VAC DISTRIBUTION	CNTB	707			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E5	INTAKE STRUCTURE 120/240 VAC DISTRIBUTIO	INTS	705			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Humid/Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-AC2-E6	INTAKE STRUCTURE 120/240 VAC DISTRIBUTIO	INTS	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Humid/Dry	Cool	Yes				
PNL-AC2-E7	SERVICE BLDG 120/240 VAC DISTRIBUTIO N PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-AC2-E8	SERVICE BLDG 120/240 VAC DISTRIBUTIO N PA	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
PNL-DC2-07	125 VDC Emergency Distribution Panel	SRVB	730		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	2. DC Power	14. Distribution Panels	125V	No	Dry	Warm	Yes				
PNL-DC2-19	125 VDC Distribution Panel	SRVB	730		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	2. DC Power	14. Distribution Panels	125V	No	Dry	Warm	Yes				
PNL-ISOL-287	MAIN STEAM VALVES VPI ISOLATION PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-ISOL-288	MAIN STEAM VALVES ISOLATION PANEL	MSCV	773			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-PWR-259	ASP INSTRUMENT POWER SUPPLY PANEL	CNTB	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-REF24A	REFRIGERATION CONDENSOR CONTROL PANEL (C	CNTB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
PNL-REF24B	REFRIGERATION CONDENSOR CONTROL PANEL (C	CNTB	735			Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	HVAC	No	Dry	Cool	Yes				
PNL-REL-241	EMERGENCY SHUTDOWN XFER RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-REL-242	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-243	D/G 2-1 PROTECTION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-245	DIFFERENTIAL RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-246	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-247	AUXILIARY ISOLATION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-248	CONTROL ISOLATION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-REL-249	EMERGENCY SHUTDOWN XFER RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-250	ALT SHUTDOWN TRANSFER RELAY PANEL	CNTB	755			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-251	EMERGENCY SHUTDOWN XFER RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-252	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-253	D/G 2-2 PROTECTION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-255	DIFFERENTIAL RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-REL-256	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-257	AUXILIARY ISOLATION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-258	CONTROL ISOLATION RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-259	EMERGENCY SHUTDOWN XFER RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-269	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-279	AUXILIARY EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-REL-280	UNIT 1 AND UNIT 2 ISOLATION PANEL	CNTB	707			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-282	125 VDC RELAY TRANSFER PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-283	HVAC ALT SHUTDOWN TRANSFER RELAY PANEL	MSCV	735			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-285	Relay Panel	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-REL-286	Relay Panel	SRVB	730			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-REL-290	UNIT 1 TO UNIT 2 ISOLATION PANEL	CNTB	707			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-REL-295	AUXILIARY EMERGENCY RELAY PANEL SERVICE	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-REL-296	EMERGENCY RELAY PANEL	SRVB	730			Fire Panels	1	No	2. DC Power	20. Instrument and Control Panels	125V	No	Dry	Cool	Yes				
PNL-SEQ-244	D/G 2-1 SEQUENCING AND TEST PANEL	SRVB	730	-DG SEQ PNL TB-1	Screens 1,2,3,4a,4b, 4c,4e,4f	PRA	1	No	1. AC Power	20. Instrument and Control Panels	DGS	No	Dry	Warm	Yes		Station Blackout	2.46E+00	4.51E-03
PNL-SEQ-254	D/2 2-2 SEQUENCING AND TEST PANEL	SRVB	730	-		PRA	1	No	1. AC Power	20. Instrument and Control Panels	4kv	No	Dry	Warm	Yes			2.87E+00	5.75E-03
PNL-VITBS2-1A	120 VAC VITAL BUS 1 DISTRIBUTION	CNTB	707	FIG 3.8-41/SW	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes			2.63E+00	9.34E-04
PNL-VITBS2-1C	120 VAC VITAL BUS 1C DISTRIBUTION	CNTB	735			IPEEE	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
PNL-VITBS2-1D	120 VAC VITAL BUS 1D DISTRIBUTION	SRVB	730	-		IPEEE	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes				
PNL-VITBS2-2A	120 VAC VITAL BUS II DISTRIBUTION	CNTB	707	FIG 3.8-41/E		IPEEE & PRA	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes			7.20E+00	1.53E-03
PNL-VITBS2-2C	120 VAC VITAL BUS II DISTRIBUTION	CNTB	735		Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes				
PNL-VITBS2-2D	120 VAC VITAL BUS 2D DISTRIBUTION	SRVB	730	-		IPEEE	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes				
PNL-VITBS2-3A	120 VAC VITAL BUS III DISTRIBUTIO	CNTB	707	FIG 3.8-41/?		IPEEE & PRA	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes			5.31E+00	6.46E-04
PNL-VITBS2-4A	120 VAC VITAL BUS IV DISTRIBUTION	CNTB	707	FIG 3.8-41/NE		IPEEE & PRA	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes			5.53E+00	1.82E-03

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
RE-2REC-PL-N	CONTROL ROD DRIVE REACTOR RECEPTACLE PLA	RCBX	767			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
RE-2REC-PL-S	CONTROL ROD DRIVE REACTOR RECEPTACLE PLA	RCBX	767			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
REAC-2T-SWGR	UNIT 2 REACTOR TRIP SWGR PANEL	MSCV	755			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RECT-VITBS2-1	VITAL BUS UNINTERUPTABLE POWER	SRVB	730			IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes	Replaced			
RECT-VITBS2-3	VITAL BUS UNINTERUPTABLE POWER	---				IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
RECT-VITBS2-4	VITAL BUS UNINTERUPTABLE POWER	---				IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
REG-VITBS2-1	REGULATOR-VITIAL BUS	SRVB	730	EMER SWITCHGEAR - WEST		IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes	Replaced			

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
REG-VITBS2-4	REGULATOR-VIT. BUS	---				IPEEE	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
RK-2AUX-REL-A	REACTOR PROTECTION SYSTEM PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2AUX-REL-B	REACTOR PROTECTION SYSTEM PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2AUX-REL-C	Reactor Protection System Panel	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
RK-2AUX-RPST-A	AUXILIARY SAFEGUARDS CABINENT	CNTB	713			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2AUX-RPST-B	AUXILIARY SAFEGUARDS PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2NUC-INS	INS Nuclear Instr Sys.	CNTB	735		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
RK-2PRI-PROC-3	PRIMARY PROCESS CONTROL PANEL 3	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-4	PRIMARY PROCESS CONTROL PANEL 4	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-5	PRIMARY PROCESS CONTROL PANEL 5	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-7	PRIMARY PROCESS CONTROL PANEL 7	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-8	PRIMARY PROCESS CONTROL PANEL 8	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2P-TST-A	PROTECTION SYSTEM TEST PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2P-TST-B	PROTECTION SYSTEM TEST PANEL	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
RK-2RC-PRT-A	SOLID STATE PROTECTION SYSTEM TRAIN 'A	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2RC-PRT-B	SOLID STATE PROTECTION SYSTEM TRAIN 'B	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2RPI-PROC-1	Primary Process Control Panel 1	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
RK-2RPI-PROC-2	Primary Process Control Panel 2	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
RK-2SEC-PROC-A	Emergency Control System Secondary Process Panel	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	B. RCS Pressure Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
RK-2SEC-PROC-B	EMERGENCY CONTROL SYSTEM SECONDARY PRO	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
RK-2SEC-PROC-B0	EMERGENCY CONTROL SYSTEM SECONDARY PROCE	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2VV-REL-A	STOP VALVE PROTECTION RACK TRAIN "A"	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2VV-REL-B	STOP VALVE PROTECTION RACK TRAIN "B"	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-CMP-AT	Computer Termination Cabinets Analog	CNTB	707			Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Warm	Yes				
TRF-2-8N	TRANSFORMER FOR SUBSTATION 2-8	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	4. Transformers	480V	No	Dry	Warm	Yes			2.23E+02	9.70E-03
TRF-2-9P	TRANSFORMER FOR SUBSTATION 2-9	SRVB	730	FIG 3.8-44/E		IPEEE & PRA	1	No	1. AC Power	4. Transformers	480V	No	Dry	Warm	Yes			2.27E+02	1.02E-02

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-1	VITAL BUS UNINTERRUPTIBLE POWER	SRVB	730	-EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes	Replaced			
UPS-VITBS2-1	VITAL BUS UNINTERRUPTIBLE POWER SUPPLY	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
UPS-VITBS2-1-B1	DC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-B2	INVERTER OUTPUT SWITCH	SRVB	730	-EMERG SWITCHGEAR-		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-B4	ALTERNATE SOURCE AC INPUT TO STATIC SWIT	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-B401	AC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-B402	RECTIFIER DC OUTPUT	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-D412	DIODE 500AMP 400V FWD (3/4 IN.)	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-1-REG	VITAL BUS NO. 1 UPS BYPASS REGULATING	SRVB	730	-EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	1. AC Power	4. Transformers	120V	No	Dry	Warm	Yes	Replaced			
UPS-VITBS2-1-S1	UPS-VITBS2-1 MANUAL BYPASS SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-1-X20	STATIC SWITCH TRANSFER INITIATOR BOARD	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2	VITAL BUS UNINTERRUP TIBLE POWER	SRVB	730	EMER SWITCHGEAR - DF SWITCHGEAR		IPEEE & PRA	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2	VITAL BUS NO. 3 UPS	SRVB	730			Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
UPS-VITBS2-2-B1	DC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-B2	INVERTER OUTPUT SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-2-B4	ALTERNATE SOURCE AC INPUT TO STATIC SWIT	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-B401	AC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-B402	RECTIFIER DC OUTPUT	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-D412	DIODE 500 AMP 400V FWD (3/4 IN.)	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-REG	VITAL BUS NO. 2 UPS BYPASS REGULATING	SRVB	730	-EMER SWITCHGEAR		PRA	1	No	1. AC Power	4. Transformers	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-S1	UPS-VITBS2-2 MANUAL BYPASS SWITCH	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-2-X20	STATIC SWITCH TRANSFER INITIATOR BOARD	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-3	VITAL BUS UNINTERRUPTIBLE POWER	SRVB	730	EMER SWITCHGEAR - AAE SWITCHGEAR		IPEEE & PRA	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3	VITAL BUS NO.4 UPS	SRVB	730	-EMER SWITCHGEAR -		Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	120V	No	Dry	Cool	Yes				
UPS-VITBS2-3-B1	DC-INPUT SWITCH FOR UPS-VITBS2-3	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-B2	INVERTER OUTPUT SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-B4	ALTERNATE SOURCE AC INPUT TO STATIC SWIT	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-B401	AC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-B402	RECTIFIER DC OUTPUT	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-3-D412	DIODE 500AMP 400V FWD (3/4 IN.)	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-REG	TRANSFORMER - REGULATING	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	4. Transformers	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-S1	UPS-VITBS2-3 MANUAL BYPASS SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-3-X20	STATIC SWITCH TRNASFER INITIATOR BOARD	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4	VITAL BUS UNINTERRUPTIBLE POWER	SRVB	730	EMER SWITCHGEAR - 2		IPEEE & PRA	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-B1	DC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-B2	INVERTER OUTPUT SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-1 Base List 1 The Equipment Coming Out of Screen #3 and Entering Screen #4, for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected?	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
UPS-VITBS2-4-B4	ALTERNATE SOURCE AC INPUT TO STATIC SWIT	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-B401	AC INPUT SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-B402	RECTIFIER DC OUTPUT	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-D412	DIODE 500AMP 400V FWD (3/4 IN.)	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-REG	TRANSFORMER - REGULATING	SRVB	730	-EMER SWITCHGEAR -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-S1	UPS-VITBS2-4 MANUAL BYPASS SWITCH	SRVB	730	-EMER SWITCHGEAR ROOM		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				
UPS-VITBS2-4-X20	STATIC SWITCH TRANSFER INITIATOR BOARD	SRVB	730	-EMER SWITC -		PRA	1	No	1. AC Power	0c. Other Sub-component	120V	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2CCP-27A	COMP COOL PUMP P21C DISCH CROSS CONN TO	AXLB	735	743	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-4	COMPONENT COOLING PUMP P21A	AXLB	735		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	CCR	No	Dry	Warm	Yes				
2CCP-AOV107A	2CCP*AOV10 7A BB	RCBX	718-721	- - 721 A RCP PUMP CUBICLE	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	7. Pneumatic-Operated Valves	CCR	No	Dry	Warm	Yes				
2CCP-E21A	PRIMARY CCW HEAT EXCHANGER	AXLB	710	FIG 3.8-30/24	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes	ECP 12-0242-001 Replace HX			
2CCP-FT107A	REACTOR COOLANT PUMP 2RCS-P21A Thermal Barrier Flow Output	RCBX	718		Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	18. Instrument on Rack	CCR	No	Dry	Hot	Yes				
2CCP-MOV112A	(2RHS*E21A 22A) SUPPLY ISOL	RCBX	718	-ANNULUS -720 C0L 17/1	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2CCP-MOV119	CNMT INST AIR CMPRSR SUPPLY	MSCV	773	-IAC ROOM -	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes				
2CCP-MOV150-1	CCP SPLY HDR OUTSIDE CNMT ISOL	MSCV	722	- - 733 2-MSCV-722--733	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	CCR	No	Dry	Warm	Yes			1.82E+01	1.64E-04
2CCP-P21A	PRIMARY COMPONENT CLG PUMP "A"-C/	AXLB	735	- - N/EAST 2-AXLB-735--N/E	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	5. Horizontal Pumps	CCR	No	Dry	Warm	Yes				
2CCP-PT107A	REACTOR COOLANT PUMP 2RCS-P21A Thermal Barrier Pressure Output	RCBX	718		Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	18. Instrument on Rack	CCR	No	Dry	Hot	Yes				
2CCP-TK21A	COMPONENT COOLING SURG TANK	AXLB	773	FIG 3.8-33/114	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	21. Tanks & Heat Exchangers	CCR	No	Dry	Warm	Yes				
2CHS-LCV115B	PROVIDE RWST FLOW PATH TO HHSI	AXLB	718	-UPPER BLEN - 721 SE CORNER	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2CHS-MOV310	ISO TO CHARGING SYSTEM	RCBX	692	--S NEAR INNER STAIRS COL 7	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes			6.66E+00	1.26E-05
2CHS-MOV8132A	ISOL - REDUNDENT (INJECT TO RECIR	AXLB	718	-UPPER BLEN - UPPER BLENDER RM-721 N	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	CVCS	Yes	Dry	Warm	Yes				
2CHS-P21A	PRIMARY HHSI (CHARGING) PUMP	AXLB	735	FIG 3.8-31/51	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	CVCS	Yes	Dry	Warm	Yes				
2CHS-SOV206	ALTERNATE EMERGENCY BORATE VALVE	AXLB	755	-TK 21A CUB -TK 21A CUB-759	Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	8b. Solenoid Operated Valve	CVCS	No	Dry	Warm	Yes				
2CHS-TK21A	AUXILIARY BUILDING BORIC ACID	AXLB	755	--2-AXLB-755--	Screens 1,2,3,4a,4b	IPEEE & PRA	1	No	A. Reactivity Control	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes				
2CVS-SOV102	CONTAINMENT ISO CIA PENETR #43	MSCV	718	--2-MSCV-718--	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2CVS-SOV151A	CNMT ISOLATION CIA PENET 93	MSCV	718	--2-MSCV-718--	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8b. Solenoid Operated Valve	CIS	No	Dry	Warm	Yes				
2DAS-AOV100A	CNMT ISOLATION CIA PENET 38	RCBX	718	-PEN -PEN-724 COL 9	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	7. Pneumatic-Operated Valves	CIS	Yes	Dry	Warm	Yes				
2EGF-LIS203A	EMERGENCY GEN DAY TANK	DGBX	732		Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	1. AC Power	18. Instrument on Rack	DGS	No	Dry	Warm	Yes		Station Blackout		
2EGF-P21A	DG 2-1 FUEL OIL XFER PP	DGBX	732	FIG 3.8-43/4A	Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	1. AC Power	6. Vertical Pumps	DGS	No	Dry	Warm	Yes		Station Blackout		
2EGF-TK22A	DIESEL GEN FUEL OIL DAY TANK	DGBX	732		Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	1. AC Power	21. Tanks & Heat Exchangers	DGS	No	Dry	Warm	Yes			2.46E+00	6.75E-07
2EGS-EG2-1	EMERGENCY DIESEL GENERATOR	DGBX	732	FIG 3.8-43/1A	Screens 1,2,3,4a,4b, 4c,4d,4e,4f	IPEEE & PRA	1	No	1. AC Power	17. Diesel Generator	DGS	No	Dry	Warm	Yes	ECP 11-0165-001 Air Tube Replacement	Station Blackout	2.31E+00	1.64E-02
2FWE-FE101A	300 GPM FLOW ELEMENT	SFGB	737-750	-750	Screens 1,2,3,4a,4b, 4c	PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	AFW	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2FWE-HCV100D	21B SG AUX FEED WATER THROTTLE	SFGB	741		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	AFW	No	Dry	Warm	Yes				
2FWE-P22	AUX FEED PUMP TURBINE DRIVEN	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes			2.42E+00	1.98E-02
2FWE-P23A	MOTOR-DRIVEN AUX FEED PUMP	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	5. Horizontal Pumps	AFW	No	Dry	Warm	Yes				
2FWS-FCV478	21A SG MAIN FEEDWATER REG VLV	SRVB	780-788	-788 FEED REG ROOM	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	MFW	No	Dry	Hot	Yes	ECP 02-0902			
2FWS-FCV479	21A SG BYPASS FW CONTROL VLV	SRVB	780-788	-788	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	MFW	No	Dry	Hot	Yes				
2FWS-HYV157A	21C SG FW ISOLATION	MSCV	773	MN STM VLV -778	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	MFW	No	Dry	Hot	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2FWS-LT477F	(2RCS*SG21A) WIDE RANGE LEVEL TRANSMITTE	RCBX	718	-	Screens 1,2,3,4a,4b, 4c	PRA	1	No	D. RCS Heat Removal	18. Instrument on Rack	MFW	No	Dry	Warm	Yes				
2HVC-ACU201A	CONTROL ROOM A/C UNIT CONDENSER	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Cool	Yes				
2HVD-DMP201A	FLOW BALANCING DAMPER	DGBX	759	2-1 DG-	Screens 1,2,3,4a,4b, 4c	PRA	1	No	6. HVAC	7. Pneumatic-Operated Valves	HVAC	No	Dry	Warm	Yes				
2HVD-DMP22A	DISCHARGE DAMPER FOR	DGBX	759	2-1 DG	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	6. HVAC	7. Pneumatic-Operated Valves	HVAC	No	Dry	Warm	Yes				
2HVD-FN270A	DIESEL GEN BLDG SUPPLY FAN	DGBX	759	FIG 3.8-43/S	Screens 1,2,3,4a,4b, 4c,4e	IPEEE & PRA	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Station Blackout		
2HVP-CLC265A	MCC*2-E03 CUBICLE COOLING COILS	AXLB	755		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2HVR-ACU207A	SAFEGUARDS AREA A/C UNIT CONDENSER	SFGB	741		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	10. Air Handlers	HVAC	No	Dry	Cool	Yes				
2HVR-TI228	CONTROL ROOM ALARM AND TEMPERATURE IND	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	19. Temperature Sensors	HVAC	No	Dry	Cool	Yes				
2HVR-TI228-1	CABLE VAULT AND ROD CONTROL ROOM TEMPE	CNTB	735		Screens 1,2,3,4a,4b, 4c	Other	1	No	6. HVAC	19. Temperature Sensors	HVAC	No	Dry	Cool	Yes				
2HVW-FN257A	INTAKE STRUCTURE CUB 4 SUPPLY FAN	INTS	705	-	Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	6. HVAC	9. Fans	HVAC	No	Humid/Dry	Cool	Yes			3.06E+00	1.52E-03
2HVW-MOD21A	OUTSIDE AIR DAMPER TO (2HVW*FN257A)	INTS	705-724	-724	Screens 1,2,3,4a,4b, 4c,4f	PRA	1	No	6. HVAC	7. Pneumatic-Operated Valves	HVAC	No	Humid/Dry	Cool	Yes			2.88E+00	1.77E-05

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2HVZ-DMP215A	DISCHARGE DAMPER FOR	MSCV	773	-SWGR VENT ROOM	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	6. HVAC	7. Pneumatic-Operated Valves	HVAC	No	Dry	Warm	Yes				
2HVZ-FN261A	EMERG SWGR SUPPLY FAN	MSCV	767	Hung from Ceiling	Screens 1,2,3,4a,4b, 4c,4e	IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Loss of SWGR HVAC		
2HVZ-FN261B	EMERG SWGR SUPPLY FAN	MSCV	767	Floor Mounted	Screens 1,2,3,4a,4b, 4c,4e	IPEEE	1	No	6. HVAC	9. Fans	HVAC	No	Dry	Warm	Yes		Loss of SWGR HVAC		
2MSS-AOV101A	MAIN STEAM ISOLATION	MSCV	773-789	-789	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	MSI	No	Dry	Hot	Yes				
2MSS-SOV105A	SECTION C 1A-MSSAT	MSCV	773-787	-787	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8b. Solenoid Operated Valve	MSI	No	Dry	Hot	Yes				
2MSS-SV101A	(2RCS*SG21A) MN STM SAFETY	MSCV	773		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	MSI	No	Damp	Hot	Yes				
2QSS-297	RWST SUCTION ISOL TO LOW HD	RWST	730		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	Containment	0d. Other - check valve or manual valve	LHSI	No	Vary	Vary	No			2.31E+03	1.62E-02

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2QSS-LT104A	REFUELING WATER STORAGE TANK LEVEL	RWST	730		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	C. RCS Inventory Control	18. Instrument on Rack	LHSI	No	Dry	Warm	Yes			2.89E+00	1.49E-04
2QSS-MOV100A	P21A SUCTION	SFGB	718	- - 729SOUTH-UP SHORT LADD	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2QSS-MOV101A	P21A DISCHARGE	SFGB	718	- - 729 SOUTH "A" RSS CUB	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	8a. Motor Operated Valve	QS	No	Dry	Warm	Yes				
2RCS-AOV101	CNMT ISOLATION CIA PENET 49	MSCV	718	-PEN C -#49 2-MSCV-718-PEN C-#	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	Containment	7. Pneumatic-Operated Valves	CIS	Yes	Dry	Warm	Yes				
2RCS-PT440	REACTOR VESSEL LVL INST SYS PRESSURE TRA	MSCV	740	--2-MSCV-740--	Screens 1,2,3,4a,4b, 4c	PRA	1	No	B. RCS Pressure Control	18. Instrument on Rack	RPS	No	Dry	Warm	Yes				
2RHS-E21B	RES HEAT REMOVAL HEAT EXCHANGER	RCBX	707	FIG 3.8-4	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	21. Tanks & Heat Exchangers	RHR	Yes	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2RHS-HCV758A	RHS TRAIN A HX OUTLET FLOW	RCBX	692	RHS PLATFORM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	7. Pneumatic-Operated Valves	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV702A	RC TO RHR ISO	RCBX	718	-A RCP PUMP - 2-RCBX-718-A RCP PUMP	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-MOV720A	RHR TO RCS LOOP 22 C.L. ISO	RCBX	718	-B RCP PUMP - 2-RCBX-718-B RCP PUMP	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	8a. Motor Operated Valve	RHR	Yes	Dry	Warm	Yes				
2RHS-P21A	RHR PUMP A	RCBX	707	FIG 3.8-4	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	6. Vertical Pumps	RHR	Yes	Dry	Warm	Yes				
2RHS-RV721A	RHS TRAIN A SUPPLY RELIEF	RCBX	692	-RHS PLATFO -712 2-RCBX-692 - RHS PL	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	D. RCS Heat Removal	0. Other	RHR	Yes	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2RSS-TI150A	CONTAINMENT SUMP TEMPERATURE INDICATOR	CNTB			Screens 1,2,3,4a,4b, 4c	Other	1	No	D. RCS Heat Removal	19. Temperature Sensors	LHSI	No	Wet	Warm	Yes				
2SIS-1	LHSI PUMP (SIS*P21A) INLET	SFGB	718		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	LHSI	No	Dry	Warm	Yes				
2SIS-67	HHSI PUMP THROTTLE TO LOOP 21C COLD LEG	RCBX	718	-ANNULUS - ANNULUS-720 COL 4	Screens 1,2,3,4a,4b, 4c	PRA	1	No	C. RCS Inventory Control	0d. Other - check valve or manual valve	HHSI	Yes	Dry	Warm	Yes				
2SIS-MOV863A	LHSI MOV ISO TO HHSI	SFGB	718-728	--728 2-SFGB-718--728	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSI	No	Dry	Warm	Yes				
2SIS-MOV867A	HHSI ISOL TO COLD LEG INJECTION	AXLB	710	-BIT CUB -	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	HHSI	No	Dry	Warm	Yes				
2SIS-MOV8811A	RECIRC. ISO VLV'S	SFGB	718-728	--728 2-SFGB-718--728	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	8a. Motor Operated Valve	LHSIHSI	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2SIS-P21A	LOW HEAD SAFETY INJ PUMP P21A	SFGB	718	FIG 3.8-3/S	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	C. RCS Inventory Control	5. Horizontal Pumps	LHSI	No	Dry	Warm	Yes				
2SVS-HCV104	RESIDUAL HEAT RELEASE VALVE	MSCV	773	MN STM VLV RM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	MSI	No	Damp	Hot	Yes				
2SVS-PCV101A	ATMOS STEAM DUMP VALVE MOTOR	MSCV	773	MN STM VLV RM	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	B. RCS Pressure Control	0. Other	MSI	No	Damp	Hot	Yes				
2SWS-57	SW PP (2SWS*P21A) DISCH	INTS	705	D CUB	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	0d. Other - check valve or manual valve	SWS	No	Humid/Dry	Cool	Yes			2.88E+00	4.29E-06
2SWS-EJM221A	SWS PUMPS DISCHARGE EXPANSION	INTS	705		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	0. Other	SWS	No	Humid/Dry	Cool	Yes			7.76E+00	5.51E-07
2SWS-MOV104A	INLET ISOLATION TO E21A RSS HX-C/	SFGB	718-722	-722 S HAIRPIN SW CORNER	Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
2SWS-MOV106A	SUPPLY TO CCR HX "A" HEADER	VLVP	718	A CUB -	Screens 1,2,3,4a,4b, 4c,4d,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes	ECP 08-0504-025 Replace stem/Spline Key		2.46E+02	2.85E-03
2SWS-MOV113A	DG HX E21/22 INLET ISOLATION	DGBX	732	2-1 DG -	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	4. SW&CCW	8a. Motor Operated Valve	SWS	No	Dry	Warm	Yes			2.46E+00	3.53E-03
2SWS-P21A	SERVICE WATER PUMP 21A	INTS	705	D CUB	Screens 1,2,3,4a,4b, 4c,4d,4f	IPEEE & PRA	1	No	4. SW&CCW	6. Vertical Pumps	SWS	No	Humid/Dry	Cool	Yes	ECP 07-0259-003 Motor Adaptor Plate Mod		3.06E+00	1.04E-03
2SWS-PCV118	UNIT 1 SUPPLY TO SERVICE WATER PUMP SE	INTS	705	C CUB-708 W WALL AT STR	Screens 1,2,3,4a,4b, 4c	PRA	1	No	4. SW&CCW	7. Pneumatic-Operated Valves	SWS	No	Humid/Dry	Cool	Yes				
2SWS-PT113A	PRESSURE TRANSMITTER	VLVP	718		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Dry	Warm	Yes				
2SWS-PT117A	PRESSURE TRANSMITTER	INTS	705		Screens 1,2,3,4a,4b, 4c	IPEEE & PRA	1	No	4. SW&CCW	18. Instrument on Rack	SWS	No	Humid/Dry	Cool	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
480VUS-2-8	480V SUBSTATION 2-8 EMERG BUS 2N	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes			3.18E+02	1.72E-02
480VUS-2-9	480V SUBSTATION 2-9 BUS 2P	SRVB	730	FIG 3.8-44/E	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	2. Low Voltage Switchgear	480V	No	Dry	Warm	Yes			3.49E+02	1.81E-02
4KVS-2AE	4160V EMERGENCY BUS	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4e,4f	IPEEE & PRA	1	No	1. AC Power	3. Medium Voltage Switchgear	4kv	No	Dry	Warm	Yes		4160V Fast Transfer	3.18E+02	1.72E-02
4KVS-2DF	4160V EMERGENCY BUS	SRVB	730	FIG 3.8-44/E	Screens 1,2,3,4a,4b, 4c,4e,4f	IPEEE & PRA	1	No	1. AC Power	3. Medium Voltage Switchgear	4kv	No	Dry	Warm	Yes		4160V Fast Transfer	3.49E+02	1.81E-02
52_BYA	UNIT 2 - REACTOR TRIP BYPASS BREAKER A	MSCV	755	-CV & RC AREA - REAC-2T-SWGR	Screens 1,2,3,4a,4b, 4c,4e	PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes		Rx Trip Breaker Failure		

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
52_RTA	UNIT 2 - REACTOR TRIP BREAKER A	MSCV	755	-CV & RC AREA - REAC-2T-SWGR	Screens 1,2,3,4a,4b, 4c,4e	PRA	1	No	A. Reactivity Control	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	RPS	No	Dry	Warm	Yes		Rx Trip Breaker Failure		
BAT-2-1	CONTROL STORAGE BATTERY	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	2. DC Power	15. Battery Racks	125V	No	Dry	Warm	Yes			8.08E+00	3.07E-03
BAT-CHG2-1	125 VOLT DC BATTERY CHARGER 2-1	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes	ECP 05-009-001 Replaced Battery Charger			
BAT-CHG2-3	BATTERY CHARGER NO. 3	SRVB	730	-- - EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	2. DC Power	16. Battery Chargers and Inverters	125V	No	Dry	Warm	Yes	ECP 05-009-003 Replaced Battery Charger			
DC-SWBD2-1	125VDC SWBD2-1	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	2. DC Power	2. Low Voltage Switchgear	125V	No	Dry	Warm	Yes			4.08E+01	8.36E-04

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
MCC-2-E01	480VAC MOTOR CONTROL CENTER	INTS	705		Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Humid/Dry	Cool	Yes			7.76E+00	8.86E-04
MCC-2-E05	480 VAC MOTOR CONTROL CENTER	MSCV	735	FIG 3.8-2/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			1.22E+01	3.36E-04
MCC-2-E07	MOTOR CONTROL CENTER	DGBX	732	FIG 3.8-43/SW	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.91E+00	8.70E-05
MCC-2-E09	480 VAC MOTOR CONTROL CENTER	CNTB	707	FIG 3.8-41/N	Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes				
MCC-2-E11	480 VAC MOTOR CONTROL CENTER	SFGB	737	FIG 3.8-2/S	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	1. Motor Control Center	480V	No	Dry	Warm	Yes			3.91E+00	8.70E-05
PNL-2BLG-SER	Building Service Control Panel	CNTB	735		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	6. HVAC	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
PNL-2DIGEN-1	DIESEL GENERATOR 2-1 CONTROL PANEL	DGBX	732		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	1. AC Power	20. Instrument and Control Panels	DGS	No	Dry	Warm	Yes				
PNL-2RPU-A	Remote Processing Unit "A" Panel	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
PNL-DC2-07	125 VDC EMERGENCY DISTRIBUTIO N PANEL	SRVB	730		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	2. DC Power	14. Distributio n Panels	125V	No	Dry	Cool	Yes				
PNL-DC2-19	125 VDC DISTRIBUTIO N PANEL	SRVB	730		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	2. DC Power	14. Distributio n Panels	125V	No	Dry	Cool	Yes				
PNL-SEQ-244	D/G 2-1 SEQUENCIN G AND TEST PANEL	SRVB	730	-DG SEQ PNL TB-1	Screens 1,2,3,4a,4b, 4c,4e,4f	PRA	1	No	1. AC Power	20. Instrument and Control Panels	DGS	No	Dry	Warm	Yes		Station Blackout	2.46E+00	4.51E-03
PNL-VITBS2-1A	120 VAC VITAL BUS 1 DISTRIBUTIO N	CNTB	707	FIG 3.8-41/SW	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	14. Distributio n Panels	120V	No	Dry	Warm	Yes			2.63E+00	9.34E-04

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
PNL-VITBS2-2C	120 VAC VITAL BUS II DISTRIBUTION	CNTB	735		Screens 1,2,3,4a,4b, 4c	IPEEE	1	No	1. AC Power	14. Distribution Panels	120V	No	Dry	Warm	Yes				
RK-2AUX-REL-C	Aux. Relay Rack	SRVB	730		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2NUC-INS	INS Nuclear Instr Sys.	CNTB	735		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-1	Primary Process Control Panel 1	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2PRI-PROC-2	Primary Process Control Panel 2	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	A. Reactivity Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				
RK-2SEC-PROC-A	Emergency Control System Secondary Pro	CNTB	707		Screens 1,2,3,4a,4b, 4c	Fire Panels	1	No	B. RCS Pressure Control	20. Instrument and Control Panels	RPS	No	Dry	Cool	Yes				

Table 4-2 SWEL 1 Selected Equipment for 5 Safety Functions

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - / IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
TRF-2-8N	TRANSFORMER FOR SUBSTATION 2-8	SRVB	730	FIG 3.8-44/W	Screens 1,2,3,4a,4b, 4c,4f	IPEEE & PRA	1	No	1. AC Power	4. Transformers	480V	No	Dry	Warm	Yes			2.23E+02	9.70E-03
UPS-VITBS2-1	VITAL BUS UNINTERRUPTIBLE POWER	SRVB	730	-EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	IPEEE & PRA	1	No	1. AC Power	16. Battery Chargers and Inverters	120V	No	Dry	Warm	Yes	Replaced			
UPS-VITBS2-1-REG	VITAL BUS NO. 1 UPS BYPASS REGULATING	SRVB	730	-EMER SWITCHGEAR	Screens 1,2,3,4a,4b, 4c,4d	PRA	1	No	1. AC Power	4. Transformers	120V	No	Dry	Warm	Yes	Replaced			

Table 4-3 Base List 2 - List of SSCs for Spent Fuel Pool

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 2	SSC Source	Screen 1 - Seismic Category 1 Category	Screen 2- Regularly Inspected? Inspected	Screen 3a - Variety of Types of Equip. EPRI 21 Categories	Screen 3b - Variety of Systems System	Screen 3c - Variety of Environments High Rad?	Moisture	Temp-erature	Inside?	Screen 3d - Major New & Replace-ment Equip.	Screen 4 - Cause Rapid Drain down
2CHS-FCV114A	PRIMARY GRADE WATER TO BORIC AICD BLENDER	AXLB	710	-BLENDER RM - 711 7' N LDR E OF WALK	Screens 1,2,3a,3b,3c	IPEEE & SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2CHS-HCV186	RCP SEAL HDR FLOW CONTROL	AXLB	718	-UPPER BLEN -721 2-AXLB-718-UPPER B	Screens 1,2,3a,3b,3c	IPEEE, PRA, SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2FNC-108	COOLING PUMP (2FNC*P21A) DISCHARGE CHE	FULB	735		Screens 1,2,3a,3b,3c	SFP	1	No	0. Other Check Valves	FPCS	Yes	Damp	Warm	Yes		
2FNC-E21A	FUEL POOL HEAT EXCHANGER	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	21. Tanks & Heat Exchangers	FPCS	Yes	Damp	Warm	Yes		
2FNC-EJM230A	2FNC-P21A SUCTION HEADER EXP JOINT	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	Expansion Joint	FPCS	Yes	Dry	Warm	Yes		
2FNC-P21A	FUEL POOL COOLING PUMP	FULB	729		Screens 1,2,3a,3b,3c,3d	IPEEE & SFP	1	No	5. Horizontal Pumps	FPCS	Yes	Damp	Warm	Yes	ECP 07-0238-001 Replace seal return line	
2FNC-RV101	Relief Valve	FULB	735	-	Screens 1,2,3a,3b,3c	SFP	1	No	0. Other	FPCS	No	Damp	Warm	Yes		
2FNC-TI101A	Temperature Indicator	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	19. Temperature Sensors	FPCS	No	Damp	Warm	Yes		
2FNC-TI102A	Temperature Indicator	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	19. Temperature Sensors	FPCS	No	Damp	Warm	Yes		
MCC-2-E03	480V MOTOR CONTROL CENTER FOR 2E3	AXLB	755	FIG 3.8-32/SW	Screens 1,2,3a,3b,3c	IPEEE, PRA, SFP	1	No	1. Motor Control Center	480V	No	Dry	Warm	Yes		
2FNC-105	COOLING PUMPS SUCTION HDR ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		

Table 4-3 Base List 2 - List of SSCs for Spent Fuel Pool

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 2	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3a - Variety of Types of Equip.	Screen 3b - Variety of Systems	Screen 3c - Variety of Environments				Screen 3d - Major New & Replace-ment Equip.	Screen 4 - Cause Rapid Drain down
							Category	Inspected	EPRI 21 Categories	System	High Rad?	Moisture	Temp-erature	Inside?		
2FNC-110	HEAT EXCHANGER (2FNC*E21A) INLET ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2SWS-122	SERVICE WATER SUPPLY HDR TO SPENT FUEL P	VLVP	718	B CUB -		PRA & SFP	1	No	0. Other Manual Valve	SWS	No	Dry	Warm	Yes		
2CHS-87	BLENDER TO REFUELING CAVITY	AXLB	710	BLENDER RM		IPEEE & SFP	1	No	0. Other Manual Valve	CVCS	No	Dry	Warm	Yes		
2CHS-89	BLENDER TO RWST ISOLATION	AXLB	710	BLENDER RM		IPEEE & SFP	1	No	0. Other Manual Valve	CVCS	No	Dry	Warm	Yes		
2CHS-BL21	BORIC ACID BLENDER	AXLB	2	XLB--- 2-AXLB---		SFP	1	No	21. Tanks & Heat Exchangers	CVCS	No	Dry	Warm	Yes		
2CHS-FCV113A	BORIC ACID TO BORIC AICD BLENDER	AXLB	710	-BLENDER RM - 712 16' N LDR W OF WAL		PRA & SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2CHS-FCV113B	BORIC ACID BLENDER DISCHARGE TO CHARGING	AXLB	710	BLENDER RM -712 2' N LDR		SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2CHS-FCV114B	BORIC ACID DILUTE INJECTION TO VOLUME CO	AXLB	710	BLENDER RM -712 5' E OF L		SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2FNC-106	COOLING PUMP (2FNC*P21A) SUCTION ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-107	COOLING PUMP (2FNC*P21B) SUCTION ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-109	COOLING PUMP (2FNC*P21B) DISCHARGE CHE	FULB	735			SFP	1	No	0. Other Check Valves	FPCS	Yes	Damp	Warm	Yes		
2FNC-111	HEAT EXCHANGER (2FNC*E21B) INLET ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-112	COOLING PUMPS DISCHARGE CROSS CONN	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-113	HEAT EXCHANGER (2FNC*E21A) OUTLET ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		

Table 4-3 Base List 2 - List of SSCs for Spent Fuel Pool

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 2	SSC Source	Screen 1 - Seismic Category 1 Category	Screen 2- Regularly Inspected? Inspected	Screen 3a - Variety of Types of Equip. EPRI 21 Categories	Screen 3b - Variety of Systems System	Screen 3c - Variety of Environments High Rad?	Moisture	Temp-erature	Inside?	Screen 3d - Major New & Replace-ment Equip.	Screen 4 - Cause Rapid Drain down
2FNC-114	HEAT EXCHANGER (2FNC*E21B) OUTLET ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-118	PRIMARY GRADE WATER MAKEUP ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-278	COOLING PUMP (2FNC*P21B) SUCTION TEST	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-279	COOLING PUMP (2FNC*P21A) SUCTION TEST	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-282	COOLING PMP (2FNC*P21B) SUCT PRESS IND	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-283	COOLING PMP (2FNC*P21A) SUCT PRESS IND	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-284	CLNG PUMP (2FNC*P21B) DISCH PRESS SW (	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-285	CLNG PUMP (2FNC*P21A) DISCH PRESS SW (	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-286	CLNG PUMP (2FNC*P21B) DISCH PRESS IND	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-287	CLNG PUMP (2FNC*P21A) DISCH PRESS IND	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-288	HEAT EXCHANGER (2FNC-E21B) INLET VENT	FULB	735-739			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-289	HEAT EXCHANGER (2FNC-E21A) INLET VENT	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-290	HEAT EXCHANGER (2FNC*E21B) VENT	FULB	735-739			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-291	HEAT EXCHANGER (2FNC*E21A) VENT	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-292	HEAT EXCHANGER (2FNC*E21B) DRAIN	FULB	735-739			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		

Table 4-3 Base List 2 - List of SSCs for Spent Fuel Pool

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 2	SSC Source	Screen 1 - Seismic Category 1 Category	Screen 2- Regularly Inspected? Inspected	Screen 3a - Variety of Types of Equip. EPRI 21 Categories	Screen 3b - Variety of Systems System	Screen 3c - Variety of Environments High Rad?	Moisture	Temp-erature	Inside?	Screen 3d - Major New & Replace-ment Equip.	Screen 4 - Cause Rapid Drain down
2FNC-293	HEAT EXCHANGER (2FNC*E21A) DRAIN	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-294	HEAT EXCHANGER (2FNC*E21B) OUTLET DRAI	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-295	HEAT EXCHANGER (2FNC*E21A) OUTLET DRAI	FULB	735-739			SFP	1	No	0. Other Manual Valve	FPCS	Yes	Damp	Warm	Yes		
2FNC-296	FLOW IND (2FNC-FI100) HIGH PRESS ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-297	FLOW IND (2FNC-FI100) LOW PRESS ISOL	FULB	735			SFP	1	No	0. Other Manual Valve	FPCS	No	Damp	Warm	Yes		
2FNC-E21B	FUEL POOL HEAT EXCHANGER	FULB	--			SFP	1	No	21. Tanks & Heat Exchangers	FPCS	Yes	Damp	Warm	Yes		
2FNC-EJM230B	2FNC-P21B SUCTION HEADER EXP JOINT	FULB	--			SFP	1	No	Expansion Joint	FPCS	Yes	Damp	Warm	Yes		
2FNC-P21B	FUEL POOL COOLING PUMP	FULB	729			IPEEE & SFP	1	No	5. Horizontal Pumps	FPCS	Yes	Damp	Warm	Yes		
2FNC-RV102	Relief Valve	FULB	735	-		SFP	1	No	0. Other	FPCS	No	Damp	Warm	Yes		
2FNC-TI101B	Temperature Indicator	FULB	--			SFP	1	No	19. Temperature Sensors	FPCS	No	Damp	Warm	Yes		
2FNC-TI102B	Temperature Indicator	FULB	--			SFP	1	No	19. Temperature Sensors	FPCS	No	Damp	Warm	Yes		
2SWS-124	SERVICE WATER SUPPLY HDR TO SPENT FUEL P	VLVP	718	B CUB -		PRA & SFP	1	No	0. Other Manual Valve	SWS	No	Dry	Warm	Yes		
2SWS-901	DRAIN ON SWS TO FUEL POOL	VLVP	718	CUB -		SFP	1	No	0. Other Manual Valve	SWS	No	Dry	Warm	Yes		
MCC-2-E04	480V MOTOR CONTROL CENTER	AXLB	755	FIG 3.8-32/SW		IPEEE, PRA, SFP	1	No	1. Motor Control Center	480V	No	Dry	Warm	Yes		

Table 4-4 SWEL 2 (Selected Equipment for Spent Fuel Pool)

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 2	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3a - Variety of Types of Equip.	Screen 3b - Variety of Systems	Screen 3c - Variety of Environments				Screen 3d - Major New & Replace-ment Equip.	Screen 4 - Cause Rapid Drain down
							Category	Inspected	EPRI 21 Categories	System	High Rad?	Moisture	Temp-erature	Inside?		
2CHS-FCV114A	PRIMARY GRADE WATER TO BORIC AICD BLENDER	AXLB	710	-BLENDER RM - 711 7' N LDR E OF WALK	Screens 1,2,3a,3b,3c	IPEEE & SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2CHS-HCV186	RCP SEAL HDR FLOW CONTROL	AXLB	718	-UPPER BLEN -721 2-AXLB-718-UPPER B	Screens 1,2,3a,3b,3c	IPEEE, PRA & SFP	1	No	7. Pneumatic-Operated Valves	CVCS	No	Dry	Warm	Yes		
2FNC-108	COOLING PUMP (2FNC*P21A) DISCHARGE CHE	FULB	735		Screens 1,2,3a,3b,3c	SFP	1	No	0. Other Check Valves	FPCS	Yes	Dry	Warm	Yes		
2FNC-E21A	FUEL POOL HEAT EXCHANGER	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	21. Tanks & Heat Exchangers	FPCS	Yes	Dry	Warm	Yes		
2FNC-EJM230A	2FNC-P21A SUCTION HEADER EXP JOINT	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	0. Other - Expansion Joint	FPCS	Yes	Dry	Warm	Yes		
2FNC-P21A	FUEL POOL COOLING PUMP	FULB	729		Screens 1,2,3a,3b,3c,3d	SFP	1	No	5. Horizontal Pumps	FPCS	Yes	Dry	Warm	Yes	ECP 07-0238-001 Replace seal return line	
2FNC-RV101	RELIEF VALVE	FULB	735	-	Screens 1,2,3a,3b,3c	SFP	1	No	0. Other	FPCS	No	Dry	Warm	Yes		
2FNC-TI101A	FUEL POOL HT EXCH 2FNC-E21A INLET TEMP	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	19. Temperature Sensors	FPCS	No	Dry	Warm	Yes		
2FNC-TI102A	FUEL POOL HX 21A DISCH TEMPERATURE IND	FULB	--		Screens 1,2,3a,3b,3c	SFP	1	No	19. Temperature Sensors	FPCS	No	Dry	Warm	Yes		
MCC-2-E03	480V MOTOR CONTROL CENTER FOR 2E3	AXLB	755	FIG 3.8-32/SW	Screens 1,2,3a,3b,3c	IPEEE, PRA & SFP	1	No	1. Motor Control Center	480V	No	Dry	Warm	Yes		

5.0 SEISMIC WALKDOWN AND AREA WALK-BYS

This section summarizes the activities prior to, during, and after performing the NTTF 2.3 seismic walkdown and area walk-bys. It also presents the results and findings of the walkdown and documents the checklists utilized to record the walkdown data.

It is concluded that the approach implemented to conduct the seismic walkdowns and area walk-bys satisfies the characteristics and recommendations outlined in EPRI Report 1025286. Therefore, by following these guidelines, the walkdown approach and format of the results documented herein fulfills the requests established in the NRC 50.54(f) letter, Enclosure 3, Recommendation 2.3: Seismic.

5.1 WALKDOWN PREPARATION

The overall procedure directly implements the EPRI guidelines. However, due to their unique nature, the following description gives special attention to the selection and execution of the configuration checks of selected anchorage. EPRI guidelines recommend that a minimum of 50 percent of the equipment considered in the walkdown be examined to document the existing anchorage configurations, and assess this configuration relative to the design basis. It also recommends that the block wall maps be retrieved to document previous evaluations in support of NTTF 2.3. However, with the exception of one block wall, Beaver Valley Power Station Unit 2 does not have any safety related masonry block walls associated with Seismic Category 1 components, thus the process to verify block wall adequacy per IE 80-11 has been omitted for this walkdown. It is noted that the seismic adequacy of one block wall mentioned above was confirmed from existing design calculations.

Prior to the walkdowns, the Seismic Walkdown Engineers (SWE) examined available plant documentation associated with anchorage design and correlated this to relevant SWEL components and the respective Seismic Walkdown Checklists (SWC) and Area Walk-By Checklists (AWC). This pre-walkdown activity contributed to gaining familiarity and critical insights regarding the components and areas to be walked down. The relevant design documentation, drawings and calculations were uploaded to each of the SWEs electronic tablets used during the walkdown with the intention of verifying, if required, any anchorage configuration.

5.2 NTTF 2.3 WALKDOWNS

The NTTF 2.3 walkdowns at Beaver Valley Unit 2 were performed over a duration of five days from September 17 to September 21, 2012 and a one day walkdown on October 5, 2012 for equipment that were inside the Containment building. During the walkdowns, the SWEs completed the walkdown checklists as SWEL components were inspected. Selected anchorage configurations were verified for 50% of the floor or wall mounted components on the SWEL with respect to design documentation, including anchorage design drawings and IPEEE calculations.

5.3 POST WALKDOWN ACTIVITIES

The primary activity after the walkdown involved compiling the SWCs and the AWCs. Additional documentation, such as design calculations and/or IPEEE submittals, were also reviewed to support configuration checks. Photographs taken during the walkdown were linked to the respective checklists. Some of the findings of the walkdown that could not readily be dispositioned during the walkdowns were evaluated further through additional calculation/modification package reviews for proper disposition. The post walkdown activity also developed this walkdown report.

6.0 SUMMARY OF THE WALKDOWN RESULTS

6.1 WALK DOWN ITEMS AND WALK-BY AREAS

The SWEL 1 included a total of 109 components, and SWEL2 included a total of 10 components. From this total of 119 components, 105 components were successfully walked down during the week of September 17 to September 21, 2012. The SWT returned to the site on Friday, October 5 and walked down the remaining 14 components located inside the Reactor Building. Table 6-1 and Table 6-2 identify the walkdown items and walk-by areas, respectively. The areas walk-by and the walkdown items are cross correlated on the respective SWCs and AWCs. Table 6-3 provides the list of equipment that was walked down.

Table 6-1: Beaver Valley 2 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equipment Class**	**Bldg**	**El**	**Area Description**
2CCP-27A	0d. Other-Check or Manual Valve	AXLB	735	N-EAST 2 AXLB 735
2CCP-4	0d. Other-Check or Manual Valve	AXLB	735	N-EAST 2 AXLB 735
2CCP-AOV107A	7. Pneumatic-Operated Valves	RCBX	718	RCBX 721-A RCP Pump Cub
2CCP-E21A	21. Tanks and Heat Exchangers	AXLB	710	AXLB 710 HX
2CCP-FT107A	18. Instrument (on) Racks	RCBX	718	RCBX 718
2CCP-MOV112A	8A. Motor-Operated Valves	RCBX	718	RCBX 718-Annulus
2CCP-MOV119	8A. Motor-Operated Valves	MSCV	773	IAC Room
2CCP-MOV150-1	8A. Motor-Operated Valves	MSCV	722	MSCV 718
2CCP-P21A	5. Horizontal Pumps	AXLB	735	N/EAST 2 AXLB 735
2CCP-PT107A	18. Instrument (on) Racks	RCBX	718	RCBX 718
2CCP-TK21A	21. Tanks and Heat Exchangers	AXLB	773	AXLB 773 Cool Surge Tank
2CHS-FCV114A	7. Pneumatic-Operated Valves	AXLB	710	AXLB 710
2CHS-HCV186	7. Pneumatic-Operated Valves	AXLB	718	AXLB 718
2CHS-LCV115B	8A. Motor-Operated Valves	AXLB	718	AXLB 718
2CHS-MOV310	8A. Motor-Operated Valves	RCBX	692	RCBX 692-Near Inner Stairs
2CHS-MOV8132A	8A. Motor-Operated Valves	AXLB	718	AXLB 718
2CHS-P21A	5. Horizontal Pumps	AXLB	735	AXLB-CP-735
2CHS-SOV206	8B. Solenoid Valves	AXLB	755	AXLB 755 Boric Acid TK Rm
2CHS-TK21A	21. Tanks and Heat Exchangers	AXLB	755	AXLB 755 Boric Acid TK Rm
2CVS-SOV102	8B. Solenoid Valves	MSCV	718	MSCV 718
2CVS-SOV151A	8B. Solenoid Valves	MSCV	718	MSCV 718
2DAS-AOV100A	7. Pneumatic-Operated Valves	RCBX	718	RCBX 718-PEN-724 COL 9
2EGF-LIS203A	18. Instrument (on) Racks	DGBX	732	EDG 2-1
2EGF-P21A	6. Vertical Pumps	DGBX	732	EDG 2-1
2EGF-TK22A	21. Tanks and Heat Exchangers	DGBX	732	EDG 2-1
2EGS-EG2-1	17. Engine Generators	DGBX	732	EDG 2-1
2FNC-108	0d. Other-Check or Manual Valve	FULB	729	FULB 729 PMP Room
2FNC-E21A	21. Tanks and Heat Exchangers	FULB	740	FULB 741 HX Room
2FNC-EJM230A	0d. Other-Check or Manual Valve	FULB	729	FULB 729 PMP Room
2FNC-P21A	5. Horizontal Pumps	FULB	729	FULB 729 PMP Room
2FNC-RV101	0d. Other-Check or Manual Valve	FULB	740	FULB 741 HX Room
2FNC-TI101A	19. Temperature Sensors	FULB	740	FULB 741 HX Room
2FNC-TI102A	19. Temperature Sensors	FULB	740	FULB 741 HX Room
2FWE-FE101A	18. Instrument (on) Racks	SFGB	741	SFGB 741 Cubicle A

Table 6-1: Beaver Valley 2 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equipment Class**	**Bldg**	**El**	**Area Description**
2FWE-HCV100D	7. Pneumatic-Operated Valves	SFGB	741	SFGB 741 Cubicle C
2FWE-P22	5. Horizontal Pumps	SFGB	718	SFGD 718
2FWE-P23A	5. Horizontal Pumps	SFGB	718	SFGD 718
2FWS-FCV478	7. Pneumatic-Operated Valves	SRVB	780	SRVB 780
2FWS-FCV479	7. Pneumatic-Operated Valves	SRVB	780	SRVB 780
2FWS-HYV157A	7. Pneumatic-Operated Valves	MSCV	773	Main Steam Room El 778
2FWS-LT477F	18. Instrument (on) Racks	RCBX	718	RCBX 718-Annulus
2HVC-ACU201A	10. Air Handlers	CNTB	735	CNTB 735-AC Room
2HVD-DMP201A	7. Pneumatic-Operated Valves	DGBX	759	EDG 2-1 Upstairs
2HVD-DMP22A	7. Pneumatic-Operated Valves	DGBX	759	EDG 2-1 Upstairs
2HVD-FN270A	9. Fans	DGBX	759	EDG 2-1 Upstairs
2HVP-CLC265A	10. Air Handlers	AXLB	755	AXLB 755-MCC Room
2HVR-ACU207A	10. Air Handlers	SFGB	741	SFGD 741-PLAT
2HVR-TI228	19. Temperature Sensors	CNTB	735	Control Room
2HVR-TI228-1	19. Temperature Sensors	CNTB	735	Control Room
2HVW-FN257A	9. Fans	INTS	705	Intake Cubicle C
2HVW-MOD21A	7. Pneumatic-Operated Valves	INTS	705	Intake Cubicle D
2HVZ-DMP215A	7. Pneumatic-Operated Valves	MSCV	773	SWGR Vent Room 773
2HVZ-FN261A	9. Fans	MSCV	773	SWGR Vent Room 773
2HVZ-FN261B	9. Fans	MSCV	773	SWGR Vent Room 773
2MSS-AOV101A	7. Pneumatic-Operated Valves	MSCV	773	Main Steam Room El 789
2MSS-SOV105A	8B. Solenoid Valves	MSCV	773	Main Steam Room El 789
2MSS-SV101A	0d. Other-Check or Manual Valve	MSCV	773	Main Steam Rm Upper Plat.
2QSS-297	0d. Other-Check or Manual Valve	YARD	730	Yard
2QSS-MOV100A	8A. Motor-Operated Valves	SFGB	718	SFGD 718 UP
2QSS-MOV101A	8A. Motor-Operated Valves	SFGB	718	RSS Cubicle
2RCS-AOV101	7. Pneumatic-Operated Valves	MSCV	718	MSCV 718
2RCS-PT440	18. Instrument (on) Racks	MSCV	740	MSCV East 735
2RHS-E21B	21. Tanks and Heat Exchangers	RCBX	707	RCBX 707
2RHS-HCV758A	7. Pneumatic-Operated Valves	RCBX	692	RCBX 707
2RHS-MOV702A	8A. Motor-Operated Valves	RCBX	718	RCBX 718-A RCP Pump
2RHS-MOV720A	8A. Motor-Operated Valves	RCBX	718	RCBX 718-B RCP Pump
2RHS-P21A	6. Vertical Pumps	RCBX	707	RCBX 707
2RHS-RV721A	0d. Other-Check Manual Valve	RCBX	692	RCBX 707
2RSS-TI150A	19. Temperature Sensors	CNTB	735	Control Room

Table 6-1: Beaver Valley 2 NTTF 2.3 Walkdown Items (SWEL 1+2)

Equipment ID No	Equipment Class	Bldg	El	Area Description
2SIS-1	0d. Other-Check or Manual Valve	SFGB	718	SFGD 718
2SIS-67	0d. Other-Check or Manual Valve	RCBX	718	RCBX 718-Annulus Col 4
2SIS-MOV863A	8A. Motor-Operated Valves	SFGB	718	SFGD 718 West
2SIS-MOV867A	8A. Motor-Operated Valves	AXLB	710	AXLB 710 Boron Tank
2SIS-MOV8811A	8A. Motor-Operated Valves	SFGB	718	SFGD 718 West
2SIS-P21A	5. Horizontal Pumps	SFGB	718	SFGD 718
2SVS-HCV104	7. Pneumatic-Operated Valves	MSCV	773	Main Steam Room El 778
2SVS-PCV101A	0d. Other-Check or Manual Valve	MSCV	773	Main Steam Room Upper Plat.
2SWS-57	0d. Other-Check or Manual Valve	INTS	705	Intake Cubicle D
2SWS-EJM221A	0. Other	INTS	705	Intake Cubicle C
2SWS-MOV104A	8A. Motor-Operated Valves	SFGB	718	SFGD 718 West
2SWS-MOV106A	8A. Motor-Operated Valves	VLVP	718	Valve Pit A
2SWS-MOV113A	8A. Motor-Operated Valves	DGBX	732	EDG 2-1
2SWS-P21A	6. Vertical Pumps	INTS	705	Intake Cubicle D
2SWS-PCV118	7. Pneumatic-Operated Valves	INTS	705	Intake Cubicle C
2SWS-PT-113A	18. Instrument (on) Racks	VLVP	718	Valve Pit A
2SWS-PT-117A	18. Instrument (on) Racks	INTS	705	Intake Cubicle D
480VUS-2-8	2. Low Voltage Switchgear	SRVB	730	Emerg SWGR AE
480VUS-2-9	2. Low Voltage Switchgear	SRVB	730	Emerg SWGR DF
4KVS-2AE	3. Medium Voltage Switchgear	SRVB	730	Emerg SWGR AE
4KVS-2DF	3. Medium Voltage Switchgear	SRVB	730	Emerg SWGR DF
52-BYA	2. Low Voltage Switchgear	MSCV	755	CV&RC Area-Reac-2T-SWGR
52-RTA	2. Low Voltage Switchgear	MSCV	755	CV&RC Area-Reac-2T-SWGR
BAT-2-1	15. Battery Racks	SRVB	730	Battery Room 2-1
BAT-CHG2-1	16. Battery Chargers and Inverters	SRVB	730	Emerg SWGR AE
BAT-CHG2-3	16. Battery Chargers and Inverters	SRVB	730	Emerg SWGR AE
DC-SWBD2-1	2. Low Voltage Switchgear	SRVB	730	Emerg SWGR AE
MCC-2-E01	1. Motor Control Centers	INTS	705	Intake Cubicle D
MCC-2-E03	1. Motor Control Centers	AXLB	755	AXLB 755-MCC Room
MCC-2-E05	1. Motor Control Centers	MSCV	735	MSCV West
MCC-2-E07	1. Motor Control Centers	DGBX	732	EDG 2-1
MCC-2-E09	1. Motor Control Centers	CNTB	707	Control BLDG MCC
MCC-2-E11	1. Motor Control Centers	SFGB	737	SFGD 737
PNL 2DIGEN-1	20. Instrument and Control Panels	DGBX	732	EDG 2-1
PNL DC2-07	14. Distribution Panels	SRVB	730	Emerg SWGR AE

Table 6-1: Beaver Valley 2 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equipment Class**	**Bldg**	**El**	**Area Description**
PNL DC2-19	14. Distribution Panels	SRVB	730	Emerg SWGR AE
PNL-2BLG-SER	20. Instrument and Control Panels	CNTB	735	Control Room
PNL-2RPU-A	20. Instrument and Control Panels	CNTB	707	CNTB 707
PNL-SEQ-244	20. Instrument and Control Panels	SRVB	730	Emerg SWGR AE
PNL-VITBS2-1A	14. Distribution Panels	CNTB	707	CNTB 707 SW Corner
PNL-VITBS2-2C	14. Distribution Panels	CNTB	735	Control Room
2QSS-LT 104A	18. Instrument (on) Racks	YARD	730	Yard
RK-2AUX-REL-C	20. Instrument and Control Panels	CNTB	707	CNTB 707
RK-2PRI-PROC-1	20. Instrument and Control Panels	CNTB	707	CNTB 707
RK-2PRI-PROC-2	20. Instrument and Control Panels	CNTB	707	CNTB 707
RK-2SEC-PROC-A	20. Instrument and Control Panels	CNTB	707	CNTB 707
RK-2NUC-INS	20. Instrument and Control Panels	CNTB	735	Control Room
TRF-2-8N	4. Transformers	SRVB	730	Emerg SWGR AE
UPS-VITBS2-1	16. Battery Chargers and Inverters	SRVB	730	Emerg SWGR AE
UPS-VITBS2-1-REG	4. Transformers	SRVB	730	Emerg SWGR AE

Table 6-2: Beaver Valley 2 NTTF 2.3 Walk-By Areas		
Area	**Bldg**	**Floor El**
AXLB 710	AXLB	710
AXLB 710 Boron Tank	AXLB	710
AXLB 710 HX	AXLB	710
AXLB 718	AXLB	718
AXLB 755 Boric Acid TK Room	AXLB	755
AXLB 755-MCC Room	AXLB	755
AXLB 773 Cool Surge Tank	AXLB	773
AXLB-CP-735	AXLB	735
Battery Room 2-1	SRVB	730
CNTB 707	CNTB	707
CNTB 707 SW Corner	CNTB	707
CNTB 735-AC Room	CNTB	735
Control BLDG MCC	CNTB	707
Control Room	CNTB	735
CV&RC Area-Reac-2T-SWGR	MSCV	755
EDG 2-1	DGBX	732
EDG 2-1 Upstairs	DGBX	759
Emerg SWGR AE	SRVB	730
Emerg SWGR DF	SRVB	730
FULB 729 PMP Room	FULB	729
FULB 741 HX Room	FULB	741
IAC Room	MSCV	773
Intake Cubicle C	INTS	705
Intake Cubicle D	INTS	705
Main Steam Room El 778	MSCV	778
Main Steam Room El 789	MSCV	789
Main Steam Room Upper Plat.	MSCV	773
MSCV 718	MSCV	718
MSCV East 735	MSCV	735
MSCV West	MSCV	735
N-EAST 2 AXLB 735	AXLB	735
RCBX 692-Near Inner Stairs	RCBX	692
RCBX 707	RCBX	707
RCBX 718	RCBX	718
RCBX 718-A RCP Pump	RCBX	718
RCBX 718-Annulus	RCBX	718

Table 6-2: Beaver Valley 2 NTTF 2.3 Walk-By Areas		
Area	**Bldg**	**Floor El**
RCBX 718-Annulus Col 4	RCBX	718
RCBX 718-B RCP Pump	RCBX	718
RCBX 718-PEN-724 COL 9	RCBX	718
RCBX 721-A RCP Pump Cubicle	RCBX	721
RSS Cubicle	SFGB	718
SFGB 741 Cubicle A	SFGB	741
SFGB 741 Cubicle C	SFGB	741
SFGD 718	SFGB	718
SFGD 718 UP	SFGB	718
SFGD 718 West	SFGB	718
SFGD 737	SFGB	737
SFGD 741-PLAT	SFGB	741
SRVB 780	SRVB	780
SWGR Vent Room 773	MSCV	773
Valve Pit A	VLVP	718
Yard	YARD	730

Table 6-3: Beaver Valley 2 NTTF 2.3 Components Categorized by EPRI Classes

EPRI Cat No.	Equipment Description	Components Walked Down
0	Other	13
1	Motor Control Centers and Wall-Mounted Contactors	6
2	Low Voltage Switchgear and Breaker Panels	5
3	Medium Voltage, Metal-Clad Switchgear	2
4	Transformers	2
5	Horizontal Pumps	6
6	Vertical Pumps	3
7	Pneumatic-Operated Valves	17
8	Motor-Operated and Solenoid-Operated Valves	20
9	Fans	4
10	Air Handlers	3
11	Chillers	0
12	Air Compressors	0
13	Motor Generators	0
14	Distribution Panels and Automatic Transfer Switches	4
15	Battery Racks	1
16	Battery Chargers and Inverters	3
17	Engine Generators	1
18	Instrument (on) Racks	9
19	Temperature Sensors	5
20	Instrumentation and Control Panels	9
21	Tanks and Heat Exchangers	6
	Total	***119***

6.2 WALK DOWN AND AREA WALK-BY FINDINGS

The examination of walkdown items and observations in area walk-bys confirms the general seismic robustness of the design and installation. The plant is well maintained and no major issues related to potentially adverse conditions were uncovered. In general, based on the number of minor potentially adverse seismic conditions identified during the walkdown, it can be concluded that most components and areas were found to be in good condition and that no major degraded or design non-conformances were identified. Generally, the nature of the potentially adverse conditions is related to mild corrosive conditions, responsiveness for old deficiency tags and minor discrepancies between existing and as-designed conditions.

Several relatively minor findings are reported here. Observations in this respect are organized on the basis of potentially adverse seismic conditions identified during both Seismic walkdowns and area walk-bys.

6.2.1 Seismic Walkdown Findings

The following section presents potentially adverse seismic conditions and findings identified during the Seismic walkdowns. A total of 7 potentially adverse seismic conditions were identified during the Seismic walkdowns. Table 6-4 provides a summary of all 7 adverse finding conditions identified. As shown in Table 6-4, six condition reports were issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation is not required are provided in the Component's respective SWC provided in Appendix B.

Table 6-4: Potentially Adverse Seismic Conditions Identified from Seismic Walkdowns

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
2SWS-P21A	6. Vertical Pumps	Corroded bolts for Vertical Pump 2SWS-P21A.	Yes	CR-2012-14408
2SWS-MOV113A	8A. Motor-Operated Valves	Deficiency tag for leakage in packing of MOV113A	Yes	CR-2012-14409
MCC-2-E11	1. Motor Control Centers	Unrestrained 55 gallon drum located near MCC	Yes	CR-2012-14420

Table 6-4: Potentially Adverse Seismic Conditions Identified from Seismic Walkdowns

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
PNL-SEQ-244	20. Instrument and Control Panels	Interaction potential between lighting fixture and PNL-SEQ-244	Yes	CR-2012-14463
2QSS-LT104A	18. Instrument (on) Racks	Corrosion identified on enclosure and anchorage of component 2QSS-LT104A	Yes	CR-2012-14744
2QSS-297	0. Other – Check or Manual Valve	Corrosion identified on yoke of manual valve 2QSS-297	Yes	CR-2012-14749
2FNC-P21A 2FNC-E21A	5. Horizontal Pumps 21. Tanks and Heat Exchangers	Substantial unsupported span between discharge nozzle for Pump 2FNC-P21A and inlet nozzle for Heat Exchanger 2FNC-E21A.	No	SWC for 2FNC-P21A & 2FNC-E21A

The following section provides additional insight into generally found scenarios and subsequently resolved conditions.

- ***Outage maintenance equipment located inside Reactor Building***

Several carts, storage boxes and general housekeeping equipment were identified in areas walked by inside the containment building. It was noted that most of the carts and storage boxes in the area were properly restrained while others, such as ladders and maintenance tools, were not. It was confirmed by plant personnel that the nature of any unrestrained equipment identified in different areas was due to the works being performed as part of the ongoing plant outage in conformance with the plant house keeping requirements.

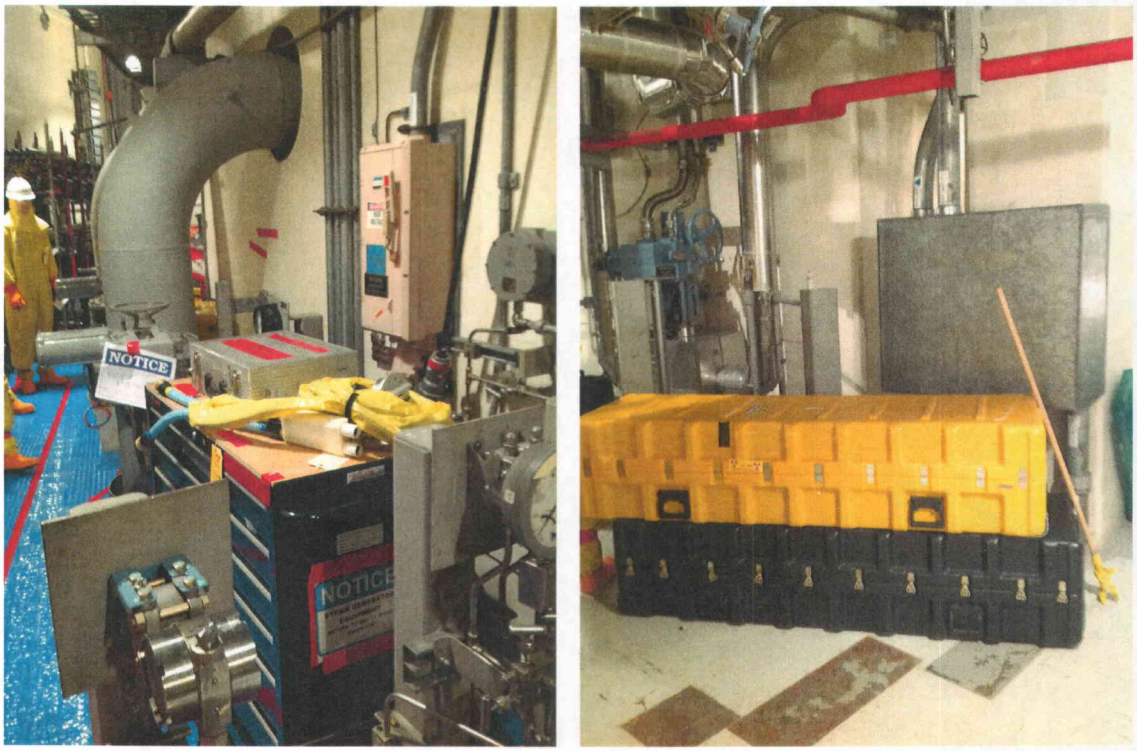

Figure 6-1: Maintenance equipment located inside Reactor Containment Building

- ***Corrosion identified on inspected Yard Components***

A corrosive state was identified for components inspected in the Yard area. A corrosion condition was identified for the anchorage of the level transmitter 2QSS-LT104A. A corrosive state was also identified on the yoke of the manual valve 2QSS-297. Both of these components are located outside in the yard area near the RWST 2QSS-TK21 at elevation 734'. Notification No. 600788283 was initiated in order to restore the condition of these components (see also condition reports CR-2012-14744 and CR-2012-14749).

Figure 6-2: Corrosive condition found for Yard components

- ***Substantial unsupported pipe length between pump 2FNC-P21A and HX 2FNC-E21A***

While performing the walkdowns in the Spent Fuel Building, the SWT identified a long span of piping between the Pump 2FNC-P21A discharge nozzle and the Heat Exchanger 2FNC-E21A inlet nozzle that did not have any lateral restraints. After further discussion regarding this finding, the SWT was informed that this portion of the Spent Fuel piping system is not seismic category 1. Nevertheless, pipe stress calculations for this piping were identified, which showed seismic adequacy of the piping and nozzles.

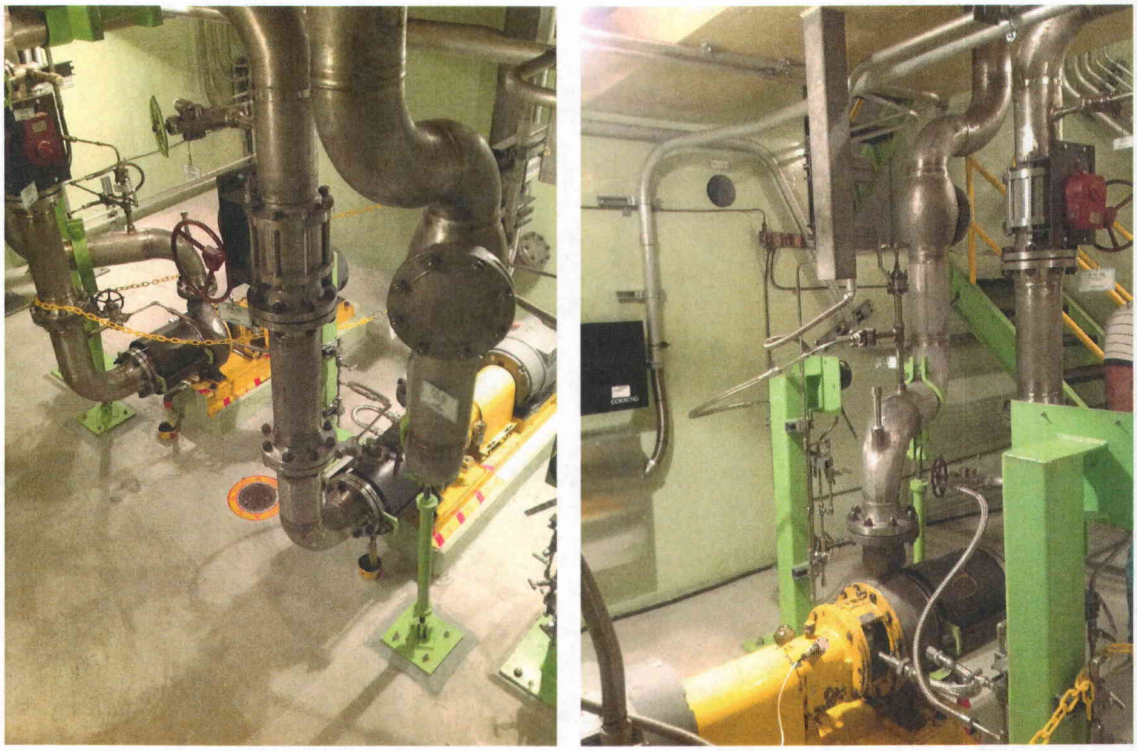

Figure 6-3: View of piping system between Heat Exchangers and Pumps in the SFP area.

- ***Interaction potential between lighting fixture and Panel PNL-SEQ-244***

The SWT identified a potential for interaction between a chain hung lighting fixture and control panel PNL-SEQ-244 located in the Emergency Switchgear AE at elevation 730'. Lighting fixtures are located near the top of the panel which, during a seismic event, could potentially swing and hit the top section of the panel. Condition report CR-2012-14463 was issued to correct this impact concern.

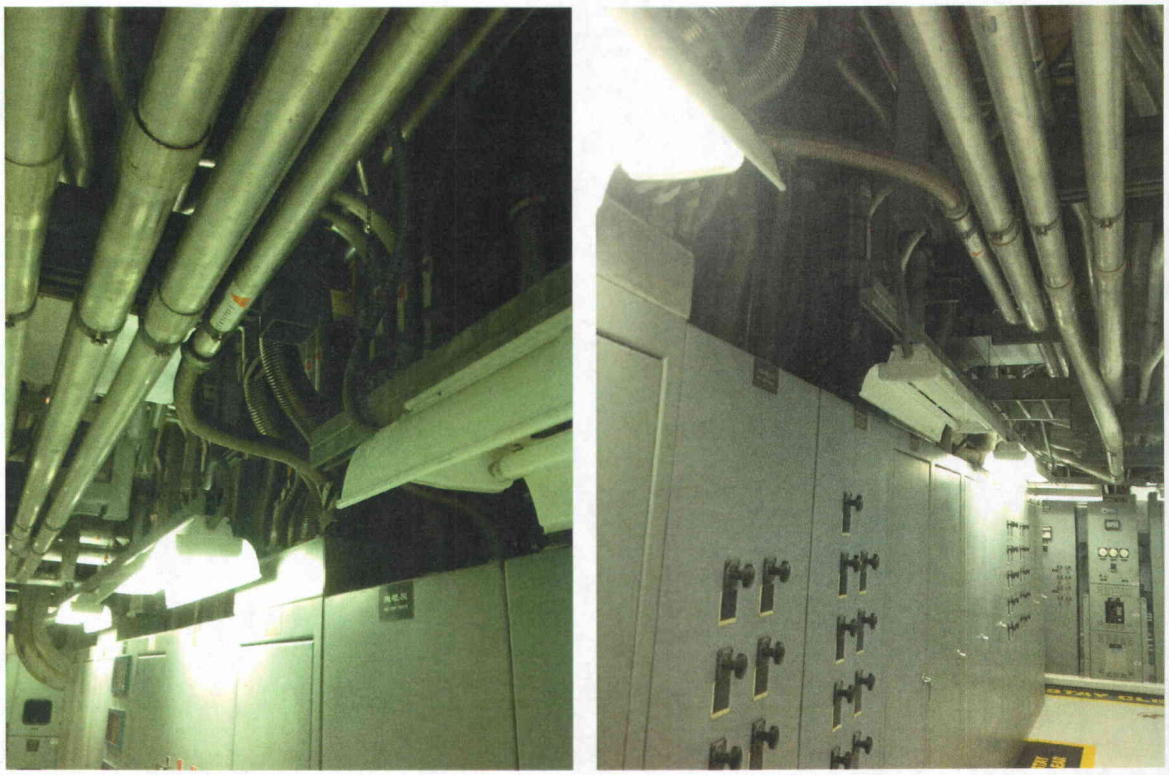

Figure 6-4: Lighting fixtures near Panel PNL-SEQ-244

6.2.2 Area Walk-By Findings

The following section presents potentially adverse seismic conditions and findings identified during the area walk-bys. A total of 7 potentially adverse seismic conditions were identified during the area walk-bys. Table 6-5 provides a summary of all 7 potentially adverse seismic conditions identified. As shown in Table 6-5, six condition reports were issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation is not required are provided in the Area's respective AWCs provided in Appendix C.

Table 6-5: Potentially Adverse Seismic Conditions Identified from Area Walk-Bys

Area	Bldg	Floor El	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
Valve Pit A	VLVP	718	Deficiency tag for component 2SWM-MOV562.	Yes	CR-2012-14412
MSCV 718	MSCV	718	Deficiency tag for component 2SWS-MOV160.	Yes	CR-2012-14449
MSCV 718	MSCV	718	Deficiency tag for component 2SWS-MOV162.	Yes	CR-2012-14450
MSCV 718	MSCV	718	Deficiency tag for component 2SWS-MOV152-1.	Yes	CR-2012-14452
MSCV 718	MSCV	718	Corroded bolts on valve 2SWS-MOV161.	Yes	CR-2012-14455
AXLB 710 HX	AXLB	710	Corroded flange nuts for nozzle outlet of component 2CCP-E21C.	Yes	CR-2012-14459
EDG 2-1 Upstairs	DGBX	759	EDG Resistor Bank supported on 4 porcelain feet.	No	AWC for EDG 2-1 Upstairs

- ***Emergency Diesel Generator Ground Resistor 2EGS-GR2-1***

While performing the area walk-by for the Diesel Generator Building 2-1, SWEs identified Resistor 2EGS-GR2-1 to be mounted on 4 porcelain feet and not top braced. The SWT discussed the possibility of an electrical safety concern if there were current running through the resistor bank at the time of an earthquake. Since this equipment is only used for periodic testing and is not Category 1 equipment, SWE's judged the configuration to be adequate and not to present a seismic concern.

Figure 6-5: Emergency Diesel Generator Ground Resistor 2EGS-GR2-1

6.3 CONFIGURATION CHECKS

The SWELL 1+2 included 70 items, which were not in-line components such as valves. The process of verifying the anchorage configuration focused on 35 SWEL components arbitrarily selected prior to walkdown proceedings (this is 50% of the SWEL items with anchorage configurations). Appendix D provides a list of the 35 components comprising the anchorage configuration list linked with the specific references used for verification purposes; i.e., IPEEE Calculations, design drawings, etc.

The anchorage configuration for each of the 35 SWEL components listed in Appendix D was verified based on IPEEE Calculations and Plant Design documentation. SWEs referred to design drawings as the main reference for anchorage verification whenever it was possible to have a complete field inspection of the anchorage. The design drawings were uploaded onto electronic tablets for quick accessibility during the walkdowns and verification of the as-installed configuration against the design drawings. In cases where design basis drawings were not readily identifiable, SWEs referred to previous IPEEE Calculations to ensure that the configuration was assessed during the IPEEE program and no design concerns were identified. These configuration checks verified consistency of as-installed conditions to that of the design drawings/calculations in all 35 instances.

7.0 LICENSING BASIS EVALUATION

Thirteen condition reports (CR) were generated as a result of these walkdowns. The following is a list of the condition reports written as a result of the walkdowns: CR-2012-14408, CR-2012-14409, CR-2012-14412, CR-2012-14420, CR-2012-14449, CR-2012-14450, CR-2012-14452, CR-2012-14455, CR-2012-14459, CR-2012-14463, CR-2012-14744, CR-2012-14749, and CR-2012-14758. The following summarizes the condition and resolution to the condition reports written as a result of the walkdowns.

CR-2012-14408
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that two out of twelve nuts for the bolts anchoring the Service Water Pump 2SWS*P21A base to the anchor plate are corroded. This pump is located inside the Intake Structure at elevation 705' Cubicle D.

Observation concluded that there is only surface rust on the bolts and the nuts. Even though they are corroded, they are capable to perform their intended design function based on engineering judgment. The two nuts are located near each other are readily visible as mildly corroded. No calculations or drawings are affected since the nuts are able to perform the intended function.

To avoid further degradation of the nuts due to presence of moist environment, the nuts should be replaced in the next system window and painted to mitigate corrosion. Initiated Notification No. 600786691 to perform the work to be done under Work Order 200530757.

CR-2012-14409
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a Deficient Tag (Tag ID 117472) for Component 2SWS-MOV113A has been in place with no date on it and no physical work performed to correct the deficiency. This motor operated valve is located inside the Diesel Building (DGBX) at elevation 732'. The deficient tag says "Leakage in Packing." This leakage has also resulted in the corrosion of packing nuts.

Observation concluded that there is only surface rust on the bolts and the nuts even though they are corroded are capable to perform their intended design function based on engineering judgment. No calculations or drawings are affected since the nuts are able to perform the intended function.

To avoid futher degradation of the nuts, the nuts should be replaced in the next system window and painted to mitigate corrosion. Initiated Notification No. 600786692 to perform the work under Work Order 200481347.

CR-2012-14412
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a Deficient Tag (Tag ID 63005) for Component 2SWM-MOV562 has been in place since 2007, and no physical work performed to correct the deficiency. This motor operated valve is located inside the Valve Pit Room at elevation 718'. The deficient tag says "Valve has rust and needs to be cleaned/painted."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

To avoid further degradation of the valve due to corrosion, the corrosion should be cleaned/painted during the next system window. Initiated Notification 600786690 to perform the work under Work Order 200416834.

CR-2012-14420
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a 55 gallon drum was located too close to MCC-2-E11 and was unrestrained. The component is located at El 737' in U-2 Safeguard Building. This posed a seismic interaction concern that during a seismic event it had the potential to hit the MCC and potentially impact the design function of inside components.

This condition has been corrected and this CR was generated to document an existing condition that was identified during the seismic walkdowns. Currently no anomaly exists as such there are no operability concerns, and thus no violations of the design basis requirements.

CR-2012-14449
It was observed that Component 2SWS-MOV160 had a Deficient Tag (Tag ID 47014) and no physical work performed to correct the deficiency. This motor operated valve is located inside the MSCV Room at elevation 718'. The deficient tag says "Surface rust to be cleaned and preserved."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since surface rust doesn't affect the function or the valve.

Implement field work per Initiated Notification No. 600786757 to avoid further degradation of valve. Work to be done under Work Order 200531116.

CR-2012-14450
It was observed that Component 2SWS-MOV162 has corrosion on the valve from yoke to the bonnet. This motor operated valve is located inside the MSCV Room at elevation 718'.

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

Clean the rust/corrosion per Initiated Notification No. 600786758 to perform the work. Work to be done under Work Order 200531117.

CR-2012-14452
It was observed that Component 2SWS-MOV152-1 had a Deficient Tag (Tag ID 47016) and no physical work performed to correct the deficiency. Corrosion extends from yoke to bonnet. This motor operated valve is located inside the MSCV Room at elevation 718'. The deficient tag says "Corrosion (Surface Rust) on the valve body at packing gland."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

Implement field work per Initiated Notification No. 600786761 to perform the work. Work to be done under Work Order 200531158.

CR-2012-14455
It was observed that the four bolts and nuts connecting the yoke to the bonnet for Component 2SWS-MOV161 are mildly corroded. This motor operated valve is located inside the MSCV Room at elevation 718'.

Observation concluded that there is only surface rust on the bolts as well as the nuts and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since they are able to perform the intended function.

Recommend during the next available Maintenance Window, to replace the four nuts/bolts connecting the yoke to bonnet per Notification No. 600786762 to perform the work. Work to be done under Work Order 200531159.

CR-2012-14459
It was observed that the flange nuts at outlet nozzle for Component 2CCP-E21C are mildly corroded. This heat exchanger is located at elevation 710' in Aux Building.

Observation concluded that there is only surface rust on the nuts and the component is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since they are able to perform the intended function.

Recommend during the next available Maintenance Window, to replace the flange nuts at outlet nozzle of heat exchanger per Notification No. 600786796 to perform the work. Work to be done under Work Order 200531161.

CR-2012-14463
There is a potential seismic interaction concern associated with Panel PNL-SEQ-244 located at El. 730' in Service Building, Emergency Switchgear AE. Specifically, right near the top of this panel, there are lighting fixtures supported from unistruts hung from chains above. During a seismic event, there is a potential for these lighting fixtures to rattle and hit the top of safety related panel.

Observation concluded that the impact force from these lighting fixtures on the panel, considering the weight of lighting fixtures and unistrut, will have insignificant impact on the components inside the panel and they will perform their intended design function, by engineering judgment. However, this CR is being generated as an enhancement to consider upgrading the condition and restraining the unistrut supporting the lighting fixture such that it would not hit the panel.

No calculations or drawings are affected since the components are able to perform the intended function safely.

CR-2012-14744
The enclosure and the anchorage for Component 2QSS-LT104A is corroded. This component is located outside in the yard near RWST 2QSS-TK21 at elevation 734'. The corrosion does not affect the structural integrity of the component. The design basis requirements are still being met.

Replace the enclosure and the anchorage per Notification No. 600788282 to replace the enclosure. Work to be done under Work Order 200532069.

CR-2012-14749
The yoke for the manual valve 2QSS-297 is corroded. This component is located outside in the yard near RWST 2QSS-TK21 at elevation 734'. The component is still capable to perform its intended design function.

Replace the yoke per Notification No. 600788283 to replace the yoke, under Work Order 200532070.

CR-2012-14758
This CR has been generated to capture all the issues in one condition report (roll-up CR) that have been identified during NRC 50.54f Letter Section 2.3 Seismic walkdowns performed at Beaver Valley Unit-2 Plant during the week of September 17, 2012.

There are no new anomalies identified in this CR as individual CRs have already been generated as required and as identified in the attached matrix, as such there are no operability concerns associated with this CR.

8.0 IPEEE VULNEARBILITIES

There were no seismic vulnerabilities identified in the IPEEE submittal for Beaver Valley units 1 or 2. This was recognized by the NRC in NUREG-1437 Supplement 36 "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 36, Regarding Beaver Valley Power Station Units 1 and 2." Page G20 and 21 states "The NRC staff also notes that the use of the integrated PSA to facilitate identification of SAMAs for external events, the prior

implementation of plant modifications for seismic and fire events, and the absence of external event vulnerabilities ensure that the search for external event SAMAs was reasonably comprehensive."

Several submittals to the NRC covered IPEEE enhancements, but none would be classified as vulnerabilities. Tables identifying IPEEE vulnerabilities are essentially based on these enhancements and the enhancements were incorporated into the walkdown component selection to the extent possible.

9.0 PEER REVIEW

A peer review of the Submittal Report for the Near Term Task Force NTTF Recommendation 2.3 "Seismic Walkdowns" was performed using the guidance provided in Section 6 of EPRI Document 1025286, "Seismic Walkdown Guidance." Following are the peer reviewers for the Beaver Valley Power Station Unit-2:

- Mohammed Alvi (Team Leader)
- John Reddington

The peer review process included the following activities:

- Review the selection of the SSCs included on the SWEL
- Review a sample of the checklists prepared for the seismic walkdowns and area walk-bys
- Review the Licensing Basis Evaluations
- Review the decisions for entering the potentially adverse conditions into the Corrective Action Program (CAP).
- Review the submittal report
- Summarize the results of the peer review process in the submittal report

A. Review the Selection of the SSCs Included on the SWEL:

The peer review concluded that the selection of Seismic Walkdown Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286 "Seismic Walkdown Guidance." The peer reviewers used the checklist provided in Appendix F of this document which is enclosed. Also, an ex-Senior Reactor Operator (SRO) from the Beaver

Valley Power Station, Unit-2 acted as Operations representative during the selection of the SWEL.

Appropriate figures 1-1, 1-2 and 1-3 of the EPRI Document 1025286 were used and the final SWEL 1 and SWEL 2 were developed.

The peer review confirmed that the following EPRI screens were used in the selection of SWEL 1:

Screen 1: Seismic Category I
Screen 2: Equipment or System
Screen 3: Support for the five safety functions
Screen 4: Sample Considerations

The station did use the existing documentation that resulted from IPEEE program in identifying the components. A matrix/spreadsheet was prepared that identifies all the selected components on SWEL 1 and SWEL 2. It was confirmed that these two lists did include a variety of type of systems, major new and replacement equipment, a variety of equipment types, a variety of environments in which the components are located, and the equipment enhanced due to vulnerabilities identified during the IPEEE program.

It was confirmed that the size of the sample was sufficiently large to include a variety of items that collectively included variations within all the attributes stated in the paragraph above. SWEL 1 for the Beaver Valley Power Station, Unit-2 included 109 components.

The peer review also confirmed that the station used the following EPRI screens in the development of SWEL 2:

Screen 1: Seismic Category I
Screen 2: Equipment or System
Screen 3: Sample Considerations
Screen 4: Rapid Drain-Down

Similar process was used in the development of SWEL 2 as for SWEL 1. SWEL 2 for the Beaver Valley Power Station, Unit-2 included 10 components.

Conclusion: No major concerns were identified by the peer review team in the selection process for SWEL 1 or SWEL 2.

Peer Review Checklist for SWEL

Instructions for Completing Checklist

This peer review checklist may be used to document the review of the Seismic Walkdown Equipment List (SWEL) in accordance with Section 6: Peer Review. The space below each question in this checklist should be used to describe any findings identified during the peer review process and how the SWEL may have changed to address those findings. Additional space is provided at the end of this checklist for documenting other comments.

1. Were the five safety functions adequately represented in the SWEL 1 selection? Y ☒ N ☐

See Attached Comments

2. Does SWEL 1 include an appropriate representation of items having the following sample selection attributes:

a. Various types of systems? Y ☒ N ☐
See Attached Comments

b. Major new and replacement equipment? Y ☒ N ☐

See Attached Comments

c. Various types of equipment? Y ☒ N ☐

See Attached Comments

d. Various environments? Y ☒ N ☐
See Attached Comments

e. Equipment enhanced based on the findings of the IPEEE (or equivalent) program? Y ☒ N ☐

See Attached Comments

f. Were risk insights considered in the development of SWEL 1? Y ☒ N ☐

See Attached Comments

Peer Review Checklist for SWEL

3. For SWEL 2:

a. Were spent fuel pool related items considered, and if applicable included in SWEL 2? Y ☒N☐

See Attached Comments

b. Was an appropriate justification documented for spent fuel pool related items not included in SWEL 2? Y ☒N☐

See Attached Comments

4. Provide any other comments related to the peer review of the SWELs.

See Attached Comments

5. Have all peer review comments been adequately addressed in the final SWEL? Y ☒N☐

Peer Reviewer ~~#1~~: _____ Date: 10-18-12

Peer Reviewer #2: _____ Date: 10/18/12

Peer Review Checklist for SWEL

Comments on Question 1:

A peer review of the SWEL selected for the Beaver Valley Power Station, Unit-2 was performed to confirm that the selected components met the criteria set forth in Section 3 of EPRI Guidance Document 1025286. Specifically, Screen 3 calls out for assuring that the selected components represent are well associated with the five safety functions that are as follows:

A. Reactor Reactivity Control
B. Reactor Coolant Pressure Control
C. Reactor Coolant Inventory Control
D. Decay Heat Removal
E. Containment Function

The selected components represent the five safety functions stated above. A spreadsheet (Table 4-1) was prepared that documents this information.

Comments on Question 2a:

The selected components represent various types of systems in the plant as indicated below:

A. Primary Plant Component Cooling Water
B. Chemical and Volume Control System
C. 125V DC Power
D. Containment Vacuum and Leakage Monitoring System
E. Reactor Plant Vents and Drains
F. 4 KV Station Service System
G. Steam Generator Feedwater System
H. Air Ventilation System Misc
I. 120V AC Power
J. Main Steam System
K. Plant Process Control System
L. 480V AC Power
M. Containment Depressurization System
N. Reactor Coolant System
O. Safety Injection System
P. Service Water System
Q. Residual Heat Removal
R. Reactor Control and Protection System

S. In Core Instrumentation System

Comments on Question 2b:

The selected components represent many new and replacement equipment based on the following modifications:

A. ECP 12-0242-001: Replace Heat Exchanger
B. ECP 11-0165-001: Air Tube Replacement
C. ECP 08-0504-025: Replace Stem/Spline Key
D. ECP 07-0259-003: Motor Adapter Plate Modification
E. ECP 05-009-001: Replace Battery Charger
F. ECP 05-009-003: Replace Battery Charger
G. ECP 02-0902: Replace Feedwater Control Valve

Comments on Question 2c:

The peer review concluded that the selected components represent various type of equipment installed in the plant. The various equipment types are indicated as follows:

A. Tanks and Heat Exchangers
B. Low Voltage Switchgear
C. Medium Voltage Switchgear
D. Battery Racks
E. Battery Chargers and Inverters
F. Horizontal Pumps
G. Distribution Panels
H. Engine Generators
I. Pneumatic Operated Valves
J. Check and Manual Valves
K. Instrument on Racks
L. Motor Control Centers
M. Motor Operated Valves
N. Solenoid Valves
O. Vertical Pumps
P. Instrument and Control Panels
Q. Transformers
R. Fans
S. Temperature Sensors
T. Air Handlers

Comments on Question 2d:

The selected components are located in various types of environments found in the plant. The various plant environment types are as follows:

A. Warm
B. Damp
C. Hot
D. Cool
E. Dry
F. Humid/Dry
G. High Radiation

Comments on Question 2e:

Based on the review, the selected components represent equipment enhanced based on findings of the IPEEE.

Comments on Question 2f:

The risk insights were considered in the development of SWEL 1. Specifically, Risk Achievement Worth (RAW) and Fussel-Vessley (FV) were considered.

Comments on Question 3a:

Spent Fuel Pool related items were considered and are adequately represented in SWEL 2

Comments on Question 3b:

Spent Fuel Pool components were considered.

Comments on Question 4:

The peer review concluded that the selection of Seismic Walkdown Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286,

"Seismic Walkdown Guidance." Also, an ex-SRO from the Beaver Valley Power Station, Unit-2 acted as Operations representative during the selection of the SWEL.

B. Review of a sample of the checklists prepared for the Seismic Walkdowns and Area Walk-Bys

EPRI Document 1025286 on Seismic Walkdown Guidance required a review of the sample of the checklists prepared for the seismic walkdowns and area walk-bys by the peer reviewers. The sample review should be between 10 percent and 25 percent.

The following comments were identified during the early stages of peer review and were successfully resolved:

A. In some cases, statements regarding minor anomalies (not resulting in a condition report) identified during the walkdowns did not have adequate justification for acceptability in meeting the design basis requirements.
B. In some cases, missing documentation/references/checkmarks.
C. In some cases, minor anomaly stated but no justification provided.
D. Editorial and typographical errors

The above comments were discussed with the Seismic Walkdown Engineers (SWEs) and were successfully resolved in the final signed version of the checklists.

In addition, the peer reviewers also participated in a sample of walkdowns and observed the work performed by the SWEs during the inspections. It was noted that the walkdown/inspection was intrusive, walkdown team members discussed, issues amongst themselves, and used engineering judgment in making decisions about whether there is any concern that should be noted. In some cases, the lead peer reviewer requested additional photographs.

The lead peer reviewer interviewed the SWEs to verify they followed the guidance in Section 4 of the EPRI Document "Seismic Walkdowns and Area Walk-Bys." The interview concluded that they did follow the said guidance and were knowledgeable about the walkdown requirements. Questions asked were successfully answered during the interview as well as during the walkdowns.

Four SWEs participated in the walkdowns. See their resumes for experience and background training.

Conclusion: The seismic walkdown and area walk-by checklists were completed in accordance with the guidance of EPRI Document 1025286 and no major issues were identified. All comments were successfully resolved. Adequate documentation has been provided in the checklists for the components that were walked down.

C. Review of the Licensing Basis Evaluations

The walkdowns identified several minor anomalies, however 12 of them resulted in generating condition reports as follows:

CR-2012-14408, CR-2012-14409, CR-2012-14412, CR-2012-14420, CR-2012-14449, CR-2012-14450, CR-2012-14452, CR-2012-14455, CR-2012-14459, CR-2012-14463, CR-2012-14744, and CR-2012-14749.

Additionally, a thirteenth condition report was written to capture all the issues identified above in one condition report (CR-2012-14758).

1. CR-2012-14408
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that two out of twelve nuts for the bolts anchoring the Service Water Pump 2SWS*P21A base to the anchor plate are corroded. This pump is located inside the Intake Structure at elevation 705' Cubicle D.

Observation concluded that there is only surface rust on the bolts and the nuts. Even though they are corroded, they are capable to perform their intended design function based on engineering judgment. The two nuts are located near each other are readily visible as mildly corroded. No calculations or drawings are affected since the nuts are able to perform the intended function.

To avoid further degradation of the nuts due to presence of moist environment, the nuts will be replaced in the next system window and painted to mitigate corrosion. Initiated Notification No. 600786691 to perform the work to be done under Work Order 200530757.

2. CR-2012-14409
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a Deficient Tag (Tag ID 117472) for Component 2SWS-MOV113A has been in place with no date on it and no physical work performed to correct the deficiency. This motor operated valve is located inside the Diesel Building (DGBX) at elevation 732'. The deficient tag says "Leakage in Packing." This leakage has also resulted in the corrosion of packing nuts.

Observation concluded that there is only surface rust on the bolts and the nuts. Even though they are corroded, they are capable to perform their intended design function based on engineering judgment. No calculations or drawings are affected since the nuts are able to perform the intended function.

To avoid further degradation of the nuts, the nuts will be replaced in the next system window and painted to mitigate corrosion. Initiated Notification No. 600786692 to perform the work to be done under Work Order 200481347.

3. CR-2012-14412
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a Deficient Tag (Tag ID 63005) for Component 2SWM-MOV562 has been in place since 2007 and no physical work performed to correct the deficiency. This motor operated valve is located inside the Valve Pit Room at elevation 718'. The deficient tag says "Valve has rust and needs to be cleaned/painted."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

To avoid further degradation of the valve due to corrosion, the corrosion will be cleaned/painted during the next system window. Initiated Notification 600786690 to perform the work to be done under Work Order 200416834.

4. CR-2012-14420
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that a 55 gallon drum was located too close to MCC-2-E11 and was unrestrained. The component is located at El 737' in U-2 Safeguard Building. This posed a seismic interaction concern that

during a seismic event it had the potential to hit the MCC and potentially impact the design function of inside components.

This condition has been corrected and this CR was generated to document an existing condition that was identified during the seismic walkdowns. Currently no anomaly exists as such there are no operability concerns, and thus no violations of the design basis requirements.

5. CR-2012-14449
It was observed that Component 2SWS-MOV160 had a Deficient Tag (Tag ID 47014) and no physical work performed to correct the deficiency. This motor operated valve is located inside the MSCV Room at elevation 718'. The deficient tag says "Surface rust to be cleaned and preserved."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since surface rust doesn't affect the function of the valve.

Initiated field work per Notification No. 600786757 to avoid further degradation of valve. Work will be done under Work Order 200531116.

6. CR-2012-14450
It was observed that Component 2SWS-MOV162 has corrosion on the valve from yoke to the bonnet. This motor operated valve is located inside the MSCV Room at elevation 718'.

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

Initiated Notification No. 600786758. Work will be done under Work Order 200531117.

7. CR-2012-14452
It was observed that Component 2SWS-MOV152-1 had a Deficient Tag (Tag ID 47016) and no physical work performed to correct the deficiency. Corrosion extends from yoke to bonnet. This motor operated valve is located inside the MSCV Room at elevation 718'. The deficient tag says "Corrosion (Surface Rust) on the valve body at packing gland."

Observation concluded that there is only surface rust and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since the valve is able to perform the intended function.

Initiated Notification No. 600786761 to perform the work. Work will be done under Work Order 200531158.

8. CR-2012-14455
It was observed that the four bolts and nuts connecting the yoke to the bonnet for Component 2SWS-MOV161 are mildly corroded. This motor operated valve is located inside the MSCV Room at elevation 718'.

Observation concluded that there is only surface rust on the bolts as well as the nuts and the valve is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since they are able to perform the intended function.

Initiated Notification No. 600786762 to perform the work. Work will be done under Work Order 200531159.

9. CR-2012-14459
It was observed that the flange nuts at outlet nozzle for Component 2CCP-E21C are mildly corroded. This heat exchanger is located at elevation 710' in Aux Building.

Observation concluded that there is only surface rust on the nuts and the component is capable to perform its intended design function based on engineering judgment. No calculations or drawings are affected since they are able to perform the intended function.

Initiated Notification No. 600786796 to perform the work. Work will be done under Work Order 200531161.

10. CR-2012-14463
There is a potential seismic interaction concern associated with Panel PNL-SEQ-244 located at El. 730' in Service Building, Emergency Switchgear AE. Specifically, right near the top of this panel, there are lighting fixtures supported from unistruts hung from chains above. During a seismic event, there is a potential for these lighting fixtures to rattle and hit the top of safety related panel.

Observation concluded that the impact force from these lighting fixtures on the panel, considering the weight of lighting fixtures and unistrut, will have insignificant impact on the components inside the panel and they will perform their intended design function, by engineering judgment. However, this CR is being generated as an enhancement to consider upgrading the condition and restraining the unistrut supporting the lighting fixture such that it would not hit the panel.

No calculations or drawings are affected since the components are able to perform the intended function safely.

11. CR-2012-14744
The enclosure and the anchorage for Component 2QSS-LT104A is corroded. This component is located outside in the yard near RWST 2QSS-TK21 at elevation 734'. The corrosion does not affect the structural integrity so drawings and calculations still apply. The design basis documents have not been violated.

Initiated Notification No. 600788282 to perform the work. Work will be done under Work Order 200532069.

12. CR-2012-14749
The yoke for the manual valve 2QSS-297 is corroded. This component is located outside in the yard near RWST 2QSS-TK21 at elevation 734'.

Initiated Notification No. 600788283 to perform the work, under Work Order 200532070.

Conclusion: The licensing basis evaluations as documented in Section 7 of this report were reviewed. In summary, they have been adequately evaluated against the design basis requirements, the corrective actions taken are adequate, and no further action is required.

D. Review of the decisions for entering the potentially adverse conditions into the CAP Process

Section 6 of this report discusses the summary of walkdown results. Specifically, Section 6.2.1 discusses seismic walkdown findings associated with SWEL 1, and Section 6.2.2 discusses seismic walkdown findings associated with area walk-bys. The potentially adverse conditions were documented in Tables 6-4 and 6-5 in accordance with EPRI Document 1025286 and titled as "Potentially Adverse Seismic Conditions Identified from Component and Area Walk-Bys."

Table 6-4 identified seven potentially adverse seismic conditions, which resulted in generating six condition reports. Adequate justification is documented in the checklist that provides the basis as why the remaining issue had insignificant impact on the design of the components and that the component is still capable of performing its intended design function while still meeting the design basis requirements.

Table 6-5 identified seven potentially adverse seismic conditions. Six of these conditions were entered in the corrective action program (CAP). Again, adequate justification is documented in the checklists that provide the basis as why the remaining issue had insignificant impact on the design of the surrounding components and that the component is still capable of performing its intended design function while still meeting the design basis requirements.

A review of the basis documented in the checklists for not entering these issues in the CAP concluded the decisions taken were appropriate.

Conclusion: The peer reviewers agree with the decisions taken for entering or not entering the identified potentially seismic walkdown findings in the corrective action program.

E. Review of the Submittal Report

Conclusion: A team of reviewers performed a review of this submittal report. Comments were successfully resolved. Refer to the signature page for a listing of reviewers.

F. Summary of results of peer review process

Conclusion: The selected samples (SWEL 1 and SWEL 2) adequately represent and meet the criteria set forth in the selection process outlined in EPRI Document 1025286. An Operations person also participated in the sample selection process and the walkdowns. The peer reviewers participated in sample walkdowns, observed the conduct of walkdown team members, and discussed issues while remaining independent. The Seismic Walkdown Checklists (SWCs) and Area Walk-by Checklists (AWCs) were adequately prepared and the basis for justifications appropriatly documented. The decisions taken to enter the findings or not to enter the findings into the CAP were appropriate. Also, the resolution of the issues (License Basis Evaluations) identified in the condition reports was adequate.

10.0 REFERENCES

1. NRC letter 50.54(f), March 17, 2012.

2. EPRI 1025286, "Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic," Final, June 2012.

3. "Beaver Valley Power Station Unit 2: Probabilistic Risk Assessment Update Report", Issue 5A, August 31, 2012, First Energy Nuclear Operating Company.

4. "Beaver Valley Unit 2 Probabilistic Risk Assessment, Individual Plants Examination of External Events", Submitted September, 1997 in response to U.S. Nuclear Regulatory Commission Generic Letter 88-20 Supplement 4, Duquesne Light Company.

5. "Beaver Valley Power Station Unit 2, Spent Fuel Pool Cooling Trouble", Abnormal Operating procedure 2OM-53C.4.2.20.1, Revision 1, November 16, 2011.

6. "Beaver Valley Power Station Unit 2, Updated Final Safety Analysis Report", Revision 19, Section 9.1.3.2.

7. RG 1.29, Rev. 3, "Seismic Design Classification."

8. RG 1.60, Rev. 1, "Design Response Spectra for Seismic Design of Nuclear Power Plants."

9. RG 1.61, "Damping Values for Seismic Design of Nuclear Power Plants."

10. RG 1.100, "Seismic Qualification of Electrical Equipment for Nuclear Power Plants."

11. IEEE 344-1975, Rev. 1, "IEEE Guide for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations."

12. ASME Boiler and Pressure Vessel Code Section III 1974 including Winter Addenda 1975.