Perry Nuclear Power Plant
Near-Term Task Force
Recommendation 2.3
Seismic Walkdown Report

September 28, 2012

Prepared by:

Daniel Reny (ABS Consulting)

Farzin Beigi (ABS Consulting)

Eddie Guerra (ABS Consulting)

Brian Lucarelli (ABS Consulting)

John Reddington (FENOC)

Reviewed by:

Mohammed Alvi (FENOC)

Rich Siembor (FENOC)

Approved by:

R.S. Mackowski (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

ALARA	As Low As Reasonably Achievable
AWC	Area Walk-By Checklist
AX	Auxiliary Building
BWR	Boiling Water Reactor
BWST	Borated Water Storage Tank
CC	Control Complex
CFR	Code of Federal Regulations
CIEL	Containment Isolation Equipment List
CO	Containment
COLA	Combined Construction and Operating License Applications
DG	Diesel Generator Building
DHR	Decay Heat Removal
DW	Drywell
ECCW	Emergency Closed Cooling Water
ECP	Engineering Change Package
EPRI	Electric Power Research Institute
EW	Emergency Service Water
FENOC	FirstEnergy Nuclear Operating Company
FH	Fuel Handling Building
FV	Fussel-Vessley
GIP	Generic Implementation Procedure
HPCS	High Pressure Cove Spray
IB	Intermediate Building
IPEEE	Individual Plant Examination of External Events
LERF	Large Early Release Frequency
LOCA	Loss of Coolant Accident
LRR	Low Ruggedness Relay
MCC	Motor Control Center
MOV	Motor Operated Valve
MWO	Maintenance Work Order
NPP	Nuclear Power Plant

NSSS	Nuclear Steam Supply System
NTTF	Near-Term Task Force
OA	Operator Action
OBE	Operating Basis Earthquake
PRA	Probabilistic Risk Assessment
PWR	Pressurized Water Reactor
PY	Perry Nuclear Power Plant
RAW	Risk Achievement Worth
RG	Regulatory Guide
RP	Radiation Protection
SEL	Seismic Equipment List
SFP	Spent Fuel Pool
SQUG	Seismic Qualification Utility Group
SRO	Senior Reactor Operator
SSC	Structures, Systems, and Components
SSE	Safe Shutdown Earthquake
SWC	Seismic Walk-down Checklist
SWE	Seismic Walk-down Engineer
SWT	Seismic Walk-down Team
SWEL	Seismic Walk-down Equipment List
TB	Turbine Building
USAR	Updated Safety Analysis Report

1.0 INTRODUCTION

This Report presents the results of the Seismic Walk-down conducted for the Perry Nuclear Power Plant in support of FirstEnergy Nuclear Operating Company's (FENOC) response to the NTTF Recommendation 2.3 in NRC 50.54(f) Letter, dated March 12, 2012 (Reference 1). Consistent with the guidelines in the Electric Power Research Institute (EPRI) Report 1025286, *"Seismic Walk-down Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic"* (Reference 3), the walk-down implements the procedure described in Section 5.0 of this report.

2.0 SEISMIC LICENSING BASIS

The seismic licensing basis is contained in the Updated Safety Analysis Report (USAR) and implemented through installation standard specifications (ISS Series).

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 Safe Shutdown Sarthquake (SSE).

The OBE is postulated to be an earthquake which could reasonably be expected to affect the plant site during its operating life. 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 SSE represents the strongest vibratory ground motion earthquake for which these features (as mentioned for OBE) are, as a minimum, designed to remain functional. The SSE is considered to be a modified Mercalli Intensity VII as measured at the site.

These Seismic Category I structures, systems and components, and the seismically analyzed systems and components of the plant are necessary to assure: (1) the integrity of the reactor coolant pressure boundary, (2) the capability to shut down the reactor and maintain it in a safe shutdown condition, and/or (3) the capability to prevent or mitigate the consequences of accidents which could result in potential offsite exposures comparable to the guideline exposure of 10 CFR 100.

The design earthquakes, OBE and SSE, for the plant are specified by OBE and SSE design response spectra. These criteria are based on the plant site geologic investigations and seismologic recommendations as discussed in Section 2.5 of the USAR. These spectra represent earthquake ground motions that are potentially damaging to structures. While these spectra could be exceeded by ground motion "spikes" above 10 Hz, such as those caused by the earthquake of January 31, 1986, 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.

Design response spectra for the SSE and OBE, as shown in Figure 3.7-1, Figure 3.7-2, Figure 3.7-3, and Figure 3.7-4 (Appendix E), comply with Regulatory Guide 1.60. As shown in these figures, the vertical component is 2/3 of the horizontal component in the frequency region lower than 2.5 cps, and the vertical and horizontal components are equal in the frequency regions higher than 3.5 cps.

Safety class structures are founded on shale or on materials with equivalent seismic properties, and hence, no site dependent analysis is used. A 12-inch layer of porous concrete is used between the shale and foundation slabs of the safety class structures. The porous concrete has a modulus of elasticity in excess of 1.2×10^6 psi and a minimum shear wave velocity of 4,400 fps, which is equivalent to that of the underlying shale.

A list of Seismic Category I structures and the methodology used to evaluate them is documented in the attached Table 3.7-2. The Seismic Category I systems and components located in these structures have also been designed to withstand the effects of the design basis earthquakes.

A list of applicable Regulatory Guides, Codes & Standards can be found in section 10: References. For the Perry Nuclear Power Plant design SSE spectra refer to figure 2-1.

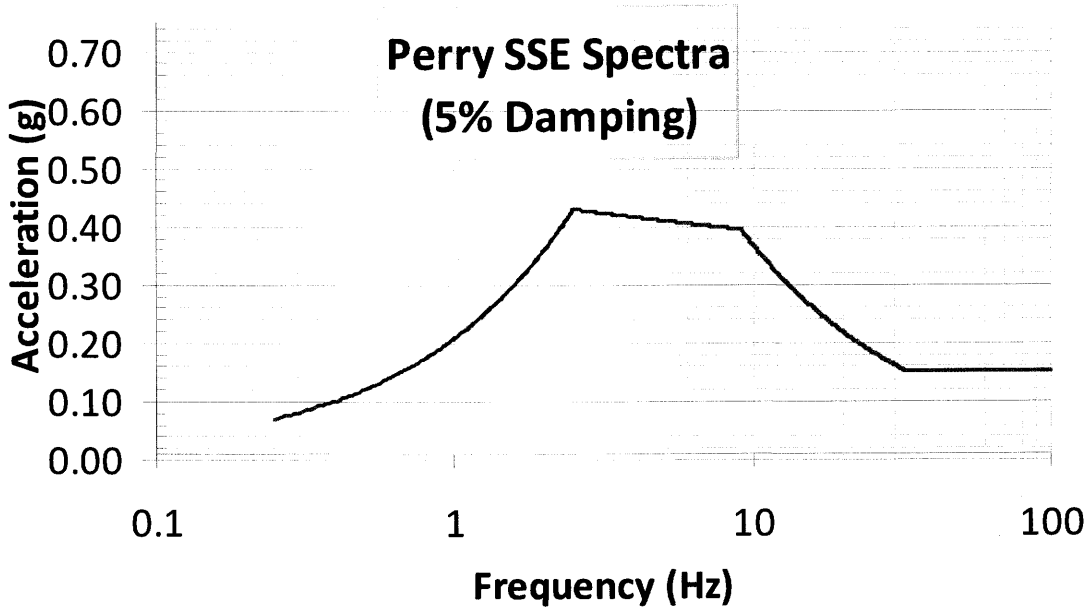

Figure 2-1: The SSE response spectrum for Perry was digitized from Perry FSAR Figure 3.7-11

3.0 PERSONNEL QUALIFICATIONS

The following FENOC personnel worked together to formulate the list of selected equipment for the Perry Nuclear Power Plant NTTF Recommendation 2.3 Seismic Walk-down:

- J. Reddington
- A. Zelaski
- D. Reny
- F. Beigi
- R. Siembor

The ABS Consulting Walk-down 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). M. Alvi served as the lead peer reviewer for the walk-down.

The seismic walk-down 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, four of these individuals (J. Reddington, M. Alvi, F. Beigi and E. Guerra) have also completed the EPRI Seismic Qualification Utility Group (SQUG) training. Resumes and certifications of the walk-down 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 has previous experience with NPP walk-downs 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 supported equipment selection, walk-down planning, equipment location determination, and selection of walk-by areas for the 2.3 Seismic Walk-down.

4.0 SELECTION OF SSC'S

Consistent with the guidance in EPRI #1025286, "Seismic Walk-down Guidance," dated May 2012 (Reference 3), the process of selecting the SSCs for inclusion in the SWEL 1 and SWEL 2 lists began with the compilation of currently existing large lists. The development of the list for SWEL 1 is presented in Section 4.1 and SWEL 2 in Section 4.2.

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

The EPRI guidance document (Reference 3) states that using the previously developed IPEEE seismic equipment list (SEL) 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 is in the process of assisting FENOC in developing a seismic equipment list (SEL) for use in a seismic probabilistic risk assessment (PRA) for Perry. The use of an existing internal PRA model is 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 Perry internal events PRA (i.e., model PRA-PY1-FP-R0a) and the IPEEE Safe

Shutdown Equipment List (IPEEE SSEL) of SSCs from the "Individual Plant Examination of External Events for Severe Accident Vulnerabilities" (Reference 4). Duplicate SSCs, caused by overlap between the two lists and because the PRA contains multiple basic events for different failure modes of a single component, were removed. Thus the requirements outlined in the EPRI walk-down guidance document for preparing the SSC SEL list were adequately satisfied. Additionally, during SSC sampling in preparation for the walk-down, selections were generally made preferentially from the IPEEE SSEL list of SSCs. This was due to the fact that design packages were more likely to be available for these SSCs, and would allow the team to take advantage of the earlier design review work.

SSCs from other sources, such as internal flooding PRA, were also chosen so that they were useful for PRA purposes. These did not appear on either of the two original source lists. Components from the internal flood PRA, the Containment Isolation Equipment List (CIEL), and the Spent Fuel Pool (SFP) equipment List were also reviewed. Again, duplicate SSCs were eliminated.

The list of SSCs in Tables B-1 and B-3 of EPRI 1025286 (Reference 3) were also reviewed for completeness. Some SSCs were added as a result of this review.

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 LOCA frequencies. These SSCs were flagged as important to the containment safety function; i.e., they are involved in the computation of LERF.

Once the initial list of SSCs was developed, it was first screened to retain only Seismic Category 1 quality equipment. Regular inspection of the SSC was also noted as this was justification for a second screen; e.g., for piping systems and containment penetrations.
The following attributes of the retained SSCs were collected:

- Equipment ID
- Brief SSC Description
- SSC location – building, elevation, flood area, and the column/row letter/number
- The room environment in which 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 walk-down guidance. Panels not previously evaluated for their associated safety functions were assigned the designator, "operator," and retained for the selection process.

- Internal event PRA Risk Achievement Worth (RAW) and Fussell-Vessely (FV) 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 EPRI NP-6041, Revision 1, "A Methodology for Assessment of Nuclear Power Plant Seismic Margin [Revision 1]," Electric Power Research Institute, August 1991) used for fragility analysis. For some EPRI Categories (i.e., 0, 1, 2, and 3), 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 a 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 walk-down because they are already accounted for in the selection of the MCCs. Check valves and manual valves were assigned to sub-category 0d to avoid categorizing these SSCs with SSCs assigned to the EPRI "other" category. Some SSCs were selected from both the 0 and 0d EPRI categories. All of the EPRI categories were later utilized as part of the SSC selection process. Except for EPRI categories 12 (air compressors), 13 (motor generators) and 19 (temperature sensors), at least 1 SSC was selected from each EPRI category.

Base List 1, as defined in the EPRI walk-down guidance, is attached as Table 4-1. 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, 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 from which the SSC was selected. In some cases, SSCs appeared on several lists for Perry, but only one source was listed.

A review for Screens 4d (Major New & Replacement Equipment) and 4e (IPEEE Vulnerabilities) was conducted. There were no IPEEE Vulnerabilities identified for seismic equipment, and therefore no entries were made for Screen 4e. A thorough review of plant records for major changes or replaced equipment was conducted and 11 equipment types identified. A component previously undergoing change or replacement was identified with the Engineering Change Package (ECP) number.

The equipment coming out of Screen 4d and entering the SWEL 1 "bucket" made up the SWEL 1 list.

SWEL 1, as defined in the EPRI walk-down guidance is attached as Table 4-2. The format is the same as the Base List 1 and the table is the same except that only the selected SSCs are shown.

The selected SSCs have been chosen to account for a variety of systems, equipment types, room environments, and involvement in engineering change packages since the completion of the IPEEE.

A total of 109 SSCs were selected for SWEL 1. Perry plant operations staff was consulted in the SSC selection process. The selected list of SSCs was from seven different buildings and represented a variety of functions and environments throughout the plant. Many of the selected SSCs are from support systems, but there were also SSCs selected from frontline systems. Although most components originated from the IPEEE SSEL or current internal events PRA model, some components came from the containment isolation equipment list and the spent fuel pool equipment list. SSCs are selected from each of the safety functions and from a range of environmental conditions. Some SSCs from the Emergency Service Water System could have been included on either the SWEL 1 or the SWEL 2 lists but were included only on the SWEL 1 list. Therefore, some high radiation area components are only on the SWEL 1 list but also represent high radiation environments for SWEL 2. There were 11 SSCs selected for the SWEL 2 list of which some represent high radiation areas for SWELs. Most of the SSCs selected were in cool and dry areas. However, eight are chosen from warm and damp areas, and three are from relatively hot and humid 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. 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>0.005). A representative set, but not all, of such SSCs were therefore included in the selected list.

4.2 DEVELOPMENT OF SWEL 2 FOR SPENT FUEL POOL RELATED ITEMS

The functions of the spent fuel pool related systems were reviewed and equipment related to fuel pool cooling and make up were included on a new list. The functions included normal spent fuel pool cooling and spent fuel pool make-up from several available sources. Spent fuel pool cleanup equipment is not Seismic Category 1 and therefore, not included on SWEL 2.

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 walk-down guidance report 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.

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

- Equipment ID
- Brief SSC description
- SSC location – by building, elevation, flood area, and the column/row letter/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. These EPRI categories were later employed as part of the SSC selection process.

At Perry, there is only one path that could result in a rapid drain-down of the SFP and leave less than 10 feet of water above the top of the spent fuel. The one line is a 6 inch drain line to the Cask Pit section of the SFP. This 6 inch drain line is embedded in concrete up to a manual isolation valve that is normally closed. The manual isolation valve is included on the SWEL 2 list. There are no other lines or equipment connected to the SFP in such a way that failure could result in a rapid drain-down below a water level of 10 feet above the top of the spent fuel. The other lines connected to the SFP all have pipe embedded in concrete and have siphon breakers located more than 10 feet above the top of the spent fuel to prevent draining.

SWEL 2, as defined in the EPRI walk-down guidance is attached as Table 4-4. The equipment coming out of Screen 3 and entering the SWEL 2 'bucket" in Figure 1-2 from the EPRI walk-down guidance report make up this second Seismic Walk-down Equipment List. The format is the same as that in Base List 2, and the table entries are the same except that only the selected SSCs are shown. The selected SSCs have once again been chosen to account for a variety of equipment types and room environments. 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 Five Safety Functions

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0C41C0002A	SLC TRANSFER PUMP A	IB	620	I/06		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	No	Dry	Warm	Yes				
0C41C0002B	SLC TRANSFER PUMP B	IB	620	I/06		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	No	Dry	Warm	Yes				
0G41A0002A	FPCC SURGE TANK	IB	599	G/07		IPEEE SSEL	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	No	Dry	Warm	Yes				
0G41A0002B	FPCC SURGE TANK	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	No	Dry	Warm	Yes				
0G41A0006	SPENT FUEL STORAGE POOL	FH	620	H/08		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	No	Damp	Warm	Yes				
0G41B0001A	HEAT EXCHANGER, FUEL POOL COOLING & CL	IB	599	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	Yes	Dry	Warm	Yes				
0G41B0001B	HEAT EXCHANGER, FUEL POOL COOLING & CL	IB	599	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	No	Dry	Warm	Yes				
0G41C0003A	FPCC PUMP A	IB	574	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	5. Horizontal Pumps	SF	Yes	Dry	Warm	Yes				
0G41C0003B	FPCC PUMP B	IB	574	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	5. Horizontal Pumps	SF	No	Dry	Warm	Yes				
0G41F0085	FPCC LOWER PLS SUPP ISOL VLV	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes				
0G41F0280	FPCC F/D OTBD INLET VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
0G41F0285	FPCC F/D INBD INLET VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes				
0G41F0290	FPCC F/D INBD OUTLET VLV	IB	599	G/05		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
0G41F0295	FPCC F/D OTBD OUTLET VLV	IB	599	G/05		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
0G41F0360	FPCC F/D BYP VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
0G41F0542A	FUEL POOL CIRC PUMP A SUCTION VALVE	IB	574	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0G41F0542B	FUEL POOL CIRC PUMP B SUCTION VALVE	IB	574	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes				
0G41F0545A	FPCC PUMP A DISCH CHECK VLV	IB	574	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0545B	FPCC PUMP B DISCH CHECK VLV	IB	574	H/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0546A	FUEL POOL CIRC PUMP A DISCHARGE VALVE	IB	574	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0546B	FUEL POOL CIRC PUMP B DISCHARGE ISOL	IB	574	H/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0547A	VALVE BUT MAN 10.0 150	IB	599	I/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0547B	VALVE BUT MAN 10.0 150	IB	599	I/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0550A	FPCC HX A OUTLET ISOL	IB	599	I/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0550B	FPCC HX B OUTLET ISOL	IB	599	I/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0551	FPCC HX BYPASS	IB	599	I/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0556	SPENT FUEL STRG POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0557A	FPCC TO UNIT 1 RHR RETURN ISOLATION	IB	599	G/08		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0558	FUEL TRANSFER POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0559A	FPCC TO UNIT 1 RHR SUPPLY ISOL	AX	599	J/08		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0560	FUEL STRG & PREP POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0610A	FPCC SURGE TANK A FILL FROM ESW EMG M/U	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0G41F0610B	FPCC SURGE TANK B FILL FROM ESW EMG M/U	IB	599	J/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0G41F0732	FUEL POOL CIRC PUMP DISCH TO HOTWELLS	IB	574	K/02		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
0H13P0904	COMMON HVAC PANEL	CC	654	B/03		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H13P0969	COMMON ANLG LOOP	CC	654	B/03		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H13P0970	COMMON LONG RESP BB	CC	654	B/03		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0006	PANEL SERVICE WATER SCREEN WASH SYSTEM	SW	581	F/03		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	SW	No	Wet	Cool	Yes				
0H51P0010A	EMERGENCY SERVICE WATER SCREEN CONTROL PANEL A	EW	586	A/04		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Humid/ Dry	Cool	Yes				
0H51P0010B	PANEL EMER SERVICE WTR SCREEN CNTRL PANEL	EW	586	A/04		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
0H51P0017	CONTROL PANEL MAKE-UP WATER TREATMENT	WT	620	C/02		Internal PRA	Cat I	No		20. Instrument and Control Panels	MW	Yes	Dry	Warm	Yes				
0H51P0039	ECC & ESW INST RACK	CC	574	D/04	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Cool	Yes				
0H51P0077A	PANEL EMERGENCY SERVICE WATER SCREEN CONTROL STATION A	EW	586	A/04		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
0H51P0077B	PANEL EMER SVCE WTR SCREEN CNTRL STA B	EW	586	A/04		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0H51P0078A	PANEL SERVICE WATER SCREEN WASH CONTROL STATION A	SW	581	C/03		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	SW	No	Wet	Cool	Yes				
0H51P0078B	PANEL SERV WTR SCREEN WASH CNTRL STA B	SW	581	E/03		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	SW	No	Wet	Cool	Yes				
0H51P0101	PANEL DIESEL FIRE PUMP CONTROL	EW	586	A/06		Internal PRA	Cat I	No	Fire Protection	20. Instrument and Control Panels	FP	No	Wet	Cool	Yes				
0H51P0164	HVAC INSTR. ENCLOSURE	CC	679	E/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	6. HVAC	20. Instrument and Control Panels	MC	No	Dry	Cool	Yes				
0H51P0165	HVAC INSTR ENCLOSURE	CC	679	A/02		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0166	HVAC INST ENCLOSURE	CC	679	E/03		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0167	PANEL HVAC INSTR ENCLOSURE	CC	679	A/02		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0177A	SYSTEMS HVAC PANEL A	CC	679	E/01		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0177B	SYSTEMS HVAC PANEL B	CC	679	A/01		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P0178	ECC INSTRUMENT RACK	CC	574	D/03		IPEEE SSEL	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	EC	No	Dry	Cool	Yes				
0H51P0193	ECCW PUMPS & CC CHILL H2O INST RACK A	CC	574	E/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	EC	No	Dry	Cool	Yes				
0H51P0194	ECCW PUMPS & CC CHILL H2O INST RACK C	CC	574	D/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	EC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0H51P0195	ECCW PUMPS & CC CHILL H2O INST RACK B	CC	574	C/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	EC	No	Dry	Cool	Yes				
0H51P0318	CONTROL COMPLEX CHILLER A CONTROL PANEL	CC	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	6. HVAC	20. Instrument and Control Panels	CC	No	Dry	Cool	Yes				
0H51P0319	CONTROL COMPLEX CHILLER B CONTROL PANEL	CC	574	C/03		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels	CC	No	Dry	Cool	Yes				
0H51P0320	CONTROL COMPLEX CHILLER C CONTROL PANEL	CC	574	D/03		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels	CC	No	Dry	Cool	Yes				
0H51P0924	PANEL FOR 0C41C0002A	IB	620	I/06		Internal PRA	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	No	Dry	Warm	Yes				
0H51P0925	PANEL FOR 0C41C0002B	IB	620	I/06		Internal PRA	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	No	Dry	Warm	Yes				
0H51P0926	SLC MIXING TANK LOCAL CONTROL STATION	IB	620-654	---		Internal PRA	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	No	Dry	Warm	Yes				
0H51P0971	CONTROL STATION FOR SLUICE GATE P45D0004A	EW	591	---		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
0H51P0972	CONTROL STATION FOR SLUICE GATE P45D0004B	EW	591	---		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
0H51P1110	ESW LOCAL INST RACK	CC	574	C/06		IPEEE SSEL	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Cool	Yes				
0H51P1112	ESW LOCAL INST RACK	CC	574	C/06		IPEEE SSEL	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Cool	Yes				
0H51P1151	PANEL - NCC HX OUTLET TEMP	CC	599	A/05		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	NC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0H51P1161		CC	574	B/06		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
0H51P1249	PANEL	WT	620	D/03		Internal PRA	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Warm	Yes				
0H51P1310	LOCAL PANEL	EW	586	C/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Humid/ Dry	Cool	Yes				
0H51P1311	LOCAL PANEL	EW	586	C/03		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
0H51P1312		WT	620	F/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Warm	Yes				
0H51P1356	LOCAL INSTRUMENT RACK	IB	620	I/06		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
0H51P5262		CC	574	B/06		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
0M23C0001A	Supply Fan M23-C0001A	CC	679	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8317	3.82E-03
0M23C0001B	Supply Fan M23-C0001B	CC	679	A/03		Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8826	4.02E-03
0M23C0002A	Return Fan M23-C0002A	CC	679	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8317	3.82E-03
0M23C0002B	Return Fan M23-C0002B	CC	679	A/03		Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8826	4.02E-03
0M23F0100A	Supply Fan Vortex Damper	CC	679	D/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.5968	1.13E-04
0M23F0100B	Supply Fan Vortex Damper M23-F0100B	CC	679	A/02		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.6313	1.18E-04
0M23F0110A	Return Fan Vortex Damper M23-F0110A	CC	679	D/02		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.5968	1.13E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0M23F0110B	Return Fan Vortex Damper M23-F0110B	CC	679	A/02		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.6313	1.18E-04
0M23F0510A	Check Damper M23-F0510A	CC	691	E/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0M23F0510B	Check Damper M23-F0510B	CC	691	A/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0M23F0540A	Check Damper M23-F0540A	CC	691	D/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0M23F0540B	Check Damper M23-F0540B	CC	679	B/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0M24C0001A	Fan M24-C0001A	CC	679	D/05		Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8317	3.82E-03
0M24C0001B	Fan M24-C0001B	CC	679	A/05		Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8826	4.02E-03
0M24F0011A	PCV Damper M24-F0011A	CC	679	E/02		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes				
0M24F0011B	PCV Damper M24-F0011B	CC	679	A/02		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes				
0M24F0065A	PCV Damper M24-F0065A	CC	679	---		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.431	1.93E-04
0M24F0065B	PCV Damper M24-F0065B	CC	679	---		Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.4561	2.04E-04
0M24F0550A	Check Damper M24-F0550A	CC	694	D/05		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0M24F0550B	Check Damper M24-F0550B	CC	694	B/05		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	MC	No	Dry	Cool	Yes				
0P42F0150A	ECC A CCCW A BYPASS	CC	574	D/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0150B	ECC B CCCW B BYPASS	CC	574	D/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0P42F0255A	ECC A FP HT EX BYPSS	IB	599	J/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
0P42F0255B	ECC B FP HT EX BYPSS	IB	599	J/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
0P42F0260A	ECC A FP HT EX INLET	IB	599	I/07		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	Yes	Dry	Warm	Yes				
0P42F0260B	ECC B FP HT EX INLET	IB	599	I/07		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
0P42F0265A	ECC A FP HT EX OUTLET	IB	599	I/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
0P42F0265B	ECC B FP HT EX OUTLET	IB	599	J/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
0P42F0290	NCC TO CCCW COMMON	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0295A	NCC TO CCCW A	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0295B	NCC TO CCCW B	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	EC	No	Dry	Cool	Yes				
0P42F0300A	ECC A TO CCCW A	CC	574	D/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0300B	ECC B TO CCCW B	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0315A	CC CHILLER A TEMP CONTROL VLV	CC	574	E/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0315B	CC CHILLER B TEMP CONTROL VLV	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0320	CCCW COMMON TO NCC	CC	574	B/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0325A	CCCW A TO NCC	CC	574	B/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P42F0325B	CCCW B TO NCC	CC	574	B/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	EC	No	Dry	Cool	Yes				
0P42F0330A	CCCW A TO ECC A	CC	574	D/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0P42F0330B	CCCW B TO ECC B	CC	574	E/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
0P43A0001	NCC Surge Tank A0001	IB	682	G/05		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	NC	No	Dry	Warm	Yes			5.6083	1.95E-03
0P43B0001A	NCC Heat Exchanger 0P43-B0001A Leak/Rupture	CC	599	A/05		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	NC	No	Dry	Cool	Yes			4.3156	5.90E-03
0P43B0001B	NCC Heat Exchanger 0P43-B0001B	CC	599	A/05		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	NC	No	Dry	Cool	Yes			4.3156	5.90E-03
0P43B0001C	NCC Heat Exchanger 0P43-B0001C	CC	599	A/06		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	NC	No	Dry	Cool	Yes			4.3156	5.90E-03
0P43C0001A	NCC Motor Pump 0P43-C0001A	CC	599	C/05		Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	NC	No	Dry	Cool	Yes			1.0017	1.09E-04
0P43C0001B	NCC Motor Pump 0P43-C0001B	CC	599	D/05		Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	NC	No	Dry	Cool	Yes			1.0017	1.23E-04
0P43C0001C	NCC Motor Pump 0P43-C0001C	CC	599	D/05		Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	NC	No	Dry	Cool	Yes			1.0089	3.26E-04
0P43F0510A	Check Valve 0P43-F510A	CC	599	D/04		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	NC	No	Dry	Cool	Yes				
0P43F0510B	Check Valve 0P43-F510B	CC	599	D/04		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	NC	No	Dry	Cool	Yes				
0P43F0510C	Check Valve 0P43-F510C	CC	599	E/04		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	NC	No	Dry	Cool	Yes				
0P43R0045A	Temperature Transmitter 0P43R0045A	CC	599	A/05		Internal PRA	Cat I	No	3. ESFAS	19. Temperature Sensor	NC	No	Dry	Cool	Yes			1.0965	4.68E-04
0P43R0045B	Temperature Transmitter 0P43-R0045B	CC	599	A/05		Internal PRA	Cat I	No	3. ESFAS	19. Temperature Sensor	NC	No	Dry	Cool	Yes			1.0965	4.68E-04
0P43R0045C	Temperature Transmitter 0P43-R0045C	CC	599	A/05		Internal PRA	Cat I	No	3. ESFAS	19. Temperature Sensor	NC	No	Dry	Cool	Yes			1.0965	4.68E-04
0P45D0004A	Sluice Gate 0P45-D0004A	EW	537	A/05		Internal PRA	Cat I	No	4. SW&CCW	0. Other	EW	No	Wet	Cool	Yes			1.1283	3.36E-03
0P45D0004B	Sluice Gate 0P45-D0004B	EW	537	A/05		Internal PRA	Cat I	No	4. SW&CCW	0. Other	EW	No	Wet	Cool	Yes			1.1283	3.36E-03
0P47B0001A	CCCW Chiller 0P47-B0001A	CC	574	E/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	11. Chillers	CC	No	Dry	Cool	Yes			1.7241	1.60E-02

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0P47B0001B	CCCW Chiller 0P47-B0001B	CC	574	C/03		Internal PRA	Cat I	No	6. HVAC	11. Chillers	CC	No	Dry	Cool	Yes			1.797	1.60E-02
0P47B0001C	CCCW Chiller 0P47-B0001C	CC	574	D/03		Internal PRA	Cat I	No	6. HVAC	11. Chillers	CC	No	Dry	Cool	Yes			1.014	4.99E-04
0P47C0001A	CCCW Pump	CC	574	D/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	5. Horizontal Pumps	CC	No	Dry	Cool	Yes			1.5831	1.28E-03
0P47C0001B	CCCW Pump 0P47-C0001B	CC	574	B/02		Internal PRA	Cat I	No	6. HVAC	5. Horizontal Pumps	CC	No	Dry	Cool	Yes			1.612	1.29E-03
0P47C0001C	CCCW Pump 0P47-C0001C	CC	574	C/02		Internal PRA	Cat I	No	6. HVAC	5. Horizontal Pumps	CC	No	Dry	Cool	Yes				
0P49C0002A	ESW Pump 0P49-C0002A	EW	586	A/05		Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	EW	No	Wet	Cool	Yes			1.0012	3.37E-06
0P49C0002B	ESW Pump 0P49-C0002B	EW	586	A/03		Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	EW	No	Wet	Cool	Yes			1.001	3.07E-06
0P49D0001A	ESW Traveling Screen	EW	586	A/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	EW	No	Wet	Cool	Yes			1.0034	1.72E-04
0P49D0001B	ESW Traveling Screen 0P49-D0001B	EW	586	A/04		Internal PRA	Cat I	No	4. SW&CCW	0. Other	EW	No	Wet	Cool	Yes			1.003	1.61E-04
0P49F0502A	ESW Check Valve	EW	586	G/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EW	No	Wet	Cool	Yes				
0P49F0502B	ESW Check Valve 0P49-F0502B	EW	586	A/03		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EW	No	Wet	Cool	Yes				
0P54A0002	FIRE SERV FO TANK	EW	586	A/06		IPEEE SSEL	Cat I	No	Fire Protection	21. Tanks and Heat Exchangers	FP	No	Wet	Cool	Yes				
0R24S0020	480 V MCC EF1A09	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			4.5592	7.59E-06
0R24S0025	480 V MCC EF1C09	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
0R24S0035	480 V MCC EF1B09	CC	620	C/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
0R24S0036	480V MCC EF1D09	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
0R24S0037	480 VAC MCC EF2A09	CC	620	E/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
0R25S0128	DIST PANEL TRANSFORMER 480/120V FB-1-M	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
0R42S0007	EFD-12-A Reserve Battery Charger	CC	638	B/02		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
0R42S0009	EFD-12-B Battery Charger 0R42-S0009	CC	638	B/04		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
0R42S0011	EFD-12-C Reserve Battery Charger	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
1B21A0003A	ACCUM FOR F0041A	DW	630	58 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	No	Hot	Yes				
1B21A0003B	ACCUM FOR F0041B	DW	630	265 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003E	ACCUM FOR F0041E	DW	630	50 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003F	ACCUM FOR F0041F	DW	630	275 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003L	ACCUM FOR F0047D	DW	630	290 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003P	ACCUM FOR F0047H	DW	630	305 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003T	ACCUM FOR F0051C	DW	630	95 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0003V	ACCUM FOR F0051G	DW	630	80 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004A	ACCUM FOR F0041A	DW	630	58 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004B	ACCUM FOR F0041B	DW	630	265 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004E	ACCUM FOR F0041E	DW	630	50 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004F	ACCUM FOR F0041F	DW	630	275 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004L	ACCUM FOR F0047D	DW	630	290 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21A0004P	ACCUM FOR F0047H	DW	630	305 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004T	ACCUM FOR F0051C	DW	630	95 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21A0004V	ACCUM FOR F0051G	DW	630	80 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	Dry	Hot	Yes				
1B21F0016	IB MOV B21-F0016	DW	620	325 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Dry	Hot	Yes				
1B21F0019	OB MOV B21-F0019	SM	620	C/05		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0022A	IB MSIV B21-F0022A	DW	630	1 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0022B	IB MSIV B21-F0022B	DW	630	340 DEG		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Dry	Hot	Yes				
1B21F0022C	IB MSIV B21-F0022C	DW	630	20 DEG		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Dry	Hot	Yes				
1B21F0022D	IB MSIV B21-F0022D	DW	630	355 DEG		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Dry	Hot	Yes				
1B21F0028A	OB MSIV B21-F0028A	SM	630	B/05		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0028B	OB MSIV B21-F0028B	SM	630	B/05		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0028C	OB MSIV B21-F0028C	SM	630	B/05		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0028D	OB MSIV B21-F0028D	SM	630	B/05		Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0032A	OB CV B21-F0032A	SM	615	C/04		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21F0032B	OB CV B21-F0032B	SM	615	C/04		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1B21F0039A	CV FOR F0041A	DW	630	67 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039B	CV FOR F0041B	DW	630	263 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039E	CV FOR F0041E	DW	630	51 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039F	CV FOR F0041F	DW	630	275 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039L	CV FOR F0047D	DW	630	288 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039P	CV FOR F0047H	DW	630	304 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039T	CV FOR F0051C	DW	630	96 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0039V	CV FOR F0051G	DW	630	79 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	0d. Other - check/manual valve	AD	Yes	Dry	Hot	Yes				
1B21F0041A	ADS VALVE	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041B	ADS VALVE	CO	630	265 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041C	NON-ADS VALVE	CO	630	90 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041D	NON-ADS VALVE	CO	630	309 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041E	ADS VALVE	CO	630	30 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041F	ADS VALVE	CO	630	275 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21F0041G	NON-ADS VALVE	CO	630	60 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0041K	NON-ADS VALVE	CO	630	300 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047B	NON-ADS VALVE	CO	630	270 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047C	NON-ADS VALVE	CO	630	73 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047D	ADS VALVE	CO	630	290 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047F	NON-ADS VALVE	CO	630	295 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047G	NON-ADS VALVE	CO	630	57 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0047H	ADS VALVE	CO	630	305 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0051A	NON-ADS VALVE	CO	630	45 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0051B	NON-ADS VALVE	CO	630	282 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0051C	ADS VALVE	CO	630	82 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0051D	NON-ADS VALVE	CO	630	319 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21F0051G	ADS VALVE	CO	630	75 DEG		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0065A	OB B21-F0065A	SM	620	B/06		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0065B	OB B21-F0065B	SM	620	B/04		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0067A	STM DRAINS	SM	620	C/05		Containment Isolation	Cat I	No	Containment	0. Other	CI	Yes	Damp	Hot	Yes				
1B21F0067B	STM DRAINS	SM	620	B/04		Containment Isolation	Cat I	No	Containment	0. Other	CI	Yes	Damp	Hot	Yes				
1B21F0067C	STM DRAINS	SM	620	C/06		Containment Isolation	Cat I	No	Containment	0. Other	CI	Yes	Damp	Hot	Yes				
1B21F0067D	STM DRAINS	SM	620	C/05		Containment Isolation	Cat I	No	Containment	0. Other	CI	Yes	Damp	Hot	Yes				
1B21F0410A	SV FOR F041A	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0410B	SV FOR F041A	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0411A	SV FOR F041B	CO	630	280 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0411B	SV FOR F041B	CO	630	280 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0414A	SV FOR F041E	CO	630	30 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0414B	SV FOR F041E	CO	630	30 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0415A	SV FOR F041F	CO	630	285 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0415B	SV FOR F041F	CO	630	285 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0422A	SV FOR F047D	CO	630	310 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0422B	SV FOR F047D	CO	630	310 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0425A	SV FOR F047H	CO	630	320 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21F0425B	SV FOR F047H	CO	630	320 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0442A	SV FOR F051C	CO	630	85 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0442B	SV FOR F051C	CO	630	85 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0444A	SV FOR F051G	CO	630	75 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0444B	SV FOR F051G	CO	630	75 DEG		IPEEE SSEL	Cat I	No	Containment	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21N0067C	PRESS ELEMENT	CO	620	144 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	No	Damp	Warm	Yes				
1B21N0067G	PRESS ELEMENT 1B21N0067G	CO	620	144 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0067L	PRESS ELEMENT 1B21N0067L	CO	620	306 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0067R	PRESS ELEMENT 1B21N0067R	CO	620	306 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0073C	LEVEL ELEMENT	CO	620	144 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	No	Damp	Warm	Yes				
1B21N0073G	LEVEL ELEMENT - 1B21N00073G	CO	620	144 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0073L	LEVEL ELEMENT - 1B21N0073L	CO	620	306 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0073R	LEVEL ELEMENT - 1B21N0073R	CO	620	306 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0076A	PRESSURE ELEMENT 1B21-N0076A	TB	620	E/15		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Dry	Warm	Yes				
1B21N0076B	PRESSURE ELEMENT 1B21-NOO76B	TB	620	E/15		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Dry	Warm	Yes				
1B21N0076C	PRESSURE ELEMENT 1B21-N0076C	TB	620	E/15		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Dry	Warm	Yes				
1B21N0076D	PRESSURE ELEMENT 1B21-N0076D	TB	620	E/15		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B21N0081A	LEVEL ELEMENT 1B21-N0081A	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Damp	Hot	Yes				
1B21N0081B	LEVEL ELEMENT 1B21-N0081B	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Damp	Hot	Yes				
1B21N0081C	LEVEL ELEMENT 1B21-N0081C	CO	620	144 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Damp	Hot	Yes				
1B21N0081D	LEVEL ELEMENT 1B21-N0081D	CO	620	306 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	CI	Yes	Damp	Hot	Yes				
1B21N0091A	LEVEL ELEMENT 1B21-N0091A	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0091B	LEVEL ELEMENT 1B21-N0091B	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0091E	LEVEL ELEMENT 1B21-N0091E	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0091F	LEVEL ELEMENT 1B21-N0091F	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0094A	PRESSURE ELEMENT 1B21-N0094A	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0094B	PRESSURE ELEMENT 1B21-N0094B	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0094E	PRESSURE ELEMENT 1B21-N0094E	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0094F	PRESSURE ELEMENT 1B21-N0094F	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0095A	LEVEL ELEMENT - 1B21N0095A	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B21N0095B	LEVEL ELEMENT - 1B21N0095B	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	Yes	Damp	Hot	Yes				
1B33C0001A	RX RECIRC PUMP A	DW	599	145 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	RR	Yes	No	Hot	Yes				
1B33C0001B	RX RECIRC PUMP B	DW	599	325 DEG		IPEEE SSEL	Cat I	No		5. Horizontal Pumps	RR	Yes	Dry	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1B33P0001A	RR VLV AUX RLY PNL A	IB	620	A/02		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels	RR	No	Dry	Warm	Yes				
1B33P0001B	RR VLV AUX RLY PNL B	IB	620	A/03		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels	RR	No	Dry	Warm	Yes				
1C11B5003A	HEAT EXCHANGER 1C11B5003A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	21. Tanks and Heat Exchangers	CD	No	Dry	Warm	Yes				
1C11B5003B	HEAT EXCHANGER 1C11B5003B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	21. Tanks and Heat Exchangers	CD	No	Dry	Warm	Yes				
1C11B5008A	HEAT EXCHANGER 1C11B5008A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	21. Tanks and Heat Exchangers	CD	No	Dry	Warm	Yes				
1C11B5008B	HEAT EXCHANGER 1C11B5008B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	21. Tanks and Heat Exchangers	CD	No	Dry	Warm	Yes				
1C11C0001A	CRD Pump 1C11C0001A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	CD	No	Dry	Warm	Yes				
1C11C0001B	CRD 1C11C0001B	FH	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	CD	No	Dry	Warm	Yes			1.0077	6.06E-06
1C11C0002A	AUXILIARY OIL PUMP FOR 1C11C0001A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	CD	No	Dry	Warm	Yes				
1C11C0002B	Aux Oil Pump 1C11C0002B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	CD	No	Dry	Warm	Yes			1.0077	6.06E-06
1C11D0001	HCU (1 OF 177)	CO	620	---		IPEEE SSEL	Cat I	No	A. Reactivity Control	0. Other	CD	Yes	Damp	Hot	Yes				
1C11D0003A	Filter 1C11D0003A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0. Other	CD	No	Dry	Warm	Yes				
1C11D0003B	Filter 1C11D0003B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0. Other	CD	No	Dry	Warm	Yes				
1C11D0006	FILTER	CO	642	120 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0. Other	CD	Yes	Damp	Hot	Yes				
1C11D0013	Filter 1C11D0013	IB	574	C/08		Internal PRA	Cat I	No	A. Reactivity Control	0. Other	CD	No	Dry	Warm	Yes				
1C11F0002A	AIR VLV 1C11F0002A	CO	620	289 DEG		Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	CD	Yes	Damp	Hot	Yes			1.0094	1.20E-05
1C11F0002B	AIR VLV 1C11F0002B	CO	620	289 DEG		Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	CD	Yes	Damp	Hot	Yes			1.0094	1.20E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1C11F0003	MOTOR VLV 1C11F0003	CO	620	11 DEG		Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	CD	Yes	Damp	Hot	Yes			1.0145	3.91E-05
1C11F0009	RPS VALVE	CO	620	---		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0010	SDV VENT VALVE	CO	645	54 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0011	SDV DRAIN VALVE	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0015A	Manual Valve 1C11F015A	IB	574	C/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0136	2.72E-05
1C11F0015B	Manual Valve 1C11F0015B	IB	574	C/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0136	2.72E-05
1C11F0020A	MANUAL VLV	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0043	8.55E-06
1C11F0020B	Manual Valve 1C11F0020B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0043	8.55E-06
1C11F0021A	MANUAL VLV	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0043	8.55E-06
1C11F0021B	Manual Valve 1C11F0021B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0043	8.55E-06
1C11F0083	MOV	FH	620	C/08	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	CD	No	Humid/ Dry	Warm	Yes				
1C11F0089	AIR ISOL TO SDV FIRST VENT & DRAIN	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0094	SCRAM AIR HEADER ISOLATION VLV	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0095	SCRAM AIR HDR ISOL	CO	620	121 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0110A	RPS VALVE	CO	645	120 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	No	Damp	Warm	Yes				
1C11F0110B	RPS VALVE	CO	645	120 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0116	Manual Valve 1C11F0116	IB	574	C/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0136	2.72E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1C11F0117	Manual Valve 1C11F0117	IB	574	C/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes			1.0136	2.72E-05
1C11F0120	SCRAM DISCH VOL VAC BKR	CO	642	54 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Damp	Warm	Yes				
1C11F0122	CRD TO RR PMP	CO	620	140 DEG		Containment Isolation	Cat I	No	A. Reactivity Control	0. Other	CD	Yes	Damp	Hot	Yes				
1C11F0159A	SCRAM AIR HEADER TIMING VALVE	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0159B	SCRAM AIR HEADER TIMING VALVE	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0160A	RRCS VALVE	CO	645	120 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	No	Damp	Warm	Yes				
1C11F0160B	RRCS VALVE	CO	645	120 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0162A	RRCS VALVE	CO	633	179 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0162B	RRCS VALVE	CO	633	179 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0162C	RRCS VALVE	CO	620	190 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0162D	RRCS VALVE	CO	633	179 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0163A	RRCS VALVE	CO	620	161 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0163B	RRCS VALVE	CO	620	161 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	Yes	Damp	Hot	Yes				
1C11F0180	SDV VENT VALVE	CO	645	54 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0181	SDV DRAIN VALVE	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0182	RPS VALVE	CO	620	185 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0512	PRESS INST ROOT VLV	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F0513	PRESS INST ROOT VLV	CO	620	175 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1C11F1038A	CHECK VLV 1C11F01038	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes				
1C11F1038B	CHECK VLV 1C11F1038B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes				
1C11F1039A	CHECK VLV 1C11F1039A	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes				
1C11F1039B	CHECK VLV 1C11F1039B	IB	574	E/08		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	No	Dry	Warm	Yes				
1C11F1040	AIR REGULATING VLV	CO	620	185 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C11F1041	AIR ISO TO SDV SECOND VENT & DRAIN	CO	620	185 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	CD	Yes	Damp	Hot	Yes				
1C22P0001	ATWS PANEL	CC	654	A/03	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	CD	No	Dry	Cool	Yes				
1C22P0002	RRCS PANEL	CC	654	A/03		IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	CD	No	Dry	Cool	Yes				
1C41C0001A	MOTOR PUMP	CO	642	15 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	No	Damp	Warm	Yes	ECP 02-0184-019, MCC Compartment replaced		1.0097	1.15E-05
1C41C0001B	1C41-C0001B MOTOR PUMP	CO	642	15 DEG		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	Yes	Damp	Hot	Yes			1.0097	1.15E-05
1C41C0004	1C41-C0004 MOTOR PUMP	AX	620	D/02		Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	No	Dry	Warm	Yes				
1C41F0001A	MOTOR VALVE	CO	642	15 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	SL	No	Damp	Warm	Yes			1.0307	9.71E-04
1C41F0001B	1C41-F0001B MOTOR VALVE	CO	642	15 DEG		Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	SL	Yes	Damp	Hot	Yes			1.0308	9.74E-04
1C41F0002A	1C41-F0002A MANUAL VALVE	CO	642	290 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0002B	1C41-F0002B MANUAL VALVE	CO	642	290 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0003A	1C41-F0003A MANUAL VALVE	CO	642	---		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1C41F0003B	1C41-F0003B MANUAL VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0004A	1C41-F0004A EXPLOSIVE VALVE	CO	642	---		Internal PRA	Cat I	No	A. Reactivity Control	0. Other	SL	Yes	Damp	Hot	Yes			1.0003	1.31E-06
1C41F0004B	1C41-F0004B EXPLOSIVE VALVE	CO	642	---		Internal PRA	Cat I	No	A. Reactivity Control	0. Other	SL	Yes	Damp	Hot	Yes			1.0003	1.31E-06
1C41F0006	1C41-F0006 CHECK VALVE	CO	599	252 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0007	1C41-F0007 CHECK VALVE	DW	583	252 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Dry	Hot	Yes				
1C41F0029A	RELIEF VALVE	CO	642	285 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	SL	No	Damp	Warm	Yes				
1C41F0029B	1C41-F0029B RELIEF VALVE	CO	642	285 DEG		Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	SL	Yes	Damp	Hot	Yes				
1C41F0033A	1C41-F0033A CHECK VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0033B	1C41-F0033B CHECK VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0036	1C41-F0036 MANUAL VALVE	DW	630	235 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Dry	Hot	Yes			1.015	8.25E-07
1C41F0037A	1C41-F0037A MANUAL VALVE	CO	642	290 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0037B	1C41-F0037B MANUAL VALVE	CO	642	---		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0038A	1C41-F0038A MANUAL VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0038B	1C41-F0038B MANUAL VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0040A	1C41-F0040A MANUAL VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				
1C41F0040B	1C41-F0040B MANUAL VALVE	CO	642	300 DEG		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1C41F0527	1C41-F0527 MANUAL VALVE	IB	620	E/03		Internal PRA	Cat I	No	A. Reactivity Control	0d. Other - check/manual valve	SL	No	Dry	Warm	Yes			1.0001	2.56E-07
1C41F0563	1C41-F0563 RELIEF VALVE	AX	620	D/02		Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	SL	No	Dry	Warm	Yes				
1C41N0010A	LEVEL TRANSMITTER 1C41- N0010A	CO	642	271 DEG		Internal PRA	Cat I	No	A. Reactivity Control	18. Instrument (on) Racks	SL	Yes	Damp	Hot	Yes				
1C41N0010B	LEVEL TRANSMITTER 1C41- N0010B	CO	642	271 DEG		Internal PRA	Cat I	No	A. Reactivity Control	18. Instrument (on) Racks	SL	Yes	Damp	Hot	Yes				
1C41N0010C	LEVEL TRANSMITTER 1C41- N0010C	CO	642	271 DEG		Internal PRA	Cat I	No	A. Reactivity Control	18. Instrument (on) Racks	SL	Yes	Damp	Hot	Yes				
1C41N0010D	LEVEL TRANSMITTER 1C41- N0010D	CO	642	271 DEG		Internal PRA	Cat I	No	A. Reactivity Control	18. Instrument (on) Racks	SL	Yes	Damp	Hot	Yes				
1C61P0001	PANEL REMOTE SHUTDOWN	CC	620	B/02		Internal PRA	Cat I	No	A. Reactivity Control Operator	20. Instrument and Control Panels	RS	No	Dry	Cool	Yes				
1C61P0002	DIV 2 REMOTE S/D PNL	CC	620	A/01		IPEEE SSEL	Cat I	No	Operator	20. Instrument and Control Panels	RS	No	Dry	Cool	Yes				
1D17F0071A	DW ATM RAD MONITOR	IB	620	F/08		Containment Isolation	Cat I	No	Containment	0. Other	CM	No	Dry	Warm	Yes				
1D17F0071B	DW ATM RAD MONITOR	CO	620	150 DEG		Containment Isolation	Cat I	No	Containment	0. Other	CM	Yes	Damp	Hot	Yes				
1D17F0079A	DW ATM RAD MONITOR	IB	620	F/08		Containment Isolation	Cat I	No	Containment	0. Other	CM	No	Dry	Warm	Yes				
1D17F0079B	DW ATM RAD MONITOR	CO	620	150 DEG		Containment Isolation	Cat I	No	Containment	0. Other	CM	Yes	Damp	Hot	Yes				
1D17F0081A	CO ATM RAD MONITOR	IB	665	F/06		Containment Isolation	Cat I	No	Containment	0. Other	CM	No	Dry	Warm	Yes				
1D17F0081B	CO ATM RAD MONITOR	CO	664	216 DEG		Containment Isolation	Cat I	No	Containment	0. Other	CM	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1D17F0089A	CO ATM RAD MONITOR	IB	665	F/06		Containment Isolation	Cat I	No	Containment	0. Other	CM	No	Dry	Warm	Yes				
1D17F0089B	CO ATM RAD MONITOR	CO	664	216 DEG		Containment Isolation	Cat I	No	Containment	0. Other	CM	Yes	Damp	Hot	Yes				
1D17J0013	OFF GAS SAMPLE PANEL	OG	584	C/02		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
1D17J0014	OFF GAS VIAL SAMPLER PANEL	OG	584	C/02		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
1D23F0010A	1D23-F0010A SOLENIOD VALVE	AX	599	D/02		Internal PRA	Cat I	No	Containment	8B. Solenoid Valves	CM	No	Dry	Warm	Yes				
1D23F0010B	1D23-F0010B SOLENOID VALVE	IB	654	A/02		Internal PRA	Cat I	No	Containment	8B. Solenoid Valves	CM	No	Dry	Warm	Yes				
1E12B0001A	1E12-B0001A HEAT EXCHANGER (ESW SHELL SIDE)	AX	599-03	B/07		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	ES	No	Dry	Warm	Yes			13.6443	7.56E-03
1E12B0001B	RHR HEAT EXCHANGER	AX	599	B/04	Screens 1, 2, 3, 4a, 4b, 4c	SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes				
1E12B0001C	1E12-B0001C HEAT EXCHANGER (ESW SHELL SIDE)	AX	599-03	B/07		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	ES	No	Dry	Warm	Yes			13.6443	7.56E-03
1E12B0001D	1E12-B0001D HEAT EXCHANGER	AX	599	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	ES	Yes	No	Warm	Yes			14.4985	8.31E-03
1E12C0002A	1E12-C0002A MOTOR PUMP	AX	574	B/07		Internal PRA	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	LC	No	Dry	Warm	Yes			14.2655	7.39E-02
1E12C0002B	RHR PUMP B	AX	574	B/04	Screens 1, 2, 3, 4a, 4b, 4c	SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	6. Vertical Pumps	SF	Yes	No	Warm	Yes				
1E12C0002C	1E12-C0002C MOTOR PUMP	AX	574	B/05		Internal PRA	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	LC	Yes	Dry	Warm	Yes			0	6.16E-03

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12C0003	WATER LEG PUMP	AX	574	B/05		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	LC	No	Dry	Warm	Yes				
1E12D0501A	SPEC FLNG UPPER POOL	CO	661	32 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LC	Yes	Damp	Hot	Yes				
1E12D0501B	SPEC FLNG UPPER POOL	CO	649	300 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LC	Yes	Damp	Hot	Yes				
1E12E0001A	RHR A SP STRAINER	CO	578	41 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LC	Yes	Damp	Hot	Yes				
1E12E0001B	RHR B SP STRAINER	CO	578	315 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LC	Yes	Damp	Hot	Yes				
1E12E0001C	RHR C SP STRAINER	CO	578	348 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LC	Yes	Damp	Hot	Yes				
1E12F0003A	1E12-F0003A MOTOR VALVE	AX	574	C/06		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	1.29E-03
1E12F0003B	RHR B HX' S OUTLET VALVE	AX	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c	SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes				
1E12F0004A	1E12-F0004A MOTOR VALVE	AX	574	C/05		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	4.26E-04
1E12F0004B	1E12-F0004B MOTOR VALVE	AX	574	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	No	Warm	Yes			12.2235	4.61E-04
1E12F0005	200 PSIG SETPOINT RELIEF VALVE 1E12F005	AX	599	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes			1.0018	4.47E-06
1E12F0006A	SD COOLING SUCTION A	AX	574	C/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Dry	Warm	Yes				
1E12F0006B	SD COOLING SUCTION B	AX	574	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0008	SD COOLING SUCTION	SM	620	C/05		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			6.1398	3.44E-03

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0009	SD COOLING SUCTION	DW	607	0 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Dry	Hot	Yes			3.5704	3.44E-03
1E12F0010	SD COOLING SUCTION	CO	599	0 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0011A	RHR A STM CNDNSNG	AX	599	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0011B	RHR B STM CNDNSNG	AX	599	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0018A	RHR A MIN FLOW LINE	AX	599	C/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0018B	RHR B MIN FLOW LINE	AX	599	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0018C	RHR C MIN FLOW LINE	AX	599	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0019	Check Valve	AX	620	C/06		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0021	MOTOR VALVE 1E12F0021	AX	599	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0023	MOTOR VALVE 1E12F0023	AX	620	C/06		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	4.26E-04
1E12F0024A	1E12-F0024A MOTOR VALVE	AX	599	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			1.3965	1.42E-03
1E12F0024B	1E12-F0024B MOTOR VALVE	AX	599	C/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			1.3972	1.42E-03
1E12F0025A	500 PSIG SETPOINT RELIEF VALVE 1E12F025A	AX	599	C/06		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes			1.0004	1.02E-06
1E12F0025B	500 PSIG SETPOINT RELIEF VALVE 1E12F025B	AX	599	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes			1.0004	1.02E-06

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0025C	500 PSIG SETPOINT RELIEF VALVE 1E12F025C	AX	599	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes			1.0004	1.02E-06
1E12F0026B	TO RCIC PMP SUCTION	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0027A	1E12-F0027A MOTOR VALVE	AX	620	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0027B	1E12-F0027B MOTOR VALVE	AX	620	C/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0028A	1E12-F0028A MOTOR VALVE	CO	642	36 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			1.1864	7.03E-04
1E12F0028B	1E12-F0028B MOTOR VALVE	CO	642	330 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			1.2051	7.61E-04
1E12F0029A	RHR PUMP A MANUAL DISCH SHUTOFF VALVE	AX	574	B/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
1E12F0029B	RHR PUMP B MANUAL DISCH SHUTOFF VALVE	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes				
1E12F0029C	RHR C PMP DSCHRG ISO	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0031A	1E12-F0031A CHECK VALVE	AX	574-03	B/05		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Dry	Warm	Yes			8.8222	8.84E-05
1E12F0031B	1E12-F0031B CHECK VALVE	AX	574-06	B/03		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes			9.5379	9.65E-05
1E12F0031C	1E12-F0031C CHECK VALVE	AX	574-05	B/05		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0037A	RHR A UPPER POOL	CO	664	36 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes				
1E12F0037B	RHR B UPPER POOL	CO	642	320 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0039A	RHR A RPV ISOL VLV	CO	599	45 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0039B	RHR B RPV ISOL VLV	CO	629	225 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0039C	RHR C RPV ISOL VLV	DW	630	130 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Dry	Hot	Yes				
1E12F0040	RHR TO RADWASTE ISOL	AX	574	D/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0041A	1E12-F0041A CHECK VALVE	DW	629	54 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Dry	Hot	Yes			1.0987	4.44E-05
1E12F0041B	1E12-F0041B CHECK VALVE	DW	599	---		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Dry	Hot	Yes			1.0987	4.44E-05
1E12F0041C	1E12-F0041C CHECK VALVE	DW	599	---		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Dry	Hot	Yes			1.0987	4.44E-05
1E12F0042A	1E12-F0042A MOTOR VALVE	CO	620	45 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			11.3796	4.70E-04
1E12F0042B	1E12-F0042B MOTOR VALVE	CO	620	225 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			12.2235	5.05E-04
1E12F0042C	1E12-F0042C MOTOR VALVE	AX	620	C/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			2.6556	4.44E-05
1E12F0044A	VALVE CHK DUO 8.0 RHR 'A' LOOP - LPCI AND CONT. SPRAY	CO	642	36 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0044B	VALVE CHK DUO 8.0 RHR 'B' LOOP - LPCI AND CONT. SPRAY	CO	642	330 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0046A	1E12-F0046A CHECK VALVE	AX	574	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes			8.8222	8.84E-05
1E12F0046B	CHECK VLV	AX	574	C/03		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes			9.5379	9.65E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0046C	1E12-F0046C CHECK VALVE	AX	574	C/05		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0047A	1E12-F0047A MOTOR VALVE	AX	620	B/06		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	4.26E-04
1E12F0047B	1E12-F0047B MOTOR VALVE	AX	620	B/04		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			12.2235	4.61E-04
1E12F0048A	1E12-F0048A MOTOR VALVE	AX	599	B/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			15.4276	4.52E-02
1E12F0048B	1E12-F0048B MOTOR VALVE	AX	599	B/07	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	No	Warm	Yes			16.7165	4.87E-02
1E12F0049	RHR A TO RADWASTE ISOL	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0050A	CHECK VLV 1E12F0050A	SM	620	B/06		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0050B	CHECK VLV 1E12F0050B	SM	620	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0051A	FROM STM CNDNSNG A	AX	620	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0051B	FROM STM CNDNSNG B	AX	620	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0052A	VALVE GLB MOE 10 RCIC TURBINE STEAM SUPPLY	AX	620	C/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0052B	VALVE GLB MOE 10 RCIC TURBINE STEAM SUPPLY	AX	620	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0053A	MOTOR VALVE 1E12F0053A	AX	620	C/06		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	4.26E-04
1E12F0053B	MOTOR VALVE 1E12F0053B	AX	620	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			12.2235	4.61E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0055A	VALVE RELIEF AUTO 4.0 RHR HEAT EXCHANGER INLET RELIEF & VACUUM BREA	AX	620	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0055B	VALVE RELIEF AUTO 4.0 RHR HEAT EXCHANGER INLET RELIEF & VACUUM BREA	AX	620	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0063A	1E12-F0063A CHECK VALVE	AX	620-03	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0063B	1E12-F0063B CHECK VALVE	AX	620-03	E/03		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0063C	LPCI FM RHR C FLUSH CHECK VALVE	AX	620	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0064A	MINIMUM FLOW VALVE 1E12-F0064A	AX	574	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			11.3796	4.26E-04
1E12F0064B	Minimum Flow Valve 1E12-F0064B	AX	574	C/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes			12.2235	4.61E-04
1E12F0064C	Minimum Flow Valve 1E12-F0064C	AX	574	C/05		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0065A	THE VALVE BODY INTERNALS RHR 'A' LOOP HX	AX	574	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0065B	RHR A/RHR B X-TIE	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0066A	FPCC SUCTION ISOL VALVE	AX	574	B/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1E12F0066B	FPCC SUCTION ISOL	AX	574	B/04		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1E12F0067	RHR C SHTDN COOLING SUCTION ISOL VLV	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0071A	RHR A SUCTION HDR DRAIN VALVE	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0071B	RHR B SUCTION HDR DRAIN VALVE	AX	574	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0071C	RHR C SUCTION HDR DRAIN VALVE	AX	574	C/05		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0072A	RHR A DISCHARGE HDR DRAIN VALVE	AX	574	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0072B	RHR B DISCHARGE HDR DRAIN VALVE	AX	574	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0072C	RHR C DISCHARGE HDR DRAIN VALVE	AX	574	B/05		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0086	VALVE CHK DUO 6.0 RHR PUMP 'A' & DISCHARGES	AX	620	C/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0087A	FROM STM CNDNSNG A	AX	620	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0087B	FROM STM CNDNSNG B	AX	620	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0099A	RHR A FPCC SUPPLEMENT COOLING DISCHARGE	AX	599	C/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1E12F0099B	RHR B FPCC SUPPLEMENT COOLING DISCHARGE	AX	599	C/03		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes				
1E12F0105	1E12-F0105 MOTOR VALVE	AX	574	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0300A	1E12-F0300A AIR VALVE	AX	620	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0300B	1E12-F0300B AIR VALVE	AX	620	C/04		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0300C	AIR OPER BTTRFLY VLV	AX	620	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	Yes	Dry	Warm	Yes				
1E12F0305A	AIR OPER BTTRFLY VLV	CO	642	36 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	Yes	Damp	Hot	Yes				
1E12F0305B	AIR OPER BTTRFLY VLV	CO	642	330 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LC	Yes	Damp	Hot	Yes				
1E12F0310	COND. X-FER ISOLATION TO RCIC & RAR LO	AX	620	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LC	No	Dry	Warm	Yes				
1E12F0502A	VALVE GTE MAN 6.0	AX	574	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0502B	VALVE GTE MAN 6.0	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0502C	RHR HX C SHELL SIDE FIRST DRAIN VALVE	AX	574	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0502D	RHR HX D SHELL SIDE FIRST DRAIN VALVE	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0503A	VALVE GTE MAN 6.0	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0503B	VALVE GTE MAN 6.0	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0503C	RHR HX C SHELL SIDE SECOND DRAIN VALVE	AX	574	B/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0503D	VALVE GTE MAN 6.0	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0504	VALVE GTE MAN 8.0	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0511A	RHR A COMBINED DRN TO CRW	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12F0511B	VALVE GTE MAN 8.0	AX	574	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0537A	1E12-F0537A MOTOR VALVE	CO	689	36 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			1.1864	7.03E-04
1E12F0537B	1E12-F0537B MOTOR VALVE	CO	689	330 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	Damp	Hot	Yes			1.2051	7.61E-04
1E12F0550	RHR CMN SHTDWN COOLING IN DW	CO	599	---		Containment Isolation	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	Yes	Damp	Hot	Yes				
1E12F0552B	RHR LOOP B TO FPCC STOP CHECK	AX	599	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LC	No	Dry	Warm	Yes				
1E12F0609	GATE VALVE 6" 300# MOV FPCC-SIPH. FROM SPENT F/S	AX	603	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	No	Dry	Warm	Yes				
1E12F0621	RHR ISO VALVE	AX	599	C/06		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1E12N0014A	RHR A FLOW ELEMENT	AX	599	C/06		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	Yes	Dry	Warm	Yes				
1E12N0014B	RHR B FLOW ELEMENT	AX	599	C/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0014C	RHR C FLOW ELEMENT	AX	574	C/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0015A	FLOW TRANSMITTER	AX	574	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0015B	FLOW TRANSMITTER	AX	574	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0015C	FLOW TRANSMITTER	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0052A	FLOW TO RPV	AX	574	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E12N0052B	FLOW TO RPV	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0052C	FLOW TO RPV	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E12N0058A	LPCI Train A Low Pressure Permissive Sensor	CO	620	54 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LC	Yes	Damp	Hot	Yes				
1E12N0058B	PRESS SENSOR	CO	620	216 DEG		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LC	Yes	Damp	Hot	Yes				
1E12N0058C	PRESS SENSOR	AX	574	B/04		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LC	No	Dry	Warm	Yes				
1E21C0001	LPCS MOTOR PUMP	AX	574	B/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	6. Vertical Pumps	LP	No	No	Warm	Yes			1.0633	3.02E-04
1E21C0002	WATER LEG PUMP	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	LP	No	Dry	Warm	Yes				
1E21D0001	RO MIN FLOW LINE	AX	574	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LP	No	Dry	Warm	Yes				
1E21D0002	RESTRIC ORIFICE	AX	599	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LP	No	Dry	Warm	Yes				
1E21D0004	RESTRIC ORIFICE	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LP	No	Dry	Warm	Yes				
1E21D0005	SPEC FLANGE	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LP	No	Dry	Warm	Yes				
1E21E0001	LPCS SP STRAINER	CO	578	62 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	LP	Yes	Damp	Hot	Yes				
1E21F0001	Motor Valve	AX	574	D/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LP	No	No	Warm	Yes			1.021	8.61E-07
1E21F0003	1E21-F0003 CHECK VALVE	AX	574	C/08		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0004	F0003 BYPASS VLV	AX	574	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E21F0005	1E21-F0005 MOTOR VALVE	AX	620	D/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LP	No	Dry	Warm	Yes			1.3449	1.92E-04
1E21F0006	1E21-F0006 CHECK VALVE	DW	630	110 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	Yes	Dry	Hot	Yes			1.0206	2.34E-05
1E21F0007	1E21-F0007 MANUAL VALVE	DW	630	110 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	Yes	Dry	Hot	Yes				
1E21F0008	MAUAL GATE VALVE 6"	AX	574	D/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0011	Minimum Flow Valve1E21-F0011	AX	599	D/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LP	No	Dry	Warm	Yes			1.021	8.61E-07
1E21F0012	1E21F0012	AX	599	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LP	No	Dry	Warm	Yes			1.021	8.61E-07
1E21F0018	500 PSIG SETPOINT RELIEF VALVE 1E21F018	AX	599	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	7. Pneumatic-Operated Valves	LP	No	Dry	Warm	Yes			1.0004	1.02E-06
1E21F0025	1E21-F0025 MANUAL VALVE	AX	620	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes			1.0058	1.15E-05
1E21F0032	LPCS WTR LEG PUMP SUCTION VLV	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0033	LPCS & RHR 'A' WATERLEG PMP DISCH CHCK VLV LPCS KEEP FILL PUMP C002	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0034	WL PMP DISCHRG ISOL	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0501	1E21-F0501 CHECK VALVE	AX	599	C/07		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21F0506	VALVE GLB MAN 0.75	AX	574	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	LP	No	Dry	Warm	Yes				
1E21N0002	LPCS FLOW ELEMENT	AX	574	C/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LP	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E21N0003	FLOW TRANSMITTER	AX	574	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LP	No	Dry	Warm	Yes				
1E21N0050	Pressure sensor	AX	574	C/08	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	No	Warm	Yes				
1E21N0051	FLOW TRANSMITTER	AX	574	C/08		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	LP	No	Dry	Warm	Yes				
1E21N0052	PRESSURE TRANSMITTER	AX	574	C/08		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	Dry	Warm	Yes				
1E21N0053	PRESSURE TRANSMITTER	AX	574	C/08		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	Dry	Warm	Yes				
1E21N0650	TRIP UNIT	CC	654	C/05		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	Dry	Cool	Yes				
1E21N0652	TRIP UNIT	CC	654	C/05		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	Dry	Cool	Yes				
1E21N0653	TRIP UNIT	CC	654	C/05		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	Dry	Cool	Yes				
1E22A0004A	RT BNK AIR RCVR TNK	DG	620	B/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	HP	No	Dry	Warm	Yes				
1E22A0004B	LFT BNK AIR RCVR TNK	DG	620	B/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	HP	No	Dry	Warm	Yes				
1E22A5000	WATER EXPANSION TNK	DG	620	C/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	HP	No	Dry	Warm	Yes				
1E22B5000A	DIV 3 DIESEL AIR START TRAIN B COMP & DRYER AFTER COOLER - START AIR COMPRESSOR	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	DH	No	Dry	Warm	Yes				
1E22B5000B	DIV 3 DIESEL AIR START TRAIN B COMP & DRYER AFTER COOLER - START AIR COMPRESSOR	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	DH	No	Dry	Warm	Yes				
1E22B5002	Jacket Water Heat Exchanger 1E22-B5002	DG	620	C/01		Internal PRA	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	DH	No	Dry	Warm	Yes			1.5823	1.64E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E22B5003	Division 3 D/G Lube Oil Cooler	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	DH	No	No	Warm	Yes				
1E22C0001	HPCS MOTOR DRIVEN PUMP	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	6. Vertical Pumps	DH	No	No	Warm	Yes	ECP 09-0821-001, Motor replacement		3.7642	1.27E-02
1E22C0003	WATER LEG PUMP	AX	574	B/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	DH	No	Dry	Warm	Yes				
1E22C0004B		DG	620	B/02		Internal Flood Panels	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	DH	No	Dry	Warm	Yes				
1E22C0006		DG	620	B/02		Internal Flood Panels	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	DH	No	Dry	Warm	Yes				
1E22D0006	INTAKE FILTER	DG	646	B/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	DH	No	Dry	Warm	Yes				
1E22D0008	EXHAUST SILENCER	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	DH	No	Dry	Warm	Yes				
1E22D5000A	D/G STRTNG AIR DRYER	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	10. Air Handlers	DH	No	Dry	Warm	Yes				
1E22D5000B	D/G STRTNG AIR DRYER	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	10. Air Handlers	DH	No	Dry	Warm	Yes				
1E22D5006	FILTER, HPCS DIESEL MAIN LUBE OIL	DG	620	C/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	DH	No	Dry	Warm	Yes				
1E22E0001	HPCS SP STRAINER	CO	574	15 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	HP	Yes	Damp	Hot	Yes				
1E22F0001	MOTOR VLV 1E22F0001 NO -	AX	574	B/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	Dry	Warm	Yes			3.5003	6.77E-03
1E22F0002	1E22-F0002 CST SUCTION LINE	AX	574	B/03		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes			1.4393	4.96E-06
1E22F0003	1E22-F0003 CHECK VALVE	AX	620	D/02		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E22F0004	MOTOR VALVE	AX	620	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	No	Warm	Yes			3.7286	7.39E-03
1E22F0005	1E22-F0005 CHECK VALVE	DW	630	260 DEG		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	Yes	Dry	Hot	Yes			1.9152	1.03E-05
1E22F0006	HPCS WATERLEG PUMP DISCH ISOL VALVE	AX	574	C/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0007	HPCS KEEP FILL DISCHARGE CHECK VALVE	AX	568	C/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0008	VALVE DIA MAN 0.75 1500	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0009	VALVE DIA MAN 0.75 1500	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0010	MOV	AX	574	D/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	No	Warm	Yes				
1E22F0011	1E22-F0011 MOV	AX	574	D/02		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	Dry	Warm	Yes				
1E22F0012	1E22-F0012 MOTOR VALVE	AX	620	D/03		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	Dry	Warm	Yes			3.7286	7.36E-03
1E22F0015	1E22-F0015 MOTOR VALVE	AX	574	D/02		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	Dry	Warm	Yes			3.5003	6.74E-03
1E22F0016	1E22-F0016 CHECK VALVE	AX	574-07	D/03		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes			1.708	8.00E-06
1E22F0019	HPCS TO CRW	AX	586	D/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0023	1E22-F0023 MOV	AX	620	E/02		Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	Dry	Warm	Yes			2.4268	6.55E-05
1E22F0024	PUMP DISC CHECK VALVE	AX	574	C/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	No	Warm	Yes			1.9152	1.03E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E22F0026	F0024 BYPASS VLV	AX	574	C/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0031	1E22-F0031 MANUAL VALVE	AX	620	D/02		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes			1.0001	2.56E-07
1E22F0033	HPCS WATERLEG PUMP MIN FLOW ISOL VALVE	AX	568	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0034	HPCS WATERLEG PUMP SUCTION ISOLATION V	AX	568	C/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22F0036	HPCS RPV ISOL VLV	DW	630	62 DEG		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	Yes	Dry	Hot	Yes				
1E22F0039	VALVE CHECK LF 1 1500	AX	574	D/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	Dry	Warm	Yes				
1E22K0650	125 VDC/24 VDC CONVERTER 1E22-K650	CC	654	B/04		Internal PRA	Cat I	No	C. RCS Inventory Control	16. Battery Chargers and Inverters	HP	No	Dry	Cool	Yes			5.386	3.88E-04
1E22N0005	FLOW TRANSMITTER	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	HP	No	No	Warm	Yes				
1E22N0007	HPCS FLOW ELEMENT	AX	574	D/02		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	HP	No	Dry	Warm	Yes				
1E22N0051	PRESSURE TRANSMITTER	AX	574	B/03		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	HP	No	Dry	Warm	Yes				
1E22N0056	FLOW TRANSMITTER	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	HP	No	Dry	Warm	Yes				
1E22N0651	TRIP UNIT	CC	654	B/04		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	HP	No	Dry	Cool	Yes				
1E22N0654C	MASTER TRIP UNIT	CC	654	B/04		IPEEE SSEL	Cat I	No	3. ESFAS	20a. Inst & Control Panel in Cabinet	HP	No	Dry	Cool	Yes				
1E22N0654G	SLAVE TRIP UNIT	CC	654	B/04		IPEEE SSEL	Cat I	No	3. ESFAS	20a. Inst & Control Panel in Cabinet	HP	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E22N0656	TRIP UNIT	CC	654	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	HP	No	Dry	Cool	Yes				
1E22P0001	HPCS DIESEL GENERATOR CONTROL PANEL	DG	620	B/02		Internal PRA	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	DH	No	Dry	Warm	Yes				
1E22P0002	HPCS DIESEL GEN CT & PT CUBICLE PANEL	DG	620-646	B/02		Internal PRA	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	DH	No	Dry	Warm	Yes				
1E22P0003	STARTING AIR COMPRESSORCONTROL PANEL (1E22B-TB16)	DG	620	B/01		Internal PRA	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	DH	No	Dry	Warm	Yes				
1E22S0001	Division 3 HPCS Diesel Generator	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	17. Engine Generators	DH	No	No	Warm	Yes			2.0413	1.78E-02
1E22S0004	STARTING AIR SKID	DG	620	B/01		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0. Other	DH	No	Dry	Warm	Yes				
1E22S0005	Unit 1 Div 3 Battery	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes	ECP 99-5010, Equipment Upgrades			
1E22S0006	EFD-1-C Battery Charger 1E22-S0006	CC	620	B/04		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
1E51B0002	RCIC Lube Oil Cooler	AX	574	B/06	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	21. Tanks and Heat Exchangers	RC	No	Humid	Hot	Yes				
1E51C0001	1E51-C0001 TURBINE PUMP	AX	574	B/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	5. Horizontal Pumps	RC	No	Dry	Warm	Yes			3.2109	3.02E-02
1E51C0002	WATER LEG PUMP	AX	574	B/06		Internal Flood Panels	Cat I	No	D. RCS Suppression Pool Heat Removel	5. Horizontal Pumps	RC	No	Dry	Warm	Yes				
1E51C0003	WATER LEG PUMP	AX	574	B/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	5. Horizontal Pumps	RC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E51D0001	RUPTURE DISK	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0. Other	RC	No	Dry	Warm	Yes				
1E51D0002	RUPTURE DISK	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0. Other	RC	No	Dry	Warm	Yes				
1E51D0005	RO MIN FLOW LINE	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0. Other	RC	No	Dry	Warm	Yes				
1E51E0001	RCIC SP STRAINER	CO	574	34 DEG		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0. Other	RC	Yes	Damp	Hot	Yes				
1E51F0010	1E51-F0010 MOTOR VALVE	AX	574	B/05		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes			1.5057	6.92E-05
1E51F0011	1E51-F0011 CHECK VALVE	AX	574-04	B/05		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes			1.1315	1.49E-06
1E51F0013	1E51-F0013 MOTOR VALVE	AX	620	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes			3.0028	5.40E-03
1E51F0015	RCIC LO CLR FLOW REG	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes				
1E51F0019	1E51-F0019 MOTOR VALVE	AX	599	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes			3.0028	5.40E-03
1E51F0021	1E51-F0021 CHECK VALVE	AX	599-03	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes			1.2574	2.91E-06
1E51F0022	MOTOR VLV NC	AX	576	C/05		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E51F0030	1E51-F0030 CHECK VALVE	AX	574-04	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes			1.1315	1.49E-06
1E51F0031	MOTOR VALVE 1E51F0031 NO -	AX	574	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes			2.349	3.69E-03
1E51F0040	1E51-F0040 CHECK VALVE	AX	608	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes			1.2574	2.91E-06
1E51F0045	MOTOR VALVE	AX	574	C/05	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Humid	Hot	Yes	ECP 96-5089 Install Torque Limit Switch		3.0028	1.01E-02
1E51F0046	RCIC LO CLR INLET	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes				
1E51F0059	MOTOR VLV NC	AX	576	C/05		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes				
1E51F0063	1E51-F0063 MOTOR VALVE	DW	626	0 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	Yes	Dry	Hot	Yes			1.7486	3.07E-05
1E51F0064	1E51-F0064 MOTOR VALVE	SM	625	C/05		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	Yes	Damp	Hot	Yes			1.7486	3.07E-05
1E51F0065	1E51-F0065 CHECK VALVE	SM	620	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	Yes	Damp	Hot	Yes			1.2574	2.91E-06
1E51F0066	1E51-F0066 CHECK VALVE	DW	699	121 DEG		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	Yes	Dry	Hot	Yes			1.2574	2.91E-06
1E51F0068	1E51-F0068 MOTOR VALVE	AX	599	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes			1.7486	3.07E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E51F0076	INBRID RCIC STM LINE	DW	626	0 DEG		Containment Isolation	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	Yes	Dry	Hot	Yes				
1E51F0077	RCIC TURB & EXHAUST TO SUP POOL	AX	615	C/06		Containment Isolation	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes				
1E51F0501	RCIC PMP ISOL VLV	AX	574	B/05		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes				
1E51F0502	RCIC PMP ISOL VLV	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes				
1E51F0510	RCIC TURB TRIP-TRTTL	AX	579	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Dry	Warm	Yes				
1E51F0511	RCIC TURB GOVERNING	AX	579	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes				
1E51F0577	1E51-F0577 CHECK VALVE	AX	574	C/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	0d. Other - check/manual valve	RC	No	Dry	Warm	Yes			1.2574	2.91E-06
1E51N0001	RCIC FLOW ELEMENT	AX	574	C/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0003	FLOW TRANSMITTER	AX	575	A/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0007	PRESSURE TRANSMITTER	AX	568	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0036A	LEVEL ELEMENT 1E51N0036A	AX	574	D/01		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1E51N0036E	LEVEL ELEMENT 1E51N0036E	AX	574	D/01		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0050	PRESSURE TRANSMITTER	AX	574	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0051	FLOW TRANSMITTER	AX	578	A/06		IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0052	PRESSURE TRANSMITTER	AX	574	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0053	PRESSURE TRANSMITTER	AX	574	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0055A	PRESS SENSOR	AX	574	A/06	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Humid	Hot	Yes				
1E51N0055B	PRESS SENSOR 1E51N0055B	AX	574	B/04		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0055E	PRESS SENSOR 1E51N0055E	AX	574	A/06		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0055F	PRESS SENSOR 1E51N0055F	AX	574	B/04		Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0056A	PRESSURE TRANSMITTER	AX	574	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1E51N0056E	PRESSURE TRANSMITTER	AX	574	A/06		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Dry	Warm	Yes				
1G33F0001	1G33-F0001 MOTOR VALVE	DW	619	10 DEG		Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	SL	Yes	Dry	Hot	Yes			1.0004	9.85E-07
1G33F0004	1G33-F0004 MOTOR VALVE	SM	620	C/05		Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	SL	Yes	Damp	Hot	Yes			1.0003	6.87E-07
1G33F0028	RWCU TO RADWASTE	CO	642	0 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G33F0034	RWCU TO RADWASTE	SM	630	C/05		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1G33F0039	RWCU HEADER TO REACTOR VESSEL FEEDWATER HEADE	SM	620	C/06		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G33F0040	REACTOR WATER CLEAN-UP - BLOW DOWN PIPING	CO	642	20 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G33F0053	REACTOR WATER CLEAN-UP - BLOW DOWN PIPING	CO	620	345 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G33F0054	RWCU HEADER FROM RWCU PUMPS 1G33C001A & C001B	SM	620	C/04		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G41F0090	CONTAINMENT POOL INFLUENT. FL	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	No	Dry	Warm	Yes				
1G41F0100	OB G41-F0100	IB	620	F/08		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1G41F0140	IB G41-F0140 NO -	CO	620	234 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes			4.0828	2.97E-03
1G41F0145	CNTMT POOLS RTN OTBD ISOL	IB	620	D/05	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes			5.2452	8.51E-03
1G41F0513	INBRD OF F0140	CO	620	220 DEG		IPEEE SSEL	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1G41F0522	IB CV G41-F0522	AX	620	C/05		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	No	Dry	Warm	Yes				
1G42F0010	SPCU PMP SUCTION	AX	568	C/02		IPEEE SSEL	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1G42F0020	SPCU PMP SUCTION	AX	568	C/02		IPEEE SSEL	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1G43F0030A	1G43-F0030A MOTOR VALVE	CO	664	45 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	SM	Yes	Damp	Hot	Yes			0	3.41E-07
1G43F0030B	1G43-F0030B MOTOR VALVE	CO	664	335 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	SM	Yes	Damp	Hot	Yes			0	3.41E-07
1G43F0040A	1G43-F0040A MOTOR VALVE	CO	664	45 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	SM	Yes	Damp	Hot	Yes			0	3.41E-07

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1G43F0040B	1G43-F0040B MOTOR VALVE	CO	642	310 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	SM	Yes	Damp	Hot	Yes			0	3.41E-07
1G43F0050A	1G43-F0050A SOLENOID VALVE	AX	574	B/07		Internal PRA	Cat I	No	Containment	8B. Solenoid Valves	SM	No	Dry	Warm	Yes				
1G43F0050B	1G43-F0050B SOLENOID VALVE	AX	574	C/02		Internal PRA	Cat I	No	Containment	8B. Solenoid Valves	SM	No	Dry	Warm	Yes				
1G43N0060A	LEVEL TRANSMITTER	AX	574	D/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	No	Warm	Yes				
1G43N0060B	LEVEL TRANSMITTER	AX	574	C/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	No	Warm	Yes				
1G43N0070A	LEVEL TRANSMITTER 1G43-N0070A	AX	574	E/01		Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	Dry	Warm	Yes				
1G43N0070B	LEVEL TRANSMITTER 1G43-N0070B	AX	574	C/02		Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	Dry	Warm	Yes				
1G50F0272	IB G50-F0272	CO	642	34 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G50F0277	OB G50-F0277	SM	620	C/04		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G61F0075	IB G61-F0075	CO	599	34 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G61F0080	OB G61-F0080	AX	620	D/04		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1G61F0165	IB G61-F0165	CO	599	34 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1G61F0170	OB G61-F0170	AX	620	D/04		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1H13P0601	ECCS BENCHBOARD	CC	654	B/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0610	CONTROL ROD TEST PANEL	CC	654	B/04		Internal Flood Panels	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	CD	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0612	FDW & RR VERT BOARD	CC	654	B/02		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0613	PROCESS INSTRUMENTATI ON VERT. BOARD	CC	654	B/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0614	NSSS RECORDER PANEL	CC	654	B/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0618	DIV 2 RHR RELAY PNL	CC	654	B/05		Internal Flood Panels	Cat I	No	D. RCS Suppression Pool Heat Removel	20. Instrument and Control Panels	RC	No	Dry	Cool	Yes				
1H13P0621	RCIC RELAY PANEL	CC	654	B/04		Internal Flood Panels	Cat I	No	D. RCS Suppression Pool Heat Removel	20. Instrument and Control Panels	RC	No	Dry	Cool	Yes				
1H13P0622	INBRD VLV RLY V.B.	CC	654	C/05		Internal Flood Panels	Cat I	No	Containment	20. Instrument and Control Panels	CI	No	Dry	Cool	Yes				
1H13P0623	OUTBRD VLV RLY V.B.	CC	654	C/05		Internal Flood Panels	Cat I	No	Containment	20. Instrument and Control Panels	CI	No	Dry	Cool	Yes				
1H13P0625	HPCS RELAY PANEL	CC	654	B/04		Internal Flood Panels	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	HP	No	Dry	Cool	Yes				
1H13P0628	ADS CHNL A RELAY BRD	CC	654	C/05		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	20. Instrument and Control Panels	AD	No	Dry	Cool	Yes				
1H13P0629	DIV 1 LPCS & RHR RLY	CC	654	C/05		Internal Flood Panels	Cat I	No	3. ESFAS	20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0630	ANNUNC SOE RECORDER	CC	654	A/02		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0631	ADS CHNL B RELAY BRD	CC	654	A/04		IPEEE SSEL	Cat I	No	B. RCS Pressure Control	20. Instrument and Control Panels	AD	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0632	DIV 1 LK DET MON PNL	CC	654	B/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0640	ERIS TEST PANEL	CC	654	B/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0642	DIV 2 LK DET MON PNL	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0669	NEUTRON MONIT CAB	CC	654	B/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0670	NEUTRON MONIT CAB	CC	654	A/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0671	NEUTRON MONIT CAB	CC	654	A/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0672	NEUTRON MONIT CAB	CC	654	B/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0680	PLANT CNTRL CONSOLE	CC	654	B/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0691	RPS LOGIC DIV A VB	CC	654			Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0692	RPS LOGIC DIV B VB	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0693	RPS LOGIC DIV C VB	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0694	RPS LOGIC DIV D VB	CC	654	B/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0701	TERMINATION CABINET	CC	654	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	No	Dry	Cool	Yes				
1H13P0702	TERMINATION CABINET	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0703	TERMINATION CABINET	CC	654	A/03		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0704	TERMINATION CABINET	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0710	TERMINATION CABINET	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0712	TERMINATION CABINET	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0713	TERMINATION CABINET	CC	654	B/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0714	TERMINATION CABINET	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0715	TERMINATION CABINET	CC	654	B/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0717	TERMINATION CABINET	CC	654	B/04		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0730	TERMINATION CABINET	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0740	TERMINATION CABINET	CC	654	A/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0741	TERMINATION CABINET	CC	654	B/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0742	TERMINATION CABINET	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0743	TERMINATION CABINET	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0743B		CC	620	---		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0745	1H13P0743B	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0746	1H13P0743B	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0747	1H13P0743B	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0748	1H13P0743B	CC	654	B/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0800	HVAC CONTROL PANEL	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0808	GENERATOR RELAY VERTICAL BOARD	CC	654	A/02		Internal Flood Panels	Cat I	No	3. ESFAS	20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0809	START UP XFMER RELAY PANEL	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0811	ELECTRICAL RECORDER PANEL	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0864	ANLG LOOP B INST PNL	CC	654	A/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0865	ANLG LOOP A INST PNL	CC	654	B/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0866	A AUX RELAY PANEL	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0867	B AUX RELAY PANEL	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0868	ANLG LOOP DIV 2 INST	CC	654	A/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0869	ANLG LOOP DIV 1 INST	CC	654	B/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0870	LONG RESPNS BNCH BRD	CC	654	B/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0871	DIV 2 AUX RELAY PNL	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0872	DIV 1 AUX RELAY PNL	CC	654	B/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0873	DIV 3 AUX RELAY PNL	CC	654	A/04		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0877	D/G BENCH BOARD	CC	654	A/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H13P0881	DIV 1 CNT/DW ISO PNL	CC	654	A/03		Internal Flood Panels	Cat I	No	Containment	20. Instrument and Control Panels	CI	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H13P0882	DIV 2 CNT/DW ISO PNL	CC	654	A/03		Internal Flood Panels	Cat I	No	Containment	20. Instrument and Control Panels	CI	No	Dry	Cool	Yes				
1H22P0001	LOCAL INSTRUMENT RACK	AX	574	C/08		Internal PRA	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LP	No	Dry	Warm	Yes				
1H22P0004A	RPV LVL & PRESS RCK	CO	620	54 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	No/Yes	Damp	Warm	Yes				
1H22P0004B	RPV LVL & PRESS RCK	CO	620	34 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	Yes	Damp	Hot	Yes				
1H22P0004C	RPV LVL & PRESS RCK	CO	620	30 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	Yes	Damp	Hot	Yes				
1H22P0005	RPV LVL/PR INS RCK C	CO	620	150 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	Yes	Damp	Hot	Yes				
1H22P0006	RR PUMP INST RACK A	CO	620	150 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels	RR	Yes	Damp	Hot	Yes				
1H22P0009	JET PMP INST RACK B	CO	620	310 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels	RR	Yes	Damp	Hot	Yes				
1H22P0011	STANDBY LIQUID CONTROL INSTRUMENT RACK	DW	630	306 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	Yes	No	Hot	Yes				
1H22P0015		CO	620	45 DEG		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		Yes	Damp	Hot	Yes				
1H22P0017	RCIC INSTUMENT RACK	AX	568	A/06		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	20. Instrument and Control Panels	RC	No	Dry	Warm	Yes				
1H22P0018	RHR A INST RACK	AX	568	B/07		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LP	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H22P0021	RESIDUAL HEAT REMOVAL INSTUMENT RACK B	AX	574	B/04		Internal PRA	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LP	No	Dry	Warm	Yes				
1H22P0022	RR PUMP INST RACK B	CO	620	320 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels	RR	Yes	Damp	Hot	Yes				
1H22P0024	HPCS INST RACK	AX	574	B/03		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	HP	No	Dry	Warm	Yes				
1H22P0026	RPV LVL/PR INS RCK D	CO	620	306 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	Yes	Damp	Hot	Yes				
1H22P0027	RPV LVL/PR INS RCK B	CO	620	227 DEG		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	Yes	Damp	Hot	Yes				
1H22P0055	RHR C INST RACK	AX	574	B/04		IPEEE SSEL	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	LP	No	Dry	Warm	Yes				
1H22P0090	SRV POS MON INST RCK	CC	638	B/05		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P0013		TP	568	B/08		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Warm	Yes				
1H51P0037	ECCS pump room cool HVAC control panel.	AX	599	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	6. HVAC	20. Instrument and Control Panels	EP	No	No	Warm	Yes				
1H51P0042	PANEL M-35 SYSTEM HVAC	OG	635	D/05		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels	TB	No	Dry	Warm	Yes				
1H51P0051	SVCE AIR COMP CONTROL PANEL	CC	574	A/04		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P0054A	STANDBY DIESEL-ENGINE CONTROL PANEL	DG	620	D/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H51P0054B	STANDBY DIESEL- ENGINE CONTROL PANEL	DG	620	B/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0055A	STANDBY DIESEL GEN. CONTROL PANEL	DG	620	D/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0055B	STAND-BY DIESEL GEN. CONTROL PANEL	DG	620	B/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0057	INSTR AIR COMP CONTROL PANEL	CC	574	A/04		Internal PRA	Cat I	No	5. Compressed Air	20. Instrument and Control Panels	IA	No	Dry	Cool	Yes				
1H51P0094	DIV 1 H2 RECOM PNL A	CC	620	B/01		IPEEE SSEL	Cat I	No	Containment	20. Instrument and Control Panels	H2	No	Dry	Cool	Yes				
1H51P0095	DIV 2 H2 RECOM PNL B	CC	620	A/01		IPEEE SSEL	Cat I	No	Containment	20. Instrument and Control Panels	H2	No	Dry	Cool	Yes				
1H51P0157	PANEL M-35 SYSTEM HVAC INSTRUMENT ENCLOSURE A	OG	635	A/02		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels	TB	No	Dry	Warm	Yes				
1H51P0159	PANEL M-35 SYSTEM HVAC INSTRUMENT ENCLOSURE B	OG	635	A/04		Internal PRA	Cat I	No	6. HVAC	20. Instrument and Control Panels	TB	No	Dry	Warm	Yes				
1H51P0160	PANEL WALL MOUNTED	OG	635	D/05		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
1H51P0753A	PANEL ESW LOOP A STRAINER CONTROL	EW	586	D/05		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
1H51P0753B	PANEL	EW	586	D/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
1H51P0754	PANEL	EW	586	D/01		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H51P0769	ECC TEMP INST PANEL	AX	599	B/02		IPEEE SSEL	Cat I	No	6. HVAC	20. Instrument and Control Panels	EP	No	Dry	Warm	Yes				
1H51P0846B		IB	639	G/05		Internal Flood Panels	Cat I	No	Containment	20. Instrument and Control Panels		No	Dry	Warm	Yes				
1H51P0870	LOCAL RELAY PANEL	CC	620	C/05		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P0871	RELAY PANEL FOR 4KV BREAKER	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	1. AC Power	20. Instrument and Control Panels	EP	No	Dry	Cool	Yes				
1H51P0872	RELAY PANEL FOR 4KV BREAKER	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Cool	Yes				
1H51P0879	DIV. 3 LOCAL RELAY PANEL	DG	620	B/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0896A		DG	620	C/03		Internal Flood Panels	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0896B		CC	620	B/001		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P0896C		DG	620	C/03		Internal Flood Panels	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0945		CC	620	A/05		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P0947	120V AC FUSE PANEL FOR CONTAINMENT PENETRATION SYSTEM	IB	639	J/05		Internal PRA	Cat I	No	Containment	20. Instrument and Control Panels	CI	No	Dry	Warm	Yes				
1H51P0973	PANEL - RCIC SYSTEM PROCESS INSTRUMENTATION EQUIPMENT	AX	568	A/006		Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	20. Instrument and Control Panels	RC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H51P0975	Div 2 pump cooling cooling HVAC control panel	AX	599	E/07	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	6. HVAC	20. Instrument and Control Panels	EP	No	No	Warm	Yes				
1H51P0990A	STANDBY DIESEL	DG	620	---		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P0990B	STANDBY DIESEL	DG	620	B/04		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P1046	PANEL FOR G43-N060A	AX	574	D/01		Internal PRA	Cat I	No	Spent Fuel Pool Cooling	20. Instrument and Control Panels	SF	No	Dry	Warm	Yes				
1H51P1089	PANEL	AX	584	D/01		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
1H51P1111	PANEL FOR G43N060B	AX	574	C/02		Internal PRA	Cat I	No	Spent Fuel Pool Cooling	20. Instrument and Control Panels	SF	No	Dry	Warm	Yes				
1H51P1115	PANEL	AX	574	B/04		Internal Flood Panels	Cat I	No	Spent Fuel Pool Cooling	20. Instrument and Control Panels	SF	No	Dry	Warm	Yes				
1H51P1121	PANEL FOR G43-N070B	AX	574	C/02		Internal PRA	Cat I	No	Spent Fuel Pool Cooling	20. Instrument and Control Panels	SF	No	Dry	Warm	Yes				
1H51P1127	PANEL FOR E22-N054C	TB	620	A/17		Internal Flood Panels	Cat I	No	C. RCS Inventory Control	20. Instrument and Control Panels	HP	Yes	Dry	Warm	Yes				
1H51P1128	PANEL FOR E51N035A	TB	620	A/17		Internal Flood Panels	Cat I	No	D. RCS Suppression Pool Heat Removel	20. Instrument and Control Panels	RC	Yes	Dry	Warm	Yes				
1H51P1134	PANEL	EW	586	D/01		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
1H51P1135	PANEL	EW	586	D/05		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H51P1136	PANEL	EW	586	D/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
1H51P1137	PANEL	EW	586	C/01		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Wet	Cool	Yes				
1H51P1173	PANEL	AX	574	E/01		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				
1H51P1178	PANEL	CC	574	B/04		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
1H51P1187	PANEL FOR P45N071A	OG	620	C/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Warm	Yes				
1H51P1188	PANEL FOR P45N071B	OG	620	A/02		Internal PRA	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Warm	Yes				
1H51P1189	RACK FOR 1P45-N0206	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P1335	SDV LOCAL INST RACK	DW	620	105 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	Yes	No	Hot	Yes				
1H51P1336	SDV LOCAL INST RACK	DW	620	93 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Hot	Yes				
1H51P1338	SDV LOCAL INST RACK	DW	620	254 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Hot	Yes				
1H51P1339	SDV LOCAL INST RACK	DW	620	250 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		Yes	Dry	Hot	Yes				
1H51P1341	LOCAL INSTRUMENT RACK	AX	568 - 574			Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1H51P1362	DIV 3 FO STRNR INST	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P1363	LOCAL INSTRUMENT RACK	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P1367	LOCAL INS RACK	CO	642	2 DEG		IPEEE SSEL	Cat I	No		20. Instrument and Control Panels		Yes	Damp	Hot	Yes				
1H51P1377	SLC LOCAL INST RACK	CO	642	270 DEG		IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	Yes	Damp	Hot	Yes				
1H51P1421	INSTR RACK FOR HPCS DIESEL GEN PRESSURE SWITCHES	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	No	Warm	Yes				
1H51P5248	LOCAL PANELS AND RACKS NON-GE	DG	620	A/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1H51P5254A	SR IA INST RACK	IB	620	A/09		IPEEE SSEL	Cat I	No	5. Compressed Air	20. Instrument and Control Panels	SI	No	Dry	Warm	Yes				
1H51P5254B	SR IA INST RACK	AX	620	B/07		IPEEE SSEL	Cat I	No	5. Compressed Air	20. Instrument and Control Panels	SI	No	Dry	Warm	Yes				
1H51P5286	LOCAL STARTER/CONTROL PANEL FOR 1C41C0	AX	620	E/2		Internal Flood Panels	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	No	Dry	Warm	Yes				
1M14F0040	1M14-CNTMT VESSEL PURGE SUPPLY 42IN LINE	AN	689	242 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	No	Dry	Warm	Yes				
1M14F0045	1M14-CNTMT VESSEL PURGE SUPPLY 42IN LINE	CO	689	242 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M14F0085	CNT VESSEL & DW PURGE EXHAUST	CO	664	242 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1M14F0090	CNT VESSEL & DW PURGE EXHAUST	CO	664	242 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M14F0190	1M14-CNTMT VESSEL PURGE SUPPLY 18-INCH LINE	CO	694	242 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M14F0195	1M14-CNTMT VESSEL PURGE SUPPLY 18-INCH LINE	CO	694	234 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M14F0200	1M14-CNTMT VESSEL & D/W PURGE EXHAUST 18-INCH	CO	664	235 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M14F0205	1M14-CNTMT VESSEL & D/W PURGE EXHAUST 18-INCH	CO	668	234 DEG		Containment Isolation	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M16F0020A	VACUUM BREAKER CHECK VALVE	CO	642	315 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	0. Other	DV	No	Damp	Warm	Yes				
1M16F0020B	1M16-F0020B VACUUM BREAKER CHECK VALVE	CO	642	230 DEG		Internal PRA	Cat I	No	Containment	0. Other	DV	Yes	Damp	Hot	Yes				
1M17F0010	IB CV M17-F00010	CO	689	58 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1M17F0015	OB MOV M17-F0015	CO	689	58 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M17F0020	IB CV M17-F00020	CO	689	150 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1M17F0025	OB MOV M17-F0025	CO	689	150 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M17F0030	IB CV M17-F00030	CO	689	302 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1M17F0035	OB MOV M17-F0035	CO	689	302 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1M17F0040	IB CV M17-F00040	CO	689	315 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1M17F0045	OB MOV M17-F0045	CO	689	315 DEG		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1M39B0001A	1M39-B0001A FAN	AX	574	C/04		Internal PRA	Cat I	No	6. HVAC	9. Fans	EP	No	Dry	Warm	Yes			14.2299	5.29E-02
1M39B0001B	1M39-B0001B FAN	AX	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	EP	Yes	No	Warm	Yes			15.1006	5.55E-02
1M39B0002	1M39-B0002 FAN	AX	574	B/05		Internal PRA	Cat I	No	6. HVAC	9. Fans	EP	No	Dry	Warm	Yes			0	1.04E-02
1M39B0003	ROOM COOLING FAN	AX	574	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	10. Air Handlers	EP	No	No	Warm	Yes			3.7252	1.84E-02
1M39B0004	1M39-B0004 FAN	AX	574	B/06		Internal PRA	Cat I	No	6. HVAC	9. Fans	EP	No	Dry	Warm	Yes			1.0023	1.04E-02
1M39B0006	FAN	AX	574	C/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	10. Air Handlers	EP	No	No	Warm	Yes			1.0633	1.06E-02
1M43C0001A	DIV 1 DG RM SUPPLY FAN 1A	DG	620	C/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	No	Warm	Yes			1.021	5.45E-03
1M43C0001B	1M43-C0001B MOTOR FAN	DG	620	A/02		Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes			1.032	5.98E-03
1M43C0001C	1M43-C0001C MOTOR FAN	DG	630	B/02		Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes			1.0112	5.40E-03
1M43C0002A	1M43-C0002A MOTOR FAN	DG	620	C/02		Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes			1.0141	5.46E-03
1M43C0002B	MOTOR FAN	DG	620	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	No	Warm	Yes			1.1531	5.87E-03
1M43C0002C	1M43-C0002C MOTOR FAN	DG	630	B/02		Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes			1.0038	5.40E-03
1M43C0003A	DIV 1 DG VENT FAN 3	DG	620	C/01		IPEEE SSEL	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes				
1M43C0003B	DIV 2 DG VENT FAN 3	DG	620	A/01		IPEEE SSEL	Cat I	No	6. HVAC	9. Fans	DB	No	Dry	Warm	Yes				
1M43F0020A	1M43-F0020A MOTOR DAMPER	DG	620	D/02		Internal PRA	Cat I	No	6. HVAC	8A. Motor-Operated Valves	DB	No	Dry	Warm	Yes			1.0107	1.08E-05
1M43F0020B	1M43-F0020B MOTOR DAMPER	DG	646	D/02		Internal PRA	Cat I	No	6. HVAC	8A. Motor-Operated Valves	DB	No	Dry	Warm	Yes			1.0158	1.60E-05
1M43F0020C	1M43-F0020C MOTOR DAMPER	DG	620	C/02		Internal PRA	Cat I	No	6. HVAC	8A. Motor-Operated Valves	DB	No	Dry	Warm	Yes			1.0053	6.16E-06
1M43F0030A	DIV 1 RECIRC DAMPER	DG	620	D/02	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	No	Warm	Yes	ECP 09-0828-001, motor replacement			

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1M43F0030B	DIV 2 RECIRC DAMPER	DG	620-07	C/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0030C	DIV 3 RECIRC DAMPER	DG	620-06	B/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0031A	DIV 1 RECIRC DAMPER	DG	620-05	D/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0031B	DIV 2 RECIRC DAMPER	DG	620-07	C/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0031C	DIV 3 RECIRC DAMPER	DG	620-06	B/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0070A	1M43-F0070A LOUVER	DG	620	C/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0070B	1M43-F0070B LOUVER	DG	620	A/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0070C	1M43-F0070C LOUVER	DG	620	B/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0071A	1M43-F0071A LOUVER	DG	620	C/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes				
1M43F0071B	1M43-F0071B LOUVER	DG	620	A/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes				
1M43F0071C	1M43-F0071C LOUVER	DG	620	B/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes				
1M43F0080A	1M43-F0080A LOUVER	DG	620	C/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0080B	1M43-F0080B LOUVER	DG	620	A/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0080C	1M43-F0081C LOUVER	DG	620	B/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0081A	1M43-F0081A LOUVER	DG	620	C/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0081B	1M43-F0081B LOUVER	DG	620	A/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0081C	1M43-F0081C LOUVER	DG	620	B/01		Internal PRA	Cat I	No	6. HVAC	0. Other	DB	No	Dry	Warm	Yes			0	3.46E-03
1M43F0220A	1M43-F0220A MOTOR DAMPER	DG	620	C/02		Internal PRA	Cat I	No	6. HVAC	8A. Motor-Operated Valves	DB	No	Dry	Warm	Yes			1.0064	6.50E-06

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1M43F0220B	MOTOR DAMPER	DG	620	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	No	Warm	Yes			1.1215	1.23E-04
1M43F0220C	1M43-F0220C MOTOR DAMPER	DG	620	B/02		Internal PRA	Cat I	No	6. HVAC	8A. Motor-Operated Valves	DB	No	Dry	Warm	Yes			1.0019	2.15E-06
1M43F0230A	DIV 1 RECIRC DAMPER	DG	620-05	C/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0230B	DIV 2 RECIRC DAMPER	DG	620-07	A/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0230C	DIV 3 RECIRC DAMPER	DG	620-06	B/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0231A	DIV 1 RECIRC DAMPER	DG	620-05	C/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0231B	DIV 2 RECIRC DAMPER	DG	620-07	A/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M43F0231C	DIV 3 RECIRC DAMPER	DG	620-06	B/02		IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	Dry	Warm	Yes				
1M51F0090	COMB GAS DW PURGE INBD ISOL BACKUP H2 PURGE LINE	CO	628	234 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	H2	Yes	Damp	Hot	Yes				
1M51F0110	COMB GAS DW PURGE OTBD ISOL BACKUP H2 PURGE LINE	IB	620	D/05		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	H2	No	Dry	Warm	Yes				
1M51S0001	H2 RECOM PWR SPPLY A	CC	620	B/02		IPEEE SSEL	Cat I	No	Containment	0. Other	H2	No	Dry	Cool	Yes				
1M51S0002	H2 RECOM PWR SPPLY B	CC	620	A/01		IPEEE SSEL	Cat I	No	Containment	0. Other	H2	No	Dry	Cool	Yes				
1M56S0201	480V to 120V XFMR 1M56-S0201	IB	620	H/02		Internal PRA	Cat I	No	Containment	4. Transformers	H2	No	Dry	Cool	Yes				
1M56S0202	480V to 120V XFMR 1M56-S0202	IB	620	C/01		Internal PRA	Cat I	No	Containment	4. Transformers	H2	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1N27F0559A	IB CV N27-F0559A	DW	629	20 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manua l valve	CI	Yes	Dry	Hot	Yes				
1N27F0559B	IB CV N27-F0559B	DW	629	340 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manua l valve	CI	Yes	Dry	Hot	Yes				
1N32C0001A	EHC HYDRAULIC PUMP A	TB	593	E/16		Internal PRA	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	FW	Yes	Dry	Warm	Yes				
1N32C0001B	EHC HYDRAULIC PUMP B	TB	593	E/16		Internal PRA	Cat I	No	C. RCS Inventory Control	5. Horizontal Pumps	FW	Yes	Dry	Warm	Yes				
1P11A0001	TANK RUPTURE/LEAKA GE	YD	620	YD		Internal PRA	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	CT	No	Dry	Warm	No				
1P11F0060	OB P11-F0060 NO -	AX	599	E/08		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1P11F0080	CONTAINMENT UPPER POOL DRAIN LINE TO THE COND	AX	599	E/08		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1P11F0090	CONTAINMENT UPPER POOL DRAIN LINE TO THE COND	CO	599	69 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1P11F0518	TO HPCS/RCIC SUCTION	YD	620	YD		IPEEE SSEL	Cat I	No	Containment	0d. Other - check/manua l valve	CI	No	Dry	Warm	No				
1P11F0545	IB CV P11-F0545	CO	599	45 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manua l valve	CI	Yes	Damp	Hot	Yes				
1P22F0010	OB P22-F0010	IB	599	C/02		Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1P22F0577	IB CV P22-F0577	CO	609	251 DEG		Internal PRA	Cat I	No	Containment	0d. Other - check/manua l valve	CI	Yes	Damp	Hot	Yes				
1P42A0001A	ECCW Surge Tank 1P42-A0001A Leak/Rupture - Loss of NPSH to Pump C0001A	IB	665	F/06		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Warm	Yes			3.2195	2.57E-06
1P42A0001B	ECCW Surge Tank	IB	665	F/06	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Warm	Yes			3.5153	2.91E-06
1P42B0001A	ECCW Heat Exchanger 1P42-B0001A	CC	574	C/04		Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Cool	Yes			9.5756	1.51E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P42B0001B	ECCW Heat Exchanger	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Cool	Yes			10.2716	1.64E-04
1P42C0001A	ECCW Pump 1P42-C0001A	CC	574	E/03		Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	EC	No	Dry	Cool	Yes			14.2572	3.13E-02
1P42C0001B	ECCW Pump	CC	574	E/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	EC	No	Dry	Cool	Yes			15.1045	3.34E-02
1P42F0512A	ECC A TO SURGE TANK	IB	654	G/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Warm	Yes				
1P42F0512B	ECC B TO SURGE TANK	IB	654	F/06		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Warm	Yes				
1P42F0513A	ECC A TO SURGE TANK	CC	574	E/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0513B	ECC B TO SURGE TANK	CC	574	E/06		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0515A	ECC PUMP A SUCTION	CC	574	E/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0515B	ECC PUMP B SUCTION VALVE BUT MAN 12.0 15	CC	574	E/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0519A	Check Valve 1P42-F0519A	CO	574	D/04		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	Yes	Damp	Hot	Yes			7.5811	8.79E-05
1P42F0519B	Check Valve 1P42-F0519B	CO	574	D/04		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	Yes	Damp	Hot	Yes			8.728	1.01E-04
1P42F0520A	ECC PUMP A DISCH	CC	574	D/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0520B	ECC PUMP B DISCH VALVE BUT MAN 12.0 15	CC	574	D/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0527A	ECC HX A OUTLET ISOLATION	CC	574	D/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0527B	ECC HX B OUTLET ISOLATION	CC	574	D/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	EC	No	Dry	Cool	Yes				
1P42F0537	1P42-F0537 MANUAL VALVE	AX	574	C/07		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manua l valve	EP	No	Dry	Warm	Yes				
1P42F0541	1P42-F0541 MANUAL VALVE	AX	574	C/07		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manua l valve	EP	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P42F0555A	RHR PUMP A SEALS ECC INLET ISOLATION	AX	574	C/07		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0555B	RHR PUMP B SEALS ECC INLET ISOLATION	AX	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0555C	RHR PUMP C SEALS ECC INLET ISOLATION	AX	574	C/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0558A	RHR PUMP A SEALS ECC OUTLET ISOLATION	AX	574	C/07		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0558B	RHR PUMP B SEALS ECC OUTLET ISOLATION	AX	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0558C	RHR PUMP C SEALS ECC OUTLET ISOLATION	AX	574	C/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Warm	Yes				
1P42F0563A	1P42-F0563A MANUAL VALVE	AX	574	C/07		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes			6.7337	2.59E-05
1P42F0563B	1P42-F0563B MANUAL VALVE	AX	574	C/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes			7.1868	2.80E-05
1P42F0563C	1P42-F0563C MANUAL VALVE	AX	574	C/05		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes				
1P42F0567A	1P42-F0567A MANUAL VALVE	AX	574	C/07		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes			6.7337	2.59E-05
1P42F0567B	1P42-F0567B MANUAL VALVE	AX	574	C/03		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes			7.1868	2.80E-05
1P42F0567C	1P42-F0567C MANUAL VALVE	AX	574	C/05		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes				
1P42F0568	1P42-F0568 MANUAL VALVE	AX	574	B/06		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes				
1P42F0572	1P42-F0572 MANUAL VALVE	AX	574	B/06		Internal PRA	Cat I	No	6. HVAC	0d. Other - check/manual valve	EP	No	Dry	Warm	Yes				
1P42F0665A	Temperature Control Valve	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	EP	No	Dry	Cool	Yes	ECP 94-0027, New 3-way valve for bypass around ECCW HX		8.1668	1.12E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P42F0665B	Temperature Control Valve	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	EP	No	Dry	Cool	Yes	ECP 94-0027, New 3-way valve for bypass around ECCW HX		8.865	1.18E-04
1P42N0040A	FLOW ELEMENT	CC	574	D/03		IPEEE SSEL	Cat I	No	6. HVAC	18. Instrument (on) Racks	EP	No	Dry	Cool	Yes				
1P42N0040B	FLOW ELEMENT	CC	574	D/04		IPEEE SSEL	Cat I	No	6. HVAC	18. Instrument (on) Racks	EP	No	Dry	Cool	Yes				
1P42N0041A	FLOW TRANSMITTER	CC	574	C/04		IPEEE SSEL	Cat I	No	6. HVAC	18. Instrument (on) Racks	EP	No	Dry	Cool	Yes				
1P42N0041B	FLOW TRANSMITTER	CC	574	D/04		IPEEE SSEL	Cat I	No	6. HVAC	18. Instrument (on) Racks	EP	No	Dry	Cool	Yes				
1P43F0055	NCC CNTMT SUPPLY OTBD ISOL	IB	599	B/02	Screens 1, 2, 3, 4a, 4b, 4c	Containment Isolation	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	NC	No	Dry	Warm	Yes	ECP 03-0358, Upgraded valve actuator			
1P45C0001A	ESW Pump 1P45-C0001A	EW	586	A/05		Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	ES	No	Wet	Cool	Yes			14.5082	6.58E-02
1P45C0001B	ESW Pump 1P45-C0001B	EW	586	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	ES	No	Humid/ Dry	Cool	Yes			15.2054	7.20E-02
1P45C0002	ESW Pump C 1P45C0002	EW	586	A/05		Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	ES	No	Wet	Cool	Yes			3.7761	4.30E-03
1P45D0002A	ESW Strainer 1P45-D0002A	EW	586	A/05		Internal PRA	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes			14.0294	1.38E-02
1P45D0002B	ESW Strainer 1P45-D0002B	EW	586	A/03		Internal PRA	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes			14.7546	1.39E-02
1P45D0003	ESW Strainer C 1P45D0003	EW	586	C/02		Internal PRA	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes			3.2342	1.02E-02
1P45F0014A	1P45-F0014A MOTOR VALVE	AX	574	C/04		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Dry	Warm	Yes			11.9963	4.56E-04
1P45F0014B	1P45-F0014B MOTOR VALVE	AX	574	C/03		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Dry	Warm	Yes			12.8183	4.92E-04
1P45F0040A	ESW A STRNR CTCH BSN	EW	586	D/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes				
1P45F0040B	ESW B STRNR CTCH BSN	EW	586	D/02		IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes				
1P45F0068A	1P45-F0068A MOTOR VALVE	AX	574	B/06		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Dry	Warm	Yes			11.9963	4.56E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P45F0068B	1P45-F0068B MOTOR VALVE	AX	574	B/03		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Dry	Warm	Yes			12.8183	4.92E-04
1P45F0130A	ESW MOV 1P45-F0130A	EW	586	D/05		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Wet	Cool	Yes			13.2604	4.80E-02
1P45F0130B	ESW MOV 1P45-F0130B	EW	586	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Humid/ Dry	Cool	Yes			14.6059	5.16E-02
1P45F0140	ESW C MOV 1P45F0140	EW	586	C/01		Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Wet	Cool	Yes			4.0172	8.14E-03
1P45F0160	ESW C STRNR CTCH BSN	EW	586	D/01		IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	ES	No	Wet	Cool	Yes				
1P45F0501A	Check Valve 1P45-F0501A	EW	586	C/05		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Wet	Cool	Yes			7.0156	8.21E-05
1P45F0501B	Check Valve 1P45-F0501B	EW	586	C/03		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Wet	Cool	Yes			8.1974	9.54E-05
1P45F0505A	VALVE, GLOBE MAN. 0.7500 IN 1500 PSI	EW	586	D/05		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manua l valve	SF	No	Wet	Cool	Yes				
1P45F0505B	ESW PUMP B DISCHARGE PRESSURE INST ROOT	EW	586	D/03		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manua l valve	SF	No	Wet	Cool	Yes				
1P45F0514	1P45-F0514 MANUAL VALVE	AX	574	C/03		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes			1.649	2.93E-06
1P45F0518	1P45-F0518 MANUAL VALVE	AX	574	C/02		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes			1.649	2.93E-06
1P45F0519	ESW Manual Valve 1P45-F0519	DG	620	C/01		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes				
1P45F0523	ESW Manual Valve 1P45-F0523	DG	620	C/01		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes				
1P45F0525	Manual Valve 1P45F0525	AX	620	A/08		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes			0	6.37E-06
1P45F0526	Manual Valve 1P45F0526	AX	620	A/08		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes			1.2	4.07E-04
1P45F0527	Manual Valve 1P45F0527	AX	620	A/07		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manua l valve	ES	No	Dry	Warm	Yes			1.2	4.07E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P45F0528	ESW DE-ICE TO PMPHSE FRM LOOP "A" ISO	AX	620	A/08		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes				
1P45F0530A	ESW Manual Valve 1P45-F0530A	DG	620	C/02		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			1.1499	3.50E-07
1P45F0530B	ESW Manual Valve 1P45-F0530B	DG	620	A/02		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			1.1499	3.50E-07
1P45F0534A	ESW Manual Valve 1P45-F0534A	DG	620	C/02		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			1.1499	3.50E-07
1P45F0534B	ESW Manual Valve 1P45-F0534A	DG	620	A/02		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			1.1499	3.50E-07
1P45F0536A	ECC HX A ESW INLET	CC	574	C/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0536B	ECC HX B ESW INLET	CC	574	C/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0541A	ECC HX A ESW OUTLET	CC	574	C/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0541B	ECC HX B ESW OUTLET	CC	574	C/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0550A	1P45-F0550A MANUAL VALVE	AX	574	B/06		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			3.1653	4.90E-06
1P45F0550B	1P45-F0550B MANUAL VALVE	AX	574	B/03		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes			4.0519	6.90E-06
1P45F0552	ESW C Check Valve P45F0552	EW	586	C/01		Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Wet	Cool	Yes			1.9152	1.03E-05
1P45F0560A	ESW PUMP A STRAINER DIFF PRESS INST RO	EW	586	C/05		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Wet	Cool	Yes				
1P45F0560B	ESW PUMP B STRAINER DIFF PRESS INST ROOT	EW	586	C/03		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Wet	Cool	Yes				
1P45F0561A	ESW PUMP A STRAINER DIFF PRESS INST RO	EW	586	C/05		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Wet	Cool	Yes				
1P45F0561B	ESW PUMP B STRAINER DIFF PRESS INST ROOT	EW	586	C/03		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Wet	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P45F0564A	ESW EMG MAKEUP TO FPCC SURGE TANK A	IB	599	G/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1P45F0564B	ESW EMG MAKEUP TO FPCC SURGE TANK B	IB	599	J/07		SFP Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	No	Dry	Warm	Yes				
1P45F0572	ESW B TO RHR B X-TIE	AX	599	B/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes				
1P45F0573	ESW B TO RHR B X-TIE	AX	599	B/03		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes				
1P45F0575	ESW B TO RHR B X-TIE	AX	599	C/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes				
1P45F0589	ESW EMG SUPPLY TO FIRE WATER HEADER	AX	599	B/01		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Warm	Yes				
1P45F0592	ESW EMG SUPPLY TO FIRE WATER HEADER	CC	599	C/01		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0631	ESW EMG SUPPLY TO CC FIRE HOSES	CC	599	D/01		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Dry	Cool	Yes				
1P45F0660	ESW A X-TIE TO P54	EW	586	D/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	ES	No	Wet	Cool	Yes				
1P50F0060	CVCW OTBD SUPP ISOL VALVE	IB	599	B/02		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1P50F0140	CVCW INBD RETURN MOV ISOL VALVE	CO	599	275 DEG		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	Yes	Damp	Hot	Yes				
1P50F0150	CVCW OTBD RETURN MOV ISOL VALVE	IB	599	B/02		Containment Isolation	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes				
1P50F0539	CNTMT VESSEL CHILLED WATER DISTRIBUTION PIPING VALVE	CO	599	289 DEG		Containment Isolation	Cat I	No	Containment	0d. Other - check/manual valve	CI	Yes	Damp	Hot	Yes				
1P53A0305A	LWR CNT AL OUTER	IB	599	D/04		Containment Isolation	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P53A0305B	LWR CNT AL INNER	CO	599	234 DEG		Containment Isolation	Cat I	No	5. Compressed Air	0. Other	IA	Yes	Damp	Hot	Yes				
1P53A0312A	UPR CNT AL OUTER	IB	689	E/05		Containment Isolation	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Warm	Yes				
1P53A0312B	UPR CNT AL INNER	CO	689	234 DEG		Containment Isolation	Cat I	No	5. Compressed Air	0. Other	IA	Yes	Damp	Hot	Yes				
1P57A0003A	STORAGE AIR TANK	FH	620	C/09	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	21. Tanks and Heat Exchangers	SI	No	Dry	Warm	Yes			8.7853	9.01E-06
1P57A0003B	STORAGE AIR TANK A0003B RUPTURE/LEAKAGE	AX	620	B/08		Internal PRA	Cat I	No	5. Compressed Air	21. Tanks and Heat Exchangers	SI	No	Dry	Warm	Yes			8.7853	9.01E-06
1P57F0015A	MOTOR VALVE	IB	599	E/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	No	Dry	Warm	Yes			31.6586	1.26E-03
1P57F0015B	MOTOR VALVE	AX	620	C/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	No	No	Warm	Yes			31.6586	1.26E-03
1P57F0020A	1P57-F0020A MOTOR VALVE	CO	620	302 DEG		Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	Yes	Damp	Hot	Yes			31.6586	1.26E-03
1P57F0020B	1P57-F0020B MOTOR VALVE	CO	620	54 DEG		Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	Yes	Damp	Hot	Yes			31.6586	1.26E-03
1P57F0521A	HEADER A CNTMT MAINT STOP	IB	599	E/05		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0521B	HEADER B CNTMT MAINT STOP	AX	620	D/08		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0522A	VALVE GLB MAN 0.7500 IN 15	IB	599	E/04		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0522B	VALVE GLB MAN 0.7500 IN 15	AX	620	D/08		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0524A	1P57-F0524A CHECK VALVE	CO	620	300 DEG		Internal PRA	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	Yes	Damp	Hot	Yes			25.1938	2.73E-04
1P57F0524B	1P57-F0524B CHECK VALVE	CO	620	60 DEG		Internal PRA	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	Yes	Damp	Hot	Yes			25.1938	2.73E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1P57F0527A	HEADER A DRYWELL MAINT STOP	DW	630	306 DEG		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	Yes	Dry	Hot	Yes				
1P57F0527B	HEADER B DRYWELL MAINT STOP	DW	599	---		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	Yes	Dry	Hot	Yes				
1P57F0546A	1" ISOLATION FOR SAFETY RELATED INSTR	IB	599	D/05		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0546B	1" ISOLATION VA FOR SAFETY RELATED INS	AX	620	D/07		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0555A	AIR RECEIVER A DISCH CHECK VALVE	IB	599	E/04		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0555B	AIR RECEIVER A DISCH CHECK VALVE	AX	620	D/07		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0556A	1"CHECK VLV FOR SAFTEY RELATED INSTR A	IB	599	E/05		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0556B	1"CHECK VLV FOR SAFTEY RELATED INSTR A	AX	620	D/07		IPEEE SSEL	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	SI	No	Dry	Warm	Yes				
1P57F0559A	RELIEF VALVE FOR 1P57A0003A	IB	620	E/09		IPEEE SSEL	Cat I	No	5. Compressed Air	7. Pneumatic-Operated Valves	SI	No	Dry	Warm	Yes				
1P57F0559B	RELIEF VALVE FOR 1P57A0003B	AX	620	B/07		IPEEE SSEL	Cat I	No	5. Compressed Air	7. Pneumatic-Operated Valves	SI	No	Dry	Warm	Yes				
1P57N0024A	PRESS XMITTER	IB	620	A/09		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	SI	No	Dry	Warm	Yes				
1P57N0024B	PRESS XMITTER	AX	620	B/07		IPEEE SSEL	Cat I	No	3. ESFAS	20. Instrument and Control Panels	SI	No	Dry	Warm	Yes				
1R22S0006	Bus EH12 (1R22-S0006)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			5.0463	7.86E-05
1R22S0006-E01	DIV 2 D/G BREAKER EH1201	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R22S0006-E02	DIV 2 AUX CMPRTMNT EH1202	CC	620	---		IPEEE SSEL	Cat I	No	3. ESFAS	20a. Inst & Control Panel in Cabinet	AC	No	Dry	Cool	Yes				
1R22S0006-E03	DIV 2 SPARE EH1203	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E04	Transformer EHF-1-C	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			15.5291	4.53E-04
1R22S0006-E05	FOR 1P45-CCC01B EH1205	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E06	FOR 1P47-B0001B EH1206	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E07	DIV 2 SPARE EH1207	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E08	FOR 1E12-C0002B EH1208	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E09	EHF1-D TO EF-1-D EH1209	CC	620	---		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E10	FOR 1E12-C0002C EH1210	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E11	DIV 2 SPARE EH1211	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E12	DIV 2 PREF SRC BRK EH1212	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E13	ALT PREF SOURCE BRKR EH1213	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-E14	ISOL BRKR TO XH12 EH1214	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-X01	XH12-01 FOR 1C11-C0001B	CC	620	---		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-X02	XH12-02 FOR P43-C0001B	CC	620	---		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0006-X03	XH12-03 FOR 1P41-C0001B	CC	620	---		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R22S0006-X12	Stub Bus XH12	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0115	8.93E-06
1R22S0007	Bus EH11	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			4.4289	5.19E-05
1R22S0007-E01	DIV 1 BUS TIE BRKR EH1101	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E02	DIV 1 D/G BREAKER EH1102	CC	620	B/03		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E03	DIV 1 AUX CMPRTMNT EH1103	CC	620	B/03		IPEEE SSEL	Cat I	No	3. ESFAS	20a. Inst & Control Panel in Cabinet	AC	No	Dry	Cool	Yes				
1R22S0007-E04	EHF-1-A TO EF-1-A EH1104	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E05	DIV 1 SPARE EH1105	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E06	FOR 1P45-C0001A EH1106	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E07	FOR 1P47-B0001A EH1107	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E09	DIV 1 SPARE EH1109	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E10	FOR 1E12-C0002A EH1110	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E11	FOR 1E21-C0001 EH1111	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E13	EHF-1-B TO EF-1-B EH1113	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E14	DIV 1 PREF SRC BRKR EH1114	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E15	ALT PREF SOURCE BRKR EH1115	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-E16	ISOL BRKR TO XH11 EH1116	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R22S0007-X01	Breaker XH1101	CC	620	B/03		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-X02	4160 V Circuit Breaker XH1102	CC	620	B/03		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0007-X11	Stub Bus XH11	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0009	Bus EH13	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			1.4318	9.20E-07
1R22S0009-001	Diesel Supply Breaker EH1301 (1R22S0009-001)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0009-002	Circuit Breaker EH1302 (1R22S0009-002)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0005	2.23E-05
1R22S0009-003	Circuit Breaker EH1303 (1R22S0009-003)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			2.0413	3.56E-03
1R22S0009-004	HPCS 4160 V BREAKER 1R22S0009-004 ON DEMAND	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R22S0009-005	Circuit Breaker EH1305 (1R22S0009-005)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			2.2927	5.54E-05
1R22S0010	RX RECIRC CB 2A	TP	647	A/03		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0011	RX RECIRC CB 2B	TP	647	A/03		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0012	RX RECIRC CB 3A	IB	620	B/02		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0013	RX RECIRC CB 3B	IB	620	B/02		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0014	RX RECIRC CB 4A	TP	620	B/02		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0015	RX RECIRC 4B	TP	620	B/02		IPEEE SSEL	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	Yes	Dry	Warm	Yes				
1R22S0018	SWGR BRKR TEST PNL	CC	620	B/03		IPEEE SSEL	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R22S0019	SWGR BRKR TEST PNL	CC	620	A/03		IPEEE SSEL	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Cool	Yes				
1R23S0009	480 V Bus EF-1-A (1R23-S0009)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			4.5592	7.59E-06
1R23S0009-002	DIV 1, 480 VAC EF1A02	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-003	Circuit Breaker EF1A03 (1R23S0009-003)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.0329	3.17E-05
1R23S0009-004	DIV 1, 480 VAC EF1A04	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-005	DIV 1, 480 VAC EF1A05	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-006	AC Breaker EF1A06 (1R23S0009-006)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-007	Circuit Breaker EF1A07 (1R23S0009-007)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.353	1.86E-06
1R23S0009-008	Circuit Breaker EF1A08 (1R23-S0009)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-009	Circuit Breaker EF1A09 (1R23S0009-009)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.0026	3.16E-05
1R23S0009-01	DIV 1, 480 VAC EF1A-01	CC	620	B/04		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-010	DIV 1, 480 VAC EF1A10	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-011	DIV 1, 480 VAC EF1A11	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0009-012	Circuit Breaker EF1A12 (1R23S0009-012)	CC	620	C/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			5.7266	2.48E-05
1R23S0009-013	DIV 1, 480 VAC EF1A13	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010	480 V Bus EF-1-B (1R23-S0010)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			4.5592	7.59E-06

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R23S0010-001	DIV 1, 480 VAC EF1B01	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-002	DIV 1, 480 VAC EF1B02	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-003	Circuit Breaker EF1B03 (1R23S0010-003)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.107	3.21E-05
1R23S0010-004	DIV 1, 480 VAC EF1B04	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-005	DIV 1, 480 VAC EF1B05	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-006	AC Breaker EF1B06 (1R23S0010-006)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			8.6666	4.03E-05
1R23S0010-007	Circuit Breaker EF1B07 (1R23S0010-007)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-008	Circuit Breaker EF1B08 (1R23S0010-008)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.0026	3.16E-05
1R23S0010-009	Circuit Breaker EF1B09 (1R23S0010-009)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0509	2.67E-07
1R23S0010-010	DIV 1, 480 VAC EF1B10	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-011	DIV 1, 480 VAC EF1B11	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-012	DIV 1, 480 VAC EF1B12	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0010-013	Tie Supply Breaker EF1B13 (1R23S0010-013)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011	480 V Bus EF-1-C (1R23-S0011) Loss of Function	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
1R23S0011-001	DIV 2, 480 VAC EF1C01	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-002	DIV 2, 480 VAC EF1C02	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-003	Circuit Breaker EF1C03 (1R23S0011-003)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			8.702	4.05E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R23S0011-004	DIV 2, 480 VAC EF1C04	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-005	DIV 2, 480 VAC EF1C05	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-006	AC Circuit Breaker EF1C06 (1R23S0011-006)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-007	Circuit Breaker EF1C07 (1R23S0011-007)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.6133	3.22E-06
1R23S0011-008	Circuit Breaker EF1C08 (1R23S0011-008)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-009	Circuit Breaker EF1C09 (1R23S0011-009)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.6663	3.50E-05
1R23S0011-010	DIV 2, 480 VAC EF1C10	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-011	DIV 2, 480 VAC EF1C11	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0011-012	Circuit Breaker EF1C12 (1R23S0011-012)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			6.5994	2.94E-05
1R23S0011-013	Tie Supply Breaker EF1C13 (1R23S0011-013)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012	480 V Bus EF-1-D (1R23-S0012)	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
1R23S0012-001	DIV 2, 480 VAC EF1D01	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-002	DIV 2, 480 VAC EF1D02	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-003	Circuit Breaker EF1D03 (1R23S0012-003)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.9387	3.65E-05
1R23S0012-004	DIV 2, 480 VAC EF1D04	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-005	DIV 2, 480 VAC EF1D05	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R23S0012-006	ing of Breaker 1R23S0012-006, EF-1-D to EFD-1-B Supply Breaker	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			10.2363	4.85E-05
1R23S0012-007	Circuit Breaker EF1D07 (1R23S0012-007)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-008	Circuit Breaker EF1D08 (1R23S0012-008)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			7.6663	3.50E-05
1R23S0012-009	Circuit Breaker EF1D09 (1R23S0012-009)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0509	2.67E-07
1R23S0012-010	DIV 2, 480 VAC EF1D10	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-011	DIV 2, 480 VAC EF1D11	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-012	DIV 2, 480 VAC EF1D12	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0012-013	DIV 2, 480 VAC EF1D13	CC	620	---		IPEEE SSEL	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
1R23S0015	DIV 3, XFMER EHF1E	CC	620	B/04		IPEEE SSEL	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R24S0018	480 V MCC EF1A07 (1R24-S0018)	CC	620	B/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R24S0019	480 VAC MCC EF1A08 (1R24-S0019)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
1R24S0021	480 V MCC EF1B07 (1R24-S0021)	CC	620	C/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
1R24S0022	480 V MCC EF1B08 (1R24-S0022)	CC	620	C/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			4.5592	7.59E-06
1R24S0023	480 V MCC EF1C07 (1R24-S0023)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R24S0024	480 V MCC EF1C08 (1R24S0024)	CC	620	A/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				
1R24S0026	480 V MCC EF1D07 (1R24S0026)	CC	620	B/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R24S0028	480V MCC EF1D08 (1R24S0028)	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
1R24S0029	480 V MCC EF1E-1 (1R24-S0029)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			1.4318	9.20E-07
1R24S0030	480 V MCC EF1E-2 (1R24-S0030)	EW	586	A/03		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Wet	Cool	Yes			1.4318	9.20E-07
1R24S0031	480 V MCC EF1A12 (1R2-4S0031)	EW	586	C/04		Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Wet	Cool	Yes			3.3647	5.04E-06
1R24S0032	480 V MCC EF1C12	EW	586	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Humid/ Dry	Cool	Yes			4.2176	6.86E-06
1R25S0003	480 V Distribution Panel F1C12 (1R25-S0003)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0004	480 V Distribution Panel F1D12 (1R25-S0004)	CC	620	A/02		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0007	480 V Dist. Pnl F1E14 (1R25S0007)	IB	620	E/04		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				
1R25S0008	480 V Dist Pnl F1F14 (1R25-S0008)	IB	620	E/04		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				
1R25S0009	Dist Panel F1C08	IB	620	F/05		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Warm	Yes				
1R25S0009-027	Supply breaker to XFMR FB-1-P (1R25S0009-027)	IB	620	F/05		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Warm	Yes				
1R25S0011	K-1-N (1R25S0011)	CC	638	A/01		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0012	Distribution Panel K-1-A (1R25-S0012)	CC	638	A/01		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0014	Instrument Panel EB-1-A1	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0016	Distribution Panel EK-1-A1	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R25S0018	Instrument panel EB-1-B1	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R25S0020	Distribution panel EK-1-B1	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R25S0021	Distribution Panel K-1-C (1R25-S0021)	AX	599	B/02		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				
1R25S0022	Distribution panel EK-1-C1	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0024	480V to 120V XFMR FB-1-A (1R25-S0024)	CC	638	A/01		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			1.0085	2.65E-07
1R25S0025	480V to 120V XFMR EFB-1-A1	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0027	480V to 120V XFMR EFB-1-B1 (1R25-S0027)	CC	620	B/03		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0029	480V to 120V XFMR EFB-1-C (1R25-S0029)	CC	620	B/04		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			1.2192	6.84E-06
1R25S0030	480 V TO 120 V XFMR FB-1-P (1R25S0030)	CC	638	A/01		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0031	480V to 120V XFMR FB-1-C (1R25-S0024)	AX	599	B/02		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0033	480V to 120V XFMR EFB-1-A2	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			2.14	3.56E-05
1R25S0035	480V to 120V XFMR EFB-1-B2 (1R25-S0035) 24 Hours	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			2.7509	5.46E-05
1R25S0049	DIV 1 FB-1-S XFMR	CC	620	C/05		IPEEE SSEL	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0051	XFMR FR-1-S DISC	CC	620	C/05		IPEEE SSEL	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0055	Distribution Panel K-1-F (1R25-S0055)	OG	620	C/05		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				
1R25S0063	480V to 120V XFMR FB-1-F (1R25-S0063)	OG	620	C/05		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			1.0085	2.65E-07
1R25S0158	480 V Distribution Panel F1C10 (1R25-S0158)	IB	620	B/01		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R42S0002	Unit 1 Div 1 Battery	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes	ECP 99-5010, Equipment Upgrades		14.2745	8.99E-04
1R42S0003	Unit 1 Div 2 Battery 1R42-S0003	CC	638	B/02		Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes			10.6058	6.74E-04
1R42S0006	EFD-1-A Battery Charger 1R42-S0006	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes			18.8902	4.55E-03
1R42S0008	EFD-1-B Battery Charger	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes	ECP 02-0184-011 REPLACEMENT OF MOTOR CONTROL CENTER EF1D08, COMPARTMENT D (1R24S0028-00D)		22.1957	5.05E-03
1R42S0012	Distribution panel ED1A06	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			13.0949	7.29E-05
1R42S0013	ED1B06 distribution panel	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			11.1952	6.14E-05
1R42S0014	ED1B08 distribution panel	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			3.1654	1.30E-05
1R42S0015	ED1A09 Distribution Panel 1R42-S0015	CC	638	B/02		Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			1.1117	6.73E-07
1R42S0016	Distribution Panel D1B06 (1R42-S0016)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	Yes	Dry	Warm	Yes				
1R42S0017	Distribution Panel D1B07 (1R42-S0017)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	Yes	Dry	Warm	Yes				
1R42S0019	D-1-B Battery Charger 1R42-S0019	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Warm	Yes			1.6217	9.31E-05
1R42S0022	125 VDC Bus D-1-B (1R42-S0022)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes			4.8777	8.54E-03
1R42S0022-002	DC Breaker D1B02 (1R42S0022-002)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes			1.1717	3.54E-04

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R42S0022-003	DC Breaker D1B03 (1R42S0022-003)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes			4.8702	7.98E-03
1R42S0022-004	DC Breaker D1B04 (1R42S0022-004)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes			1.0069	1.29E-05
1R42S0022-006	Circuit Breaker D1B06 (1R42S0022-006)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes				
1R42S0022-007	Circuit Breaker D1B07 (1R42S0022-007)	TP	620	C/06		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	Yes	Dry	Warm	Yes				
1R42S0023	Unit 1 Non-1E Battery 1R42-S0023	TP	620	A/03		Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Warm	Yes			2.5617	1.40E-03
1R42S0024	ED-1-A 125 V DC Bus	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			13.1441	7.32E-05
1R42S0024-002	DIV 1, 125 VDC ED1A02	CC	620	---		IPEEE SSEL	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0024-003	DC Breaker ED1A03 (1R42S0024-003)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			12.6405	6.57E-05
1R42S0024-004	DC Breaker ED1A04 (1R42S0024-004)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.0004	6.55E-07
1R42S0024-005	DC Breaker ED1A05 (1R42S0024-005)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0024-006	DC Breaker ED1A06 (1R42S0024-006)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			12.7895	6.65E-05
1R42S0024-007	DC Breaker ED1A07 (1R42S0024-007)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			8.8533	4.43E-05
1R42S0024-008	DIV 1, 125 VDC ED1A08	CC	620	---		IPEEE SSEL	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0024-009	DC Breaker ED1A09 (1R42S0024-009)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.1117	6.30E-07
1R42S0025	125 V DC Bus ED-1-B (1R42S0025)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			14.7896	8.31E-05
1R42S0025-002	DIV 2, 125 VDC ED1B02	CC	620	---		IPEEE SSEL	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0025-003	DC Breaker ED1B03 (1R42S0025-003)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			14.3644	7.54E-05

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R42S0025-004	DC Breaker ED1B04 (1R42S0025-004)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.0002	4.04E-07
1R42S0025-005	DC Breaker ED1B05 (1R42S0025-005)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0025-006	DC Breaker ED1B06 (1R42S0025-006)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			10.8908	5.58E-05
1R42S0025-007	DC Breaker ED1B07 (1R42S0025-007)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			10.656	5.45E-05
1R42S0025-008	DC Circuit Breaker ED1B08 (1R42S0025-008)	CC	638	B/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			3.1654	1.22E-05
1R42S0025-009	DIV 2, 125 VDC ED1B09	CC	620	---		IPEEE SSEL	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0030	DIV 3 BATT TEST SW	CC	620	B/04		IPEEE SSEL	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0037	ED-1-C 125 V DC Bus	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	No	Warm	Yes			1.7497	4.52E-06
1R42S0037-005	DC Breaker 1CB5 (1R42S0037-005)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0037-006	DC Breaker 1CB6 (1R42S0037-006)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			2.3984	7.89E-06
1R42S0037-009	DC Breaker 1CB9 (1R42S0037-009)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.7497	4.23E-06
1R42S0037-010	DC Breaker 1CB10 (1R42S0037-010)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
1R42S0037-011	DC Circuit Breaker CB11 (1R42S0037-011)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.0528	2.98E-07
1R42S0038	DIV 2, MCC ED1B09	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	2. DC Power	1. Motor Control Centers	DC	No	Dry	Cool	Yes				
1R43S0001A	Division 1 Emergency Diesel Generator	DG	620	C/02		Internal PRA	Cat I	No	1. AC Power	17. Engine Generators	DG	No	Dry	Warm	Yes			3.1968	5.80E-02
1R43S0001B	Division 2 Emergency Diesel Generator	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	17. Engine Generators	DG	No	No	Warm	Yes			4.5936	6.24E-02

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R43S0002A	GENERATOR HIGH VOLTAGE CABINET	DG	620	C/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	DG	No	Dry	Warm	Yes				
1R43S0002B	GENERATOR HIGH VOLTAGE CABINET	DG	620	A/02		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	DG	No	Dry	Warm	Yes				
1R45A0002A	DIV 1 FO STORAGE TNK	YD	620	YD		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	No				
1R45A0002B	DIV 2 FO STORAGE TNK	YD	620	YD		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	No				
1R45A0003A	Div 1 EDG Fuel Oil Day Tank	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes				
1R45A0003B	Div 2 EDG Fuel Oil	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R45A0004	DIV 3 FO STORAGE TNK	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R45A0005	Div 3 EDG Fuel Oil Day Tank	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R45C0001A	Div 1 EDG Fuel Oil Transfer Pump 1R45-C0001A	DG	620	D/01		Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes			1.0009	8.24E-03
1R45C0001B	Div 2 EDG Fuel Oil Transfer Pump 1R45-C0001B	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes			1.0011	8.24E-03
1R45C0001C	Div 3 EDG Fuel Oil Transfer Pump 1R45-C0001C	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes			0	8.24E-03
1R45C0002A	Div 1 EDG Fuel Oil Transfer Pump 1R45-C0002A	DG	620	D/01		Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes			1.0009	8.24E-03
1R45C0002B	Fuel Oil Transfer Pump	DG	620	B/01	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	No	Warm	Yes	ECP 00-5003, Reconfigure Stop/Auto/Start Switches		1.0011	8.24E-03
1R45C0002C	Div 3 EDG Fuel Oil Transfer Pump 1R45-C0002C	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes			0	8.24E-03
1R45C0003A	DIV 1 FO BOOSTER PMP	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	No	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R45C0003B	DIV 2 FO BOOSTER PMP	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	Dry	Warm	Yes				
1R45D0004A	DIV 1 FO STRAINER	DG	620	D/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R45D0004B	DIV 2 FO STRAINER	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R45D0015A	Div 1 EDG Fuel Oil Transfer Strainer 1R45-D0015A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes			1.0025	8.95E-06
1R45D0015B	Div 2 EDG Fuel Oil Transfer Strainer 1R45-D0015B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes			1.0034	1.24E-05
1R45D0016A	Div 1 EDG Fuel Oil Transfer Strainer 1R45-D0016A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes			1.0025	8.95E-06
1R45D0016B	Div 2 EDG Fuel Oil Transfer Strainer 1R45-D0016B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes			1.0034	1.24E-05
1R45D0017A	Div 3 EDG Fuel Oil Transfer Strainer 1R45-D0017A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R45D0017B	Div 3 EDG Fuel Oil Transfer Strainer 1R45-D0017B	DG	620	---		Internal PRA	Cat I	No	C. RCS Inventory Control	0. Other	DH	No	Dry	Warm	Yes				
1R45F0502A	Div 1 EDG Fuel Oil Transfer Check Valve 1R45-F0502A	DG	620	D/01		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0502B	Div 2 EDG Fuel Oil Transfer Check Valve 1R45-F0502B	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0503A	Div 1 EDG Fuel Oil Transfer Manual Valve 1R45-F0503A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0503B	Div 2 EDG Fuel Oil Transfer Manual Valve 1R45-F0503B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0510A	Div 3 EDG Fuel Oil Transfer Check Valve 1R45-F0510A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0510B	Div 3 EDG Fuel Oil Transfer Check Valve 1R45-F0510B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0512A	Div 3 EDG Fuel Oil Transfer Manual Valve 1R45-F0512A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0512B	Div 3 EDG Fuel Oil Transfer Manual Valve 1R45-F0512B	DG	620	---		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	DH	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R45F0540A	Div 3 EDG Fuel Oil Transfer Manual Valve 1R45-F0540A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0540B	Div 3 EDG Fuel Oil Transfer Manual Valve 1R45-F0540B	DG	620	---		Internal PRA	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	DH	No	Dry	Warm	Yes				
1R45F0541A	Div 1 EDG Fuel Oil Transfer Manual Valve 1R45-F0541A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0541B	Div 2 EDG Fuel Oil Transfer Manual Valve 1R45-F0541B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0548A	Div 1 EDG Fuel Oil Transfer Check Valve 1R45-F0548A	DG	620	D/01		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0548B	Div 2 EDG Fuel Oil Transfer Check Valve 1R45-F0548B	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes			0	2.58E-05
1R45F0549A	Div 1 EDG Fuel Oil Transfer Manual Valve 1R45-F0549A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0549B	Div 2 EDG Fuel Oil Transfer Manual Valve 1R45-F0549B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0553A	Div 1 EDG Fuel Oil Transfer Manual Valve 1R45-F0553A	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45F0553B	Div 2 EDG Fuel Oil Transfer Manual Valve 1R45-F0553B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	0d. Other - check/manual valve	DG	No	Dry	Warm	Yes				
1R45N0010	DIV 3 FO STOR TNK LV	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0090	Div 3 EDG Day Tank Level Switch 1R45-N0090	DG	620	---		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0100	Div 3 EDG Day Tank Level Switch 1R45-N0100	DG	620	---		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0140A	Div 1 EDG Day Tank Level Switch	DG	620	C01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	No	Warm	Yes				
1R45N0140B	FUEL OIL DAY TANK (LS)	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0140B -23H	Div 2 EDG Day Tank Level Switch 1R45-N0140B	DG	620	---		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R45N0150A	FUEL OIL DAY TANK (LS)	DG	620	C/01		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0150B	FUEL OIL DAY TANK (LS)	DG	620	B/01		Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0190A	DIV 1 FO STOR TNK LV	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0190B	DIV 2 FO STOR TNK LV	DG	620	A/01		IPEEE SSEL	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0280	DIV 3 FO STRNR DP	DG	620	B/01		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R45N0380	DIV 3 FO STRNR DP	DG	620	B/01		IPEEE SSEL	Cat I	No	3. ESFAS	18. Instrument (on) Racks	DG	No	Dry	Warm	Yes				
1R46A0003A	DIV 1 JW STAND PIPE	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R46A0003B	DIV 2 JW STAND PIPE	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R46B0001A	DIV 1 JW/LO HT EXCH	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes				
1R46B0001B	DIV 2 JW/LO HT EXCH	DG	620-07	B/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R46B0002A	Heat Exchanger 1R46-B0002A	DG	620-05	C/01		Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes			2.675	3.82E-04
1R46B0002B	Heat Exchanger	DG	620	B/01	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes			3.828	1.04E-03
1R46S0001A	AUXILIARY MODULE	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	17. Engine Generators	DG	No	Dry	Warm	Yes				
1R46S0001B	AUXILIARY MODULE	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	17. Engine Generators	DG	No	Dry	Warm	Yes				
1R47A0001A	LUBE OIL SUMP TANK	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R47A0001B	LUBE OIL SUMP TANK	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	Dry	Warm	Yes				
1R48D0001A	EXHAUST SILENCER	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0001B	EXHAUST SILENCER	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
1R48D0002A	INTAKE FILTER	DG	620	A/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0002B	INTAKE FILTER	DG	620	A/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0003A	INTAKE FILTER	DG	620	A/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0003B	INTAKE FILTER	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0004A	INTAKE SILENCER	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0004B	INTAKE SILENCER	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0005A	INTAKE SILENCER	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0005B	INTAKE SILENCER	DG	620	B/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0010A	EXHAUST SILENCER	DG	620	A/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0010B	EXHAUST SILENCER	DG	620	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0014A	EXHAUST FLAPPER VLV	DG	651	C/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
1R48D0014B	EXHAUST FLAPPER VLV	DG	651	A/01		IPEEE SSEL	Cat I	No	1. AC Power	0. Other	DG	No	Dry	Warm	Yes				
2E22S0005	Unit 2 Div 3 Battery 2E22-S0005	CC	620	C/04		Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes				
2E22S0006	NORMAL BATTERY CHARGER EFD-2-C	CC	620	C/04		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
2H13P0741		CC	654	D/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2H13P0743		CC	654	D/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2H13P0865		CC	654	D/01		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2H13P0866		CC	654	D/02		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2H13P0870		CC	654	D/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2H13P0877		CC	654	C/03		Internal Flood Panels	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2H51P0870	LOCAL RELAY PANEL	CC	620	D/03		Internal PRA	Cat I	No		20. Instrument and Control Panels		No	Dry	Cool	Yes				
2P42F0513A	ECC A TO SURGE TANK	CC	574	E/04		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
2P42F0513B	ECC B TO SURGE TANK	CC	574	E/05		IPEEE SSEL	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EC	No	Dry	Cool	Yes				
2P51A0001	Unit 2 SA Receiver	CC	574	A/05		Internal PRA	Cat I	No	5. Compressed Air	21. Tanks and Heat Exchangers	SA	No	Dry	Cool	Yes				
2P51F0090	MOV 2P51-F0090	CC	599	A/06		Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SA	No	Dry	Cool	Yes				
2P51P0001		CC	574	A/01		Internal Flood Panels	Cat I	No	5. Compressed Air	20. Instrument and Control Panels	SA	No	Dry	Cool	Yes				
2P52A0001	Unit 2 Instrument Air Receiver	CC	574	A/05		Internal PRA	Cat I	No	5. Compressed Air	21. Tanks and Heat Exchangers	IA	No	Dry	Cool	Yes				
2P52D0002A	Air Filter 2P52-D0002A	CC	574	B/06		Internal PRA	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Cool	Yes				
2P52D0002B	Air Filter 2P52-D0002B	CC	574	B/06		Internal PRA	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Cool	Yes				
2P52D0005A	Air Filter 2P52-D0005A	CC	574	B/05		Internal PRA	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Cool	Yes				
2P52D0005B	Air Filter 2P52-D0005B	CC	574	B/05		Internal PRA	Cat I	No	5. Compressed Air	0. Other	IA	No	Dry	Cool	Yes				
2P52F0050	SOV 2P52-F0050	CC	574	A/05		Internal PRA	Cat I	No	5. Compressed Air	7. Pneumatic-Operated Valves	IA	No	Dry	Cool	Yes				
2P52F0210	AOV 2P52-F0210	CC	599	B/06		Internal PRA	Cat I	No	5. Compressed Air	7. Pneumatic-Operated Valves	IA	No	Dry	Cool	Yes				
2P52F0532	Check Valve 2P52-F0532	CC	574	A/05		Internal PRA	Cat I	No	5. Compressed Air	0d. Other - check/manual valve	IA	No	Dry	Cool	Yes				
2P52P0001		CC	574	A/01		Internal Flood Panels	Cat I	No	5. Compressed Air	20. Instrument and Control Panels	IA	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2R22S0007	Bus EH21 (2R22-S0007)	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0102	7.96E-06
2R22S0007-001	Circuit Breaker EH2101 (2R22S0007-001)	CC	620	---		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-004	Circuit Breaker EH2104 (2R22S0007-004)	CC	620	---		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-014	Circuit Breaker EH2114 (2R22S0007-014)	CC	620	---		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-015	Circuit Breaker EH2115 (2R22S0007-015)	CC	620	---		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-016	Circuit Breaker EH2116 (2R22S0007-016) to XH21	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0197	1.01E-04
2R22S0007-E04	Transformer EHF-2-A (2R22S0007-E04)	CC	620	D/03		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
2R22S0007-X01	4160 V Circuit Breaker XH2101	CC	620	D/03		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-X02	4160 V Circuit Breaker XH2102	CC	620	D/03		Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R22S0007-X21	Stub Bus XH21	CC	620	A/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			1.0102	7.96E-06
2R23S0009	480 V Bus EF-2-A (2R23S0009)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R23S0009-003	Circuit Breaker EF2A03 (2R23S0009-003)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R23S0009-009	Circuit Breaker EF2A09 (2R23S0009-009)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R23S0010	480 V Bus EF-2-B (2R23-S0010)	CC	620	E/03		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R23S0010-006	AC Breaker EF2B06 (2R23S0010-006)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				
2R23S0010-013	Tie Supply Breaker EF2B13 (2R23S0010-013)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2R25S0004	480 V Distribution Panel F2D12 (2R25-S0004)	CC	620	E/02		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
2R25S0011	120VAC DIST PANEL K-2-n	CC	620	E/01		Internal PRA	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	Dry	Cool	Yes				
2R25S0012	Distribution Panel K-2-A (2R25-S0012)	CC	620	E/01		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
2R25S0016	Distribution Panel EK-2-A1 (2R25-S0016)	CC	620	D/03		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
2R25S0024	480V to 120V XFMR FB-2-A (2R25-S0024)	CC	620	E/01		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
2R25S0033	480V to 120V XFMR EFB-2-A2 (2R25-S0033)	CC	620	D/03		Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
2R25S0158	480 VAC Dist Pnl F2C10 (2R25-S00158)	IB	620	O/01		Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Warm	Yes				
2R42S0002	Unit 2 Div 1 Battery 2R42-S0002	CC	638	D/02		Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes			1.0042	8.96E-05
2R42S0003	Unit 2 Div 2 Battery 2R42-S0003	CC	638	D/02		Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes			1.0005	3.66E-05
2R42S0006	EFD-2-A Battery Charger 2R42-S0006	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes			1.0027	8.43E-04
2R42S0008	125 V U2 DIV 2 BATTERY CHARGER	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
2R42S0012	ED2A05 Distribution Panel 2R42-S0012	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0024	ED-2-A 125 V DC Bus 2R42-S0024	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0024-002	DC Breaker ED2A02 (2R42S0024-002)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0024-003	DC Breaker ED2A03 (2R42S0024-003)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0024-004	DC Breaker ED2A04 (2R42S0024-004)	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.0004	6.55E-07

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

Equipment ID	Description	Bldg	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FV of COMP
2R42S0024-005	DC Circuit Breaker ED2A05 (2R42S0024-005)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0025	ED-2-B 125 V DC Bus 2R42-S0025	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0025-003	DC Breaker ED2B03 (2R42S0025-003)	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0025-004	DC Breaker ED2B04 (2R42S0025-004)	CC	638	D/03		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			1.0002	4.04E-07
2R42S0037	125 V DC Bus ED-2-C	CC	620	D/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				
2R42S0037-010	DC Breaker 2CB10 (2R42S0037-010)	CC	638	---		Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC				Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
0H51P0039	ECC & ESW INST RACK	CC	574	D/04	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Dry	Cool	Yes				
0H51P0193	ECCW PUMPS & CC CHILL H2O INST RACK A	CC	574	E/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	EC	No	Dry	Cool	Yes				
0H51P0318	CONTROL COMPLEX CHILLER A CONTROL PANEL	CC	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	6. HVAC	20. Instrument and Control Panels	CC	No	Dry	Cool	Yes				
0H51P1310	LOCAL PANEL	EW	586	C/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	4. SW&CCW	20. Instrument and Control Panels	ES	No	Humid/ Dry	Cool	Yes				
0M23C0001A	Supply Fan M23-C0001A	CC	679	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8317	3.82E-03
0M23C0002A	Return Fan M23-C0002A	CC	679	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	MC	No	Dry	Cool	Yes			1.8317	3.82E-03
0M23F0100A	Supply Fan Vortex Damper	CC	679	D/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	MC	No	Dry	Cool	Yes			1.5968	1.13E-04
0P47B0001A	CCCW Chiller 0P47-B0001A	CC	574	E/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	11. Chillers	CC	No	Dry	Cool	Yes			1.7241	1.60E-02
0P47C0001A	CCCW Pump	CC	574	D/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	5. Horizontal Pumps	CC	No	Dry	Cool	Yes			1.5831	1.28E-03
0P49D0001A	ESW Traveling Screen	EW	586	A/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	4. SW&CCW	0. Other	EW	No	Wet	Cool	Yes			1.0034	1.72E-04
0P49F0502A	ESW Check Valve	EW	586	G/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	4. SW&CCW	0d. Other - check/manual valve	EW	No	Wet	Cool	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
0R24S0020	480 V MCC EF1A09	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			4.5592	7.59E-06
0R42S0011	EFD-12-C Reserve Battery Charger	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes				
1B21A0003A	ACCUM FOR F0041A	DW	630	58 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	21. Tanks and Heat Exchangers	AD	Yes	No	Hot	Yes				
1B21F0022A	IB MSIV B21-F0022A	DW	630	1 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	7. Pneumatic-Operated Valves	CI	Yes	Damp	Hot	Yes				
1B21F0041A	ADS VALVE	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	7. Pneumatic-Operated Valves	AD	Yes	Damp	Hot	Yes				
1B21F0410A	SV FOR F041A	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21F0410B	SV FOR F041A	DW	630	55 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	B. RCS Pressure Control	8B. Solenoid Valves	CI	Yes	Damp	Hot	Yes				
1B21N0067C	PRESS ELEMENT	CO	620	144 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	No	Damp	Warm	Yes				
1B21N0073C	LEVEL ELEMENT	CO	620	144 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	NB	No	Damp	Warm	Yes				
1B33C0001A	RX RECIRC PUMP A	DW	599	145 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	RR	Yes	No	Hot	Yes				
1C11F0083	MOV	FH	620	C/08	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	CD	No	Humid/ Dry	Warm	Yes				
1C11F0110A	RPS VALVE	CO	645	120 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	No	Damp	Warm	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1C11F0160A	RRCS VALVE	CO	645	120 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	8B. Solenoid Valves	CD	No	Damp	Warm	Yes				
1C22P0001	ATWS PANEL	CC	654	A/03	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	CD	No	Dry	Cool	Yes				
1C41A0003	SLC AUXILIARY MIXING TANK	IB	620	I/06	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	A. Reactivity Control	21. Tanks and Heat Exchangers	SL	No	Dry	Warm	Yes				
1C41C0001A	MOTOR PUMP	CO	642	15 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	A. Reactivity Control	5. Horizontal Pumps	SL	No	Damp	Warm	Yes	ECP 02-0184-019, MCC Compartment replaced		1.0097	1.15E-05
1C41F0001A	MOTOR VALVE	CO	642	15 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	A. Reactivity Control	8A. Motor-Operated Valves	SL	No	Damp	Warm	Yes			1.0307	9.71E-04
1C41F0029A	RELIEF VALVE	CO	642	285 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	A. Reactivity Control	7. Pneumatic-Operated Valves	SL	No	Damp	Warm	Yes				
1E12B0001B	RHR HEAT EXCHANGER	AX	599	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Spent Fuel pool Eqpt List	Cat I	No	Spent Fuel Pool Cooling	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes				
1E12B0001D	1E12-B0001D HEAT EXCHANGER	AX	599	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	ES	Yes	No	Warm	Yes			14.499	8.31E-03
1E12C0002B	RHR PUMP B	AX	574	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Spent Fuel pool Eqpt List	Cat I	No	Spent Fuel Pool Cooling	6. Vertical Pumps	SF	Yes	No	Warm	Yes				
1E12F0003B	RHR B HX' S OUTLET VALVE	AX	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c	Spent Fuel pool Eqpt List	Cat I	No	Spent Fuel Pool Cooling	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes				
1E12F0004B	1E12-F0004B MOTOR VALVE NO -	AX	574	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	No	Warm	Yes			12.224	4.61E-04
1E12F0029B	RHR PUMP B MANUAL DISCH SHUTOFF VALVE	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Spent Fuel pool Eqpt List	Cat I	No	Spent Fuel Pool Cooling	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1E12F0048B	1E12-F0048B MOTOR VALVE	AX	599	B/07	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LC	Yes	No	Warm	Yes			16.717	4.87E-02
1E21C0001	LPCS MOTOR PUMP	AX	574	B/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	6. Vertical Pumps	LP	No	No	Warm	Yes			1.0633	3.02E-04
1E21F0001	Motor Valve	AX	574	D/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	LP	No	No	Warm	Yes			1.021	8.61E-07
1E21N0050	Pressure sensor	AX	574	C/08	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	LP	No	No	Warm	Yes				
1E22B5003	COOLER, HPCS DIESEL LU OIL	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	21. Tanks and Heat Exchangers	DH	No	No	Warm	Yes				
1E22C0001	HPCS MOTOR DRIVEN PUMP	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	6. Vertical Pumps	DH	No	No	Warm	Yes	ECP 09-0821-001, Motor replacement		3.7642	1.27E-02
1E22F0004	MOTOR VALVE	AX	620	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	No	Warm	Yes			3.7286	7.39E-03
1E22F0010	MOV	AX	574	D/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	C. RCS Inventory Control	8A. Motor-Operated Valves	HP	No	No	Warm	Yes				
1E22F0024	PUMP DISC CHECK VALVE	AX	574	C/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	0d. Other - check/manual valve	HP	No	No	Warm	Yes			1.9152	1.03E-05
1E22N0005	FLOW TRANSMITTER	AX	574	B/03	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	C. RCS Inventory Control	18. Instrument (on) Racks	HP	No	No	Warm	Yes				
1E22S0001	Division 3 HPCS Diesel Generator	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	C. RCS Inventory Control	17. Engine Generators	DH	No	No	Warm	Yes			2.0413	1.78E-02
1E22S0005	Unit 1 Div 3 Battery	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes	ECP 99-5010, Equipment Upgrades			

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1E51B0002	RCIC LU Internal PRA OIL COOLER	AX	574	B/06	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	D. RCS Suppression Pool Heat Removel	21. Tanks and Heat Exchangers	RC	No	Humid	Hot	Yes				
1E51F0045	MOTOR VALVE	AX	574	C/05	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	No	Humid	Hot	Yes	ECP 96-5089 Install Torque Limit Switch		3.0028	1.01E-02
1E51F0063	1E51-F0063 MOTOR VALVE	DW	626	0 DEG	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	D. RCS Suppression Pool Heat Removel	8A. Motor-Operated Valves	RC	Yes	Dry	Hot	Yes			1.7486	3.07E-05
1E51N0055A	PRESS SENSOR	AX	574	A/06	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	3. ESFAS	18. Instrument (on) Racks	RC	No	Humid	Hot	Yes				
1G41F0145	CNTMT POOLS RTN OTBD ISOL	IB	620	D/05	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	Containment	8A. Motor-Operated Valves	CI	No	Dry	Warm	Yes			5.2452	8.51E-03
1G43N0060A	LEVEL TRANSMITTER	AX	574	D/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	No	Warm	Yes				
1G43N0060B	LEVEL TRANSMITTER	AX	574	C/02	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	18. Instrument (on) Racks	SM	No	No	Warm	Yes				
1H13P0701	TERMINATION CABINET	CC	654	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	3. ESFAS	20. Instrument and Control Panels	RP	No	Dry	Cool	Yes				
1H22P0011	STANDBY LIQUID CONTROL INSTRUMENT RACK	DW	630	306 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	Yes	No	Hot	Yes				
1H51P0037	ECCS pump room cool HVAC control panel.	AX	599	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I		6. HVAC	20. Instrument and Control Panels	EP	No	No	Warm	Yes				
1H51P0871	RELAY PANEL FOR 4KV BREAKER	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I		1. AC Power	20. Instrument and Control Panels	EP	No	Dry	Cool	Yes				
1H51P0975	Div 2 pump cooling cooling HVAC control panel	AX	599	E/07	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I		6. HVAC	20. Instrument and Control Panels	EP	No	No	Warm	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1H51P1335	SDV LOCAL INST RACK	DW	620	105 DEG	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	A. Reactivity Control	20. Instrument and Control Panels	SL	Yes	No	Hot	Yes				
1H51P1421	INSTR RACK FOR HPCS DIESEL GEN PRESSURE SWITCHES	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal Flood Panels	Cat I	No	1. AC Power	20. Instrument and Control Panels	AC	No	No	Warm	Yes				
1M16F0020A	VACUUM BREAKER CHECK VALVE	CO	642	315 DEG	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	Containment	0. Other	DV	No	Damp	Warm	Yes				
1M39B0001B	1M39-B0001B FAN	AX	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	EP	Yes	No	Warm	Yes			15.101	5.55E-02
1M39B0003	ROOM COOLING FAN	AX	574	C/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	10. Air Handlers	EP	No	No	Warm	Yes			3.7252	1.84E-02
1M39B0006	FAN	AX	574	C/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	10. Air Handlers	EP	No	No	Warm	Yes			1.0633	1.06E-02
1M43C0001A	DIV 1 DG RM SUPPLY FAN 1A	DG	620	C/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I		6. HVAC	9. Fans	DB	No	No	Warm	Yes			1.021	5.45E-03
1M43C0002B	MOTOR FAN	DG	620	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	9. Fans	DB	No	No	Warm	Yes			1.1531	5.87E-03
1M43F0030A	DIV 1 RECIRC DAMPER	DG	620	D/02	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	No	Warm	Yes	ECP 09-0828-001, motor replacement			
1M43F0220B	MOTOR DAMPER	DG	620	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	DB	No	No	Warm	Yes			1.1215	1.23E-04
1P42A0001B	ECCW Surge Tank	IB	665	F/06	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Warm	Yes			3.5153	2.91E-06
1P42B0001B	ECCW Heat Exchanger	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	21. Tanks and Heat Exchangers	EC	No	Dry	Cool	Yes			10.272	1.64E-04

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1P42C0001B	ECCW Pump	CC	574	E/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	5. Horizontal Pumps	EC	No	Dry	Cool	Yes			15.105	3.34E-02
1P42F0665A	Temperature Control Valve	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	EP	No	Dry	Cool	Yes	ECP 94-0027, New 3-way valve for bypass around ECCW HX		8.1668	1.12E-04
1P42F0665B	Temperature Control Valve	CC	574	C/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	6. HVAC	7. Pneumatic-Operated Valves	EP	No	Dry	Cool	Yes	ECP 94-0027, New 3-way valve for bypass around ECCW HX		8.865	1.18E-04
1P43F0055	NCC CNTMT SUPPLY OTBD ISOL	IB	599	B/02	Screens 1, 2, 3, 4a, 4b, 4c	Containment Isolation Eqpt List	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	NC	No	Dry	Warm	Yes	ECP 03-0358, Upgraded valve actuator			
1P45C0001B	ESW Pump 1P45-C0001B	EW	586	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	6. Vertical Pumps	ES	No	Humid/ Dry	Cool	Yes			15.205	7.20E-02
1P45F0130B	ESW MOV 1P45-F0130B	EW	586	D/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	4. SW&CCW	8A. Motor-Operated Valves	ES	No	Humid/ Dry	Cool	Yes			14.606	5.16E-02
1P57A0003A	STORAGE AIR TANK	FH	620	C/09	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	21. Tanks and Heat Exchangers	SI	No	Dry	Warm	Yes			8.7853	9.01E-06
1P57F0015A	MOTOR VALVE	IB	599	E/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	No	Dry	Warm	Yes			31.659	1.26E-03
1P57F0015B	MOTOR VALVE	AX	620	C/08	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	5. Compressed Air	8A. Motor-Operated Valves	SI	No	No	Warm	Yes			31.659	1.26E-03
1R22S0006-E04	Transformer EHF-1-C	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	IPEEE SSEL	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			15.529	4.53E-04
1R22S0007	Bus EH11	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			4.4289	5.19E-05
1R22S0009	Bus EH13	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	3. Medium Voltage Switchgear	AC	No	Dry	Cool	Yes			1.4318	9.20E-07

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1R23S0012	480 V Bus EF-1-D (1R23-S0012) Loss of Function	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	2. Low Voltage Switchgear	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
1R24S0028	480V MCC EF1D08 (1R24S0028) Loss of Function	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Dry	Cool	Yes			5.0417	8.61E-06
1R24S0032	480 V MCC EF1C12	EW	586	A/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	1. Motor Control Centers	AC	No	Humid/ Dry	Cool	Yes			4.2176	6.86E-06
1R25S0014	Instrument Panel EB-1-A1	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0016	Distribution Panel EK-1-A1	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R25S0018	Instrument panel EB-1-B1	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0020	Distribution panel EK-1-B1	CC	620	A/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes			1.1499	3.19E-07
1R25S0022	Distribution panel EK-1-C1	CC	620	B/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	14. Distribution Panels	AC	No	Dry	Cool	Yes				
1R25S0025	480V to 120V XFMR EFB-1-A1	CC	620	C/03	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes				
1R25S0033	480V to 120V XFMR EFB-1-A2	CC	620	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	4. Transformers	AC	No	Dry	Cool	Yes			2.14	3.56E-05
1R42S0002	Unit 1 Div 1 Battery	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	15. Battery Racks	DC	No	Dry	Cool	Yes	ECP 99-5010, Equipment Upgrades		14.275	8.99E-04

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1R42S0008	EFD-1-B Battery Charger	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	16. Battery Chargers and Inverters	DC	No	Dry	Cool	Yes	ECP 02-0184-011 REPLACEMENT OF MOTOR CONTROL CENTER EF1D08, COMPARTMENT D (1R24S0028-00D)		22.196	5.05E-03
1R42S0012	Distribution panel ED1A06	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			13.095	7.29E-05
1R42S0013	ED1B06 distribution panel	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			11.195	6.14E-05
1R42S0014	ED1B08 distribution panel	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	14. Distribution Panels	DC	No	Dry	Cool	Yes			3.1654	1.30E-05
1R42S0024	ED-1-A 125 V DC Bus	CC	638	B/03	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes			13.144	7.32E-05
1R42S0037	ED-1-C 125 V DC Bus	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	No	Warm	Yes			1.7497	4.52E-06
1R42S0038	DIV 2, MCC ED1B09	CC	638	B/02	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	2. DC Power	1. Motor Control Centers	DC	No	Dry	Cool	Yes				
1R43S0001B	Division 2 Emergency Diesel Generator	DG	620	B/02	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	17. Engine Generators	DG	No	No	Warm	Yes			4.5936	6.24E-02
1R45A0003A	Div 1 EDG Fuel Oil Day Tank	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes				
1R45C0002B	Fuel Oil Transfer Pump	DG	620	B/01	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	No	Warm	Yes	ECP 00-5003, Reconfigure Stop/Auto/Start Switches		1.0011	8.24E-03
1R45C0003A	DIV 1 FO BOOSTER PMP	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	1. AC Power	5. Horizontal Pumps	DG	No	No	Warm	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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	Inspection?	Safety Function	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FV of COMP
1R45N0140A	Div 1 EDG Day Tank Level Switch	DG	620	C01	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	1. AC Power	18. Instrument (on) Racks	DG	No	No	Warm	Yes				
1R46B0001A	DIV 1 JW/LO HT EXCH	DG	620	C/01	Screens 1, 2, 3, 4a, 4b, 4c	IPEEE SSEL	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes				
1R46B0002B	Heat Exchanger	DG	620	B/01	Screens 1, 2, 3, 4a, 4b, 4c, 4f	Internal PRA	Cat I	No	1. AC Power	21. Tanks and Heat Exchangers	DG	No	No	Warm	Yes			3.828	1.04E-03
2R42S0037	125 V DC Bus ED-2-C	CC	620	D/04	Screens 1, 2, 3, 4a, 4b, 4c	Internal PRA	Cat I	No	2. DC Power	2. Low Voltage Switchgear	DC	No	Dry	Cool	Yes				

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

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
0G41A0002A	FPCC SURGE TANK	IB	599	G/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	No	Dry	Warm	Yes		
0G41A0002B	FPCC SURGE TANK	IB	599	G/07		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	Dry	Warm	Yes		
0G41A0006	SPENT FUEL STORAGE POOL	FH	620	H/08		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	No	Damp	Warm	Yes		
0G41B0001A	HEAT EXCHANGER, FUEL POOL COOLING & CL	IB	599	H/07		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	Dry	Warm	Yes		
0G41B0001B	HEAT EXCHANGER, FUEL POOL COOLING & CL	IB	599	H/07		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	Dry	Warm	Yes		
0G41C0003A	FPCC PUMP A	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	5. Horizontal Pumps	SF	Yes	Dry	Warm	Yes		
0G41C0003B	FPCC PUMP B	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	5. Horizontal Pumps	SF	Yes	Dry	Warm	Yes		
0G41F0085	FPCC LOWER PLS SUPP ISOL VLV	IB	599	G/07		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0280	FPCC F/D OTBD INLET VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0285	FPCC F/D INBD INLET VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0290	FPCC F/D INBD OUTLET VLV	IB	599	G/05		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0295	FPCC F/D OTBD OUTLET VLV	IB	599	G/05		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0360	FPCC F/D BYP VLV	IB	599	H/06		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		
0G41F0542A	FUEL POOL CIRC PUMP A SUCTION VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		

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

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
0G41F0542B	FUEL POOL CIRC PUMP B SUCTION VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0545A	FPCC PUMP A DISCH CHECK VLV	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0545B	FPCC PUMP B DISCH CHECK VLV	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0546A	FUEL POOL CIRC PUMP A DISCHARGE VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0546B	FUEL POOL CIRC PUMP B DISCHARGE ISOL V	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0547A	VALVE BUT MAN 10.0 150 (*BUTTERF	IB	599	I/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0547B	VALVE BUT MAN 10.0 150 (*BUTTERFL	IB	599	I/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0550A	FPCC HX A OUTLET ISOL	IB	599	I/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0550B	FPCC HX B OUTLET ISOL	IB	599	I/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0551	FPCC HX BYPASS	IB	599	I/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0556	SPENT FUEL STRG POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0557A	FPCC TO UNIT 1 RHR RETURN ISOLATION	IB	599	G/08		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0558	FUEL TRANSFER POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0559A	FPCC TO UNIT 1 RHR SUPPLY ISOL	AX	599	J/08		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		

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

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
0G41F0560	FUEL STRG & PREP POOL SUPPLY ISOL	IB	599	G/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0581	FUEL POOL CASK PIT DRAIN ISOL VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c, 4	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		Yes
0G41F0610A	FPCC SURGE TANK A FILL FROM ESW EMG M/U	IB	599	G/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0610B	FPCC SURGE TANK B FILL FROM ESW EMG M/U	IB	599	J/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0732	FUEL POOL CIRC PUMP DISCH TO HOTWELLS	IB	574	K/02		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
1E12B0001A	RHR HEAT EXCHANGER	AX	599	B/07		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes		
1E12B0001B	RHR HEAT EXCHANGER	AX	599	B/04		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes		
1E12B0001C	RHR HEAT EXCHANGER	AX	599	B/07		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes		
1E12B0001D	RHR HEAT EXCHANGER	AX	599	B/04		SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	Yes	No	Warm	Yes		
1E12C0002A	RHR PUMP A	AX	574	B/07		SFP Eqpt List	Cat I	No	5. Horizontal Pumps	SF	Yes	No	Warm	Yes		
1E12C0002B	RHR PUMP B	AX	574	B/04		SFP Eqpt List	Cat I	No	6. Vertical Pumps	SF	Yes	No	Warm	Yes		
1E12F0003A	RHR A HX' S OUTLET VALVE	AX	574	C/06		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0003B	RHR B HX' S OUTLET VALVE	AX	574	C/04		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0029A	RHR PUMP A MANUAL DISCH SHUTOFF VALVE	AX	574	B/07		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		

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

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
1E12F0029B	RHR PUMP B MANUAL DISCH SHUTOFF VALVE	AX	574	B/03		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0031A	RHR PUMP A DISCH CHECK VALVE	AX	574	B/05		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0031B	RHR PUMP B DISCH CHECK VALVE	AX	574	B/03		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0047A	RHR A HX' S INLET VALVE	AX	620	B/06		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0047B	RHR B HX'S INLET VALVE	AX	620	B/04		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0048A	RHR A HX S BYPASS VALVE	AX	599	B/07		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0048B	RHR B HX S BYPASS VALVE	AX	599	B/07		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0066A	FPCC SUCTION ISOL VALVE	AX	574	B/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0066B	FPCC SUCTION ISOL	AX	574	B/04		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0099A	RHR A FPCC SUPPLEMENT COOLING DISCHARGE	AX	599	C/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1E12F0099B	RHR B FPCC SUPPLEMENT COOLING DISCHARGE	AX	599	C/03		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	No	Warm	Yes		
1E12F0621	RHR ISO VALVE (ECP 04-0270-0	AX	599	C/06		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	No	Warm	Yes		
1G41F0090	CONTAINMENT POOL INFLUENT. FL (*BUTTE	IB	599	G/07		SFP Eqpt List	Cat I	No	8A. Motor-Operated Valves	SF	Yes	Dry	Warm	Yes		

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

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
1P45F0505A	VALVE, GLOBE MAN. 0.7500 IN 1500 PSI	EW	586	D/05		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0505B	ESW PUMP B DISCHARGE PRESSURE INST ROOT	EW	586	D/03		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0560A	ESW PUMP A STRAINER DIFF PRESS INST RO	EW	586	C/05		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0560B	ESW PUMP B STRAINER DIFF PRESS INST ROOT	EW	586	C/03		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0561A	ESW PUMP A STRAINER DIFF PRESS INST RO	EW	586	C/05		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0561B	ESW PUMP B STRAINER DIFF PRESS INST ROOT	EW	586	C/03		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Wet	Cool	Yes		
1P45F0564A	ESW EMG MAKEUP TO FPCC SURGE TANK A	IB	599	G/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
1P45F0564B	ESW EMG MAKEUP TO FPCC SURGE TANK B	IB	599	J/07		SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
1P45F0660	FIRE PROTECTION SYS BACKUP FROM ESW	EW	586	D/05	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	No	Humid/Dry	Cool	Yes		

Table 4-4 SWEL 2 (Spent Fuel Pool)

Equipment ID	Description	Building	Elevation	Room#	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 & Replacement Equip.	Screen 4 - Cause Rapid Draindown
							Category	Inspection?	EPRI 21 Category	System	High Rad?	Moisture	Temperature	Inside?		
0G41A0002A	FPCC SURGE TANK	IB	599	G/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	21. Tanks and Heat Exchangers	SF	No	Dry	Warm	Yes		
0G41C0003A	FPCC PUMP A	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	5. Horizontal Pumps	SF	Yes	Dry	Warm	Yes		
0G41C0003B	FPCC PUMP B	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	5. Horizontal Pumps	SF	Yes	Dry	Warm	Yes		
0G41F0542A	FUEL POOL CIRC PUMP A SUCTION VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0542B	FUEL POOL CIRC PUMP B SUCTION VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0545A	FPCC PUMP A DISCH CHECK VLV	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0545B	FPCC PUMP B DISCH CHECK VLV	IB	574	H/06	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0546A	FUEL POOL CIRC PUMP A DISCHARGE VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0546B	FUEL POOL CIRC PUMP B DISCHARGE ISOL V	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		
0G41F0581	FUEL POOL CASK PIT DRAIN ISOL VALVE	IB	574	H/07	Screens 1, 2, 3a, 3b, 3c, 4	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	Yes	Dry	Warm	Yes		Yes
1P45F0660	FIRE PROTECTION SYS BACKUP FROM ESW	EW	586	D/05	Screens 1, 2, 3a, 3b, 3c	SFP Eqpt List	Cat I	No	0d. Other - check/manual valve	SF	No	Humid/Dry	Cool	Yes		

5.0 SEISMIC WALK-DOWN AND AREA WALK-BYS

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

It is concluded that the approach implemented to conduct the seismic walk-downs and area walk-bys satisfies the characteristics and recommendations outlined in EPRI Report 1025286. Therefore, by following these guidelines, the walk-down 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 WALK-DOWN PREPARATION

The overall procedure directly implements the EPRI guidelines. However, because of 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 walk-down 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, Perry NPP does not possess 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 walk-down.

Prior to the walk-downs, the Seismic Walk-down Engineers (SWE) examined available plant documentation associated with anchorage design and correlated this to relevant SWEL components, the respective Seismic Walk-down Checklists (SWC), and Area Walk-By Checklists (AWC). This pre-walk-down 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 for use in verifying, if required, any anchorage configuration during the walk-downs.

Radiation and High Radiation Maps were also incorporated into the SWEs electronic tablets prior to the walk-down proceedings. This action helped the SWEs conduct briefs with Radiation Protection (RP) prior to entering any radiation, high radiation, or contaminated areas. This

practice resulted in lower than expected doses for the walk-down team, and were noted by the site as good ALARA practices.

5.2 NTTF 2.3 WALK-DOWNS

The NTTF 2.3 walk-downs at Perry were performed over a duration of five days from August 6 to August 10, 2012. During the walk-downs, the SWEs completed the walk-down checklists as SWEL components were inspected. Selected anchorage configurations were verified for 50 percent of the floor or wall mounted components on the SWEL. The anchorage was compaired to design documentation, including anchorage design drawings and IPEEE calculations.

5.3 POST WALK-DOWN ACTIVITIES

The primary activity after the walk-down 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 walk-down were linked to the respective checklists. Some of the findings from the walk-down, which could not readily be dispositioned during the walk-downs, were evaluated further through additional calculation/modification package reviews for proper disposition. Furthermore, the post walk-down activity also developed this walk-down report.

6.0 SUMMARY OF THE WALK-DOWN RESULTS

6.1 WALK DOWN ITEMS AND WALK-BY AREAS

The SWEL 1 included a total of 109 components, and SWEL 2 included a total of 11 components. From this total of 120 components, 110 components were walked down and 10 components were inaccessible and will require walk-down during the next refueling outage. The SWEL 1 included nine items located in the Drywell and SWEL 2 included one item in the Intermediate Building, which were inaccessible and therefore were not walked down. These items will be walked down during the next refueling outage. Table 6-1 and Table 6-2 identify the walk-down items and walk-by areas, respectively. The area walk-bys and the walk-down items are cross-correlated on the respective SWCs and AWCs. Table 6-3 lists the components that will be walked down during next refueling outage and Table 6-4 provides the total number of walked down components arranged by their respective equipment classes.

Table 6-1: Perry NTTF 2.3 Walk-down Items (SWEL 1+2) *			
Equipment ID No	**Equipment Class**	**Bldg**	**Floor El**
0G41A0002A	21. Tanks and Heat Exchangers	IB	599
0G41C0003A	5. Horizontal Pumps	IB	574
0G41C0003B	5. Horizontal Pumps	IB	574
0G41F0542A	0D. Other-Check Valve or Manual Valve	IB	574
0G41F0542B	0D. Other-Check Valve or Manual Valve	IB	574
0G41F0545A	0D. Other-Check Valve or Manual Valve	IB	574
0G41F0545B	0D. Other-Check Valve or Manual Valve	IB	574
0G41F0546A	0D. Other-Check Valve or Manual Valve	IB	574
0G41F0546B	0D. Other-Check Valve or Manual Valve	IB	574
0H51P0039	20. Instrument and Control Panels	CC	574
0H51P0164	20. Instrument and Control Panels	CC	679
0H51P0193	20. Instrument and Control Panels	CC	574
0H51P0318	20. Instrument and Control Panels	CC	574
0H51P1310	20. Instrument and Control Panels	EW	586
0M23C0001A	9. Fans	CC	679
0M23C0002A	9. Fans	CC	679
0M23F0100A	9. Fans	CC	679
0P47B0001A	11. Chillers	CC	574
0P47C0001A	5. Horizontal Pumps	CC	574
0P49D0001A	0. Other	EW	586
0P49F0502A	0D. Other-Check Valve or Manual Valve	EW	586
0R24S0020	1. Motor Control Centers	CC	620
0R42S0011	16. Battery Chargers and Inverters	CC	620
1B21N0067C	18. Instrument (on) Racks	CO	620
1B21N0073C	18. Instrument (on) Racks	CO	620
1C11F0083	8A. Motor-Operated Valves	FH	620
1C11F0110A	8B. Solenoid Valves	CO	642
1C11F0160A	8B. Solenoid Valves	CO	642
1C22P0001	20. Instrument and Control Panels	CC	654
1C41A0003	21. Tanks and Heat Exchangers	IB	620
1C41C0001A	5. Horizontal Pumps	CO	642
1C41F0001A	8A. Motor-Operated Valves	CO	642
1C41F0029A	7. Pneumatic-Operated Valves	CO	642
1E12B0001B	21. Tanks and Heat Exchangers	AX	599

Table 6-1: Perry NTTF 2.3 Walk-down Items (SWEL 1+2) *			
Equipment ID No	**Equipment Class**	**Bldg**	**Floor El**
1E12B0001D	21. Tanks and Heat Exchangers	AX	599
1E12C0002B	6. Vertical Pumps	AX	574
1E12F0003B	8A. Motor-Operated Valves	AX	574
1E12F0004B	8A. Motor-Operated Valves	AX	574
1E12F0029B	0D. Other-Check Valve or Manual Valve	AX	574
1E12F0048B	8A. Motor-Operated Valves	AX	599
1E21C0001	6. Vertical Pumps	AX	574
1E21F0001	8A. Motor-Operated Valves	AX	574
1E21N0050	18. Instrument (on) Racks	AX	574
1E22B5003	21. Tanks and Heat Exchangers	DG	620
1E22C0001	6. Vertical Pumps	AX	574
1E22F0004	8A. Motor-Operated Valves	AX	620
1E22F0010	8A. Motor-Operated Valves	AX	574
1E22F0024	0D. Other-Check Valve or Manual Valve	AX	574
1E22N0005	18. Instrument (on) Racks	AX	574
1E22S0001	17. Engine Generators	DG	620
1E22S0005	15. Battery Racks	CC	620
1E51B0002	21. Tanks and Heat Exchangers	AX	574
1E51F0045	8A. Motor-Operated Valves	AX	574
1E51N0055A	18. Instrument (on) Racks	AX	574
1G41F0145	8A. Motor-Operated Valves	IB	620
1G43N0060A	18. Instrument (on) Racks	AX	574
1G43N0060B	18. Instrument (on) Racks	AX	574
1H13P0701	20. Instrument and Control Panels	CC	654
1H51P0037	20. Instrument and Control Panels	AX	599
1H51P0871	20. Instrument and Control Panels	CC	620
1H51P0975	20. Instrument and Control Panels	AX	599
1H51P1421	20. Instrument and Control Panels	DG	620
1M16F0020A	0D. Other-Check Valve or Manual Valve	CO	642
1M39B0001B	9. Fans	AX	574
1M39B0003	9. Fans	AX	574
1M39B0006	9. Fans	AX	574
1M43C0001A	9. Fans	DG	620
1M43C0002B	9. Fans	DG	620
1M43F0030A	7. Pneumatic-Operated Valves	DG	620

Table 6-1: Perry NTTF 2.3 Walk-down Items (SWEL 1+2) *

Equipment ID No	Equipment Class	Bldg	Floor El
1M43F0220B	8A. Motor-Operated Valves	DG	620
1P42A0001B	21. Tanks and Heat Exchangers	IB	665
1P42B0001B	21. Tanks and Heat Exchangers	CC	574
1P42C0001B	5. Horizontal Pumps	CC	574
1P42F0665A	7. Pneumatic-Operated Valves	CC	574
1P42F0665B	7. Pneumatic-Operated Valves	CC	574
1P43F0055	8A. Motor-Operated Valves	IB	599
1P45C0001B	6. Vertical Pumps	EW	586
1P45F0130B	8A. Motor-Operated Valves	EW	586
1P45F0660	0D. Other-Check Valve or Manual Valve	EW	586
1P57A0003A	21. Tanks and Heat Exchangers	FH	620
1P57F0015A	8A. Motor-Operated Valves	IB	599
1P57F0015B	8A. Motor-Operated Valves	AX	620
1R22S0006-E04	4. Transformers	CC	620
1R22S0007	3. Medium Voltage Switchgear	CC	620
1R22S0009	2. Medium Voltage Switchgear	CC	620
1R23S0012	2. Low Voltage Switchgear	CC	620
1R24S0028	1. Motor Control Centers	CC	620
1R24S0032	1. Motor Control Centers	EW	586
1R25S0014	20. Instrument and Control Panels	CC	620
1R25S0016	20. Instrument and Control Panels	CC	620
1R25S0018	14. Distribution Panels	CC	620
1R25S0020	14. Distribution Panels	CC	620
1R25S0022	14. Distribution Panels	CC	620
1R25S0025	4. Transformers	CC	620
1R25S0033	4. Transformers	CC	620
1R42S0002	15. Battery Racks	CC	638
1R42S0008	16. Battery Chargers and Inverters	CC	638
1R42S0012	14. Distribution Panels	CC	638
1R42S0013	14. Distribution Panels	CC	638
1R42S0014	14. Distribution Panels	CC	638
1R42S0024	2. Low Voltage Switchgear	CC	638
1R42S0037	2. Low Voltage Switchgear	DG	620
1R42S0038	1. Motor Control Centers	CC	638
1R43S0001B	17. Engine Generators	DG	620

Table 6-1: Perry NTTF 2.3 Walk-down Items (SWEL 1+2) *			
Equipment ID No	**Equipment Class**	**Bldg**	**Floor El**
1R45A0003A	21. Tanks and Heat Exchangers	DG	620
1R45C0002B	5. Horizontal Pumps	DG	620
1R45C0003A	5. Horizontal Pumps	DG	620
1R45N0140A	18. Instrument (on) Racks	DG	620
1R46B0001A	21. Tanks and Heat Exchangers	DG	620
1R46B0002B	21. Tanks and Heat Exchangers	DG	620
2R42S0037	2. Low Voltage Switchgear	CC	620

* Does not include items in Table 6-3, which will be walked down during the next plant outage.

Table 6-2: Perry NTTF 2.3 Walk-By Areas		
Room	**Bldg**	**Floor El**
1AB-1a	AX	574
1AB-1c	AX	574
1AB-1e	AX	574
1AB-1e (2)	AX	599
1AB-1f	AX	574
1AB-1f (2)	AX	620
1AB-1g	AX	574
1AB-2	AX	599
1AB-3a	AX	620
1CC-3a	CC	620
1CC-3b	CC	620
1CC-3c	CC	620
1CC-4c	CC	638
1CC-4g	CC	638
1CC-4h	CC	638
1CC-5a	CC	654
1DG-1a	DG	620
1DG-1b	DG	620
1DG-1c	DG	620
2CC-3a	CC	620
2CC-6a	CC	679

Table 6-2: Perry NTTF 2.3 Walk-By Areas		
Room	**Bldg**	**Floor El**
CC-1	EW	586
CO-620	CO	620
CO-642	CO	642
EW-1	EW	586
FH-2a	IB	599
FH-3a	FH	620
IB-1a	IB	574
IB-2	IB	599
IB-2 (2)	IB	599
IB-3a	IB	620
IB-4	IB	665

Table 6-3: Perry NTTF 2.3 Inaccessible Items on SWEL 1+2 *				
Equip. ID	**Description**	**Bldg**	**El**	**Column/Row or Deg**
1B21A0003A	Accumulator For F0041A	DW	630	58 DEG
1B21F0022A	IB MSIV B21-F0022A	DW	630	1 DEG
1B21F0041A	ADS Valve	DW	630	55 DEG
1B21F0410A	SV For F041A	DW	630	55 DEG
1B21F0410B	SV For F041A	DW	630	55 DEG
1B33C0001A	RX Recirculation Pump A	DW	599	145 DEG
1E51F0063	1E51-F0063 Motor Valve	DW	626	0 DEG
1H22P0011	Standby Liquid Control Instrument Rack	DW	630	306 DEG
1H51P1335	SDV Local Instrument Rack	DW	620	105 DEG
0G41F0581	Fuel Pool Cask Pit Drain Isolation Valve	IB	574	H/07

* These items will be walked down during the next refueling outage

Table 6-4: Perry 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	4
2	Low Voltage Switchgear and Breaker Panels	4
3	Medium Voltage, Metal-Clad Switchgear	2
4	Transformers	3
5	Horizontal Pumps	8
6	Vertical Pumps	4
7	Pneumatic-Operated Valves	8
8	Motor-Operated and Solenoid-Operated Valves	19
9	Fans	5
10	Air Handlers	2
11	Chillers	1
12	Air Compressors	0
13	Motor Generators	0
14	Distribution Panels and Automatic Transfer Switches	8
15	Battery Racks	2
16	Battery Chargers and Inverters	2
17	Engine Generators	2
18	Instrument Racks	8
19	Temperature Sensors	0
20	Instrumentation and Control Panels	12
21	Tanks and Heat Exchangers	13
	Total	***120***

6.2 WALK DOWN AND AREA WALK-BY FINDINGS

The examination of walk-down items and observations in area walk-bys confirms the general seismic robustness of the design and installation of SSCs at Perry The Plant is well maintained and no major issues related to potentially adverse conditions were uncovered. In general, based on the limited number of potentially adverse seismic conditions identified during the walk-down, it can be concluded that most components and areas were found to be in good condition and no major degraded or design non-conformances were identified. Generally, the nature of the potentially adverse conditions was related to credible interaction effects and conformance with plant control process.

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 Walk-downs and Area Walk-Bys.

6.2.1 Seismic Walk-down Findings

The following section presents potentially adverse seismic conditions and findings identified during the Seismic Walk-downs. A total of 11 potentially adverse seismic conditions were identified during the Seismic Walk-downs. Table 6-5 provides a summary of all 11 adverse finding conditions identified. As shown in Table 6-5, only two condition reports were issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation was not required are provided in the Component's respective SWC provided in Appendix B.

Table 6-5: Potentially Adverse Seismic Conditions Identified from SWC's

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
1R22S0006-E04	4. Transformers	Unrestrained storage locker.	Y	CR 2012-12222
1R24S0028	1. Motor Control Centers	Shims-Embed Weld Detail	N	SWC for 1R24S0028

Table 6-5: Potentially Adverse Seismic Conditions Identified from SWC's

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
1R25S0016	20. Instrument and Control Panels	Shims-Embed Weld Detail	N	SWC for 1R25S0016
0R24S0020	1. Motor Control Centers	Shims-Embed Weld Detail	N	SWC for 0R24S0020
1R25S0014	20. Instrument and Control Panels	Shims-Embed Weld Detail	N	SWC for 1R25S0014
1R25S0018	14. Distribution Panels	Shims-Embed Weld Detail	N	SWC for 1R25S0018
1R25S0020	14. Distribution Panels	Shims-Embed Weld Detail	N	SWC for 1R25S0020
1R25S0022	14. Distribution Panels	Shims-Embed Weld Detail	N	SWC for 1R25S0022
1R42S0024	2. Low Voltage Switchgear	Centered trolleys on top of switchgear	N	SWC for 1R42S0024
1R23S0012	2. Low Voltage Switchgear	Centered trolleys on top of switchgear	N	SWC for 1R23S0012
1H51P0037	20. Instrument and Control Panels	Scaffold storage rack close to HVAC control panel	Y	CR 2012-12375

Conditions which were noted but subsequently resolved are briefly described below.

- ***Shim - Embed Weld Details for MCCs and Panels***

During the walk-down proceedings, several MCCs, including 1R24S0028, were apparently missing part of the stitch welds at the base. A portion of the base is stitch welded directly to the embedment and the rest is welded to shims that appear to only bear on the embedded angle. This finding was addressed adequately in calculation SQ-0178 for ECP 02-0184 rev 0 and all referenced Design Inputs (i.e., the shims are slot welded to embed angles). No further action was required.

Figure 6-1: Missing shim plates on MCC embed

- ***Trolleys on top of Switchgears***

SWEs identified trolleys with hoists that were on top of switchgear SWEL components. These trolleys with hoists that are free to move could create a potential adverse interaction by banging into end stops during an earthquake. These conditions were resolved by ensuring the hoist was properly tagged and restrained within the trolley. In addition, it was confirmed that the issue was addressed during the IPEEE program and no further action was required.

Figure 6-2: Centered trolley on top of switchgear

- ***Unrestrained storage locker***

An unrestrained storage locker approximately 76 inches tall was identified in the Unit 1 Division 2 switchgear room. This was considered as a potential interaction hazard due to the proximity with the Class 1E electrical bus EH12. The electrical bus EH12 powers Division 2 safety systems. The SWT confirmed that there was an existing IPEEE vulnerability resolution associated to this condition, and that its intent was to replace the locker with a shorter locker. The resolution was not implemented. A condition report (CR 2012-12222) was written to document the issue and operations personnel were notified. The storage locker was subsequently removed from the room.

Figure 6-3: Storage locker near bus EH12

- ***Scaffold storage rack close to HVAC control panel***

During the seismic walk-downs, a scaffold storage rack was identified close to an HVAC control panel located in Auxiliary Building on floor elevation 599'. The top storage section of the rack was found with inadequate restraint, posing a potential impact from sliding of scaffold planks and tubes during an earthquake, thus hitting the HVAC control panel for the Division 1 and Division 3 pump rooms. A condition report (CR 2012-12375) was issued to address this condition.

Figure 6-4: Scaffold storage rack close to HVAC control panel

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 6-6 provides a summary of all 7 adverse findings identified. As shown in Table 6-6, three condition reports were issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation was not required are provided in the Area's respective AWCs provided in Appendix C.

Table 6-6: 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
CC-1	CC	586	Flexible branch lines for fire protection piping	N	AWC for CC-1
1CC-5a	CC	654	Control room ceiling grates	Y	CR 2012-12335
CC-1	CC	586	Unanchored Instrument Air Dryers	N	AWC for CC-1
CC-1	CC	586	Seismic violation tags on cast iron pipes	N	AWC for CC-1
IB-2 (2)	IB	599	Scaffold structure for chiller unit	Y	CR 2012-12373
1CC-5a	CC	654	Validation of IPEEE commitments	Y	CR 2012-12331
1AB-2	AX	599	Flooding Source in AX at El 599'	N	AWC for 1AB-2

- ***Flexible branch lines for fire protection piping***

During the area walk-bys, SWEs identified fire protection piping with rather flexible configurations and Victaulic fittings in area CC-1 on the CC 574'. This could expose the ECCW system to seismic induced flooding from the fire protection piping system in the area. It was verified that the Victaulic couplings are Type 77, and that they are grooved couplings with good seismic performance. The actual field routing and support configuration of the fire suppression system, as well as potential targets, were evaluated and determined to be satisfactory.

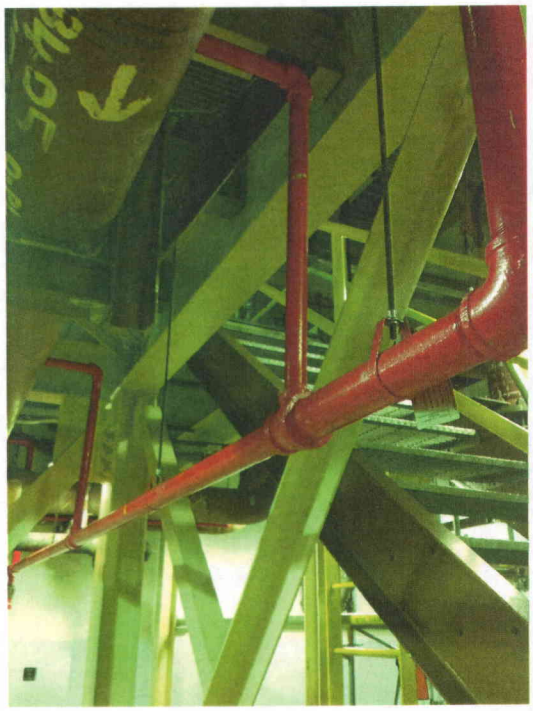

Figure 6-5: Branch lines for fire protection piping located in CC-1 at elevation 574'

- ***Control room ceiling grates***

While inspecting the Control Room area, it was noticed that ceiling grates were not tied off vertically such that they could potentially dislodge and fall during an earthquake. In order to assess this finding, calculation 36.75.2.2 was reviewed. The upper ceiling assembly had a finite element analysis and a manual calculation of the support rods for the egg crate drop-ins. These documents identified no seismic concerns. Even though the seismic design basis requirements were met, an enhancement condition report (CR 2012-12335) was written to identify an opportunity to improve the standard by tie wrapping the egg crate tiles to ceiling's cross members.

- ***Unanchored Instrument Air Dryers***

Instrument Air Dryers (1H51P0097) located in area CC-1 on CC 574' were identified with missing anchorage. This equipment could break free and strike nearby air receiver tanks during a seismic event. SWEs identified this unanchored equipment as a non-safety related component and it was installed in that location per the original design. A subsequent walk-down was performed by a FENOC structural engineer, and it was confirmed that there are no safety related components located in the near vicinity of this rack, as well as no seismic II/I concern. It was concluded that this unanchored condition was acceptable and no further action was required.

Figure 6-6: Unanchored instrument air dryers located in CC-1 on CC 574'

- ***"Seismic Violation" tags on cast iron pipes***

Some cast iron pipes were identified with tags reading "Seismic Violation" while walking down area CC-1 on CC 574'. Tags were found with unique identification numbers. After post-walk-down discussions, it was confirmed that these tags related back to a seismic walk-down from the past, which had identified issues, and that Design Engineering previously resolved these issues. The 36-series structural calculations document these analyzed conditions. It was determined that no further action was required.

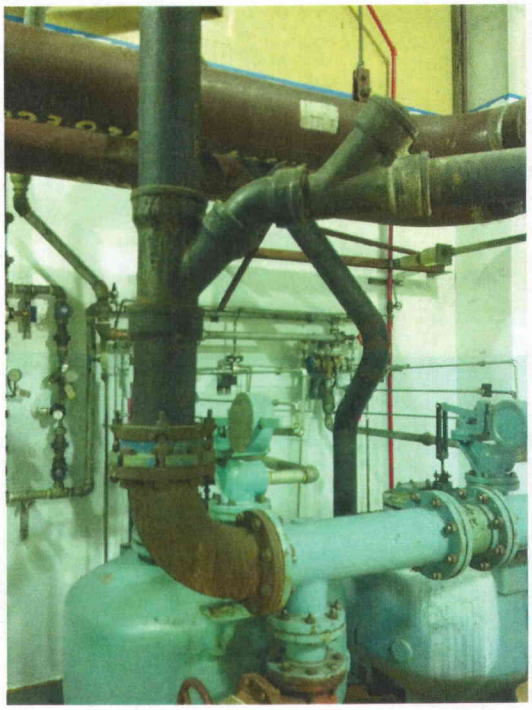

Figure 6-7: Cast iron piping identified with "Seismic Violation" Tags

- ***Scaffold structure for chiller unit***

While performing an area walk-by walk-down, a scaffold structure was identified as being used as a support system for a chiller unit in area IB-2 on Intermediate Building at elevation 599'. The scaffold was located next to a motor operated valve (1P43F0055). It was judged that there was no potential interaction with the MOV. However, a condition report (CR 2012-12373) was issued to address what appeared to be an unauthorized modification to the plant for a chiller unit on IB 599' that is supported by scaffold poles.

Figure 6-8: View of scaffolding structure for chiller unit

- ***Validation of IPEEE commitments***

During the walk-down proceedings, it was observed that spatial interaction and relay chatter vulnerabilities identified during the 1990's IPEEE program have not been adequately resolved.

The spatial interaction vulnerability originated from control room furniture that could impact cabinets containing seismic sensitive relays. A confirmatory walk down was performed, and there remained one furniture spatial interaction with cabinets P872 and P865. There was a table and a podium stored in close proximity to these cabinets. The furniture was subsequently moved to Unit 2.

Calculation 2:13.7 identifies certain relays related to the High Pressure Core Spray System (HPCS) system that would require operator action (OA) in the case of a seismic event. According to the calculation, there are 16 GE HFA Low Ruggedness Relays (LRRs) in the HPCS control circuitry. 11 of these relays are classified as "chatter acceptable" while the remaining five require OA after a period of strong shaking.

A condition report (CR 2012-12331) was issued to identify the IPEEE commitment associated with these five relays and the aforementioned control room spatial interaction.

- ***Flooding Source in AX at elevation 599'***

A potential seismically induced flooding source was identified from the TB Water Chiller (1P46B001A) located in area 1AB-1 on AB 599'. After further review, it was noted that the component is a Non-Category I system, and therefore, it was not considered as a design or licensing basis issue. Furthermore, flooding consequences are non significant, based on the limited volume of water and no Category I components in the vicinity of the component in question.

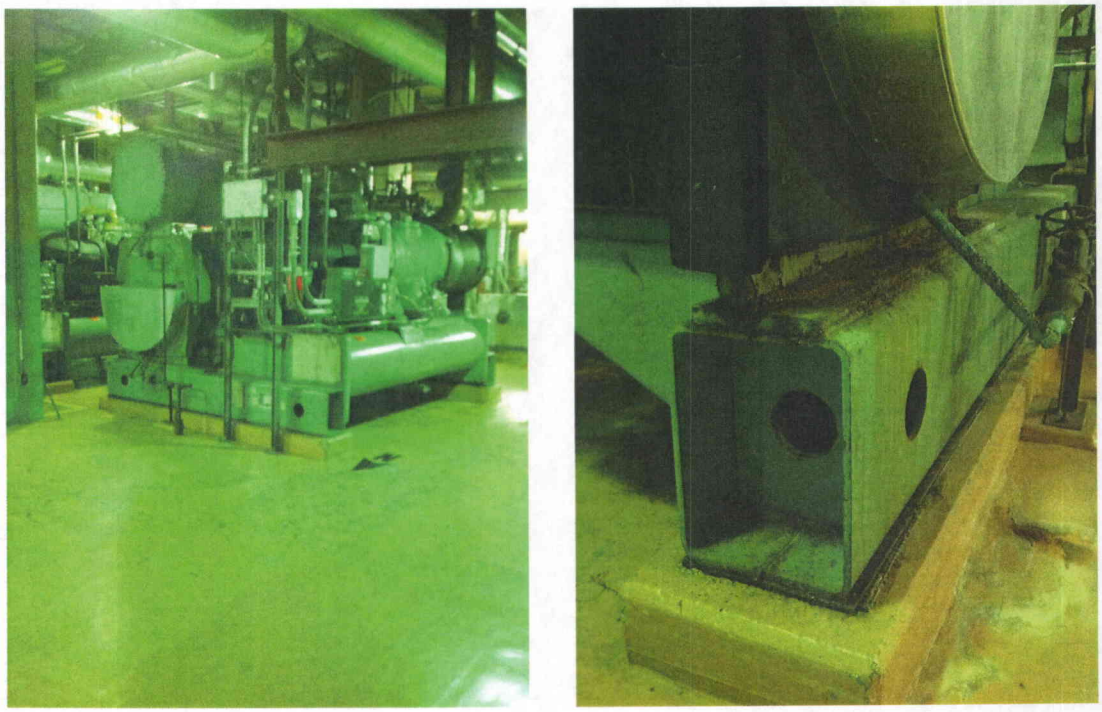

Figure 6-8: Potential flooding source on AX 599'

6.3 CONFIGURATION CHECKS

The SWEL 1+2 included 79 items, which were not in-line components such as valves. The process of verifying the anchorage configuration focused on 40 SWEL components selected prior to walk-down proceedings. *Appendix D* provides a list of the 40 components which comprise the anchorage configuration. The list is linked to the specific references used for verification purposes; i.e., IPEEE calculations, design drawings, etc.

The anchorage configuration for each of the 40 SWEL components listed in *Appendix D* was verified based on IPEEE calculations and/or Plant Design documentation. SWEs referred to design drawings as the main reference for anchorage verification whenever possible to have a complete field inspection of the anchorage. The design drawings were uploaded onto electronic tablets for quick accessibility during the walk-downs 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 new design concerns were identified. These configuration checks verified consistency of as-installed conditions to that of the design drawings/calculations in all 40 instances.

7.0 LICENSING BASIS EVALUATION

Six condition reports (CR) were generated as a result of these walk-downs . The following is a list of the condition reports written as a result of the walk-downs: CR 2012-12222, CR 2012-12331, CR 2012-12335, CR 2012-12373, CR 2012-12375 and CR 2012-12466. The following summarizes the condition and resolution to the condition reports written.

CR 2012-12222
This condition report documents an unrestrained storage locker which could overturn and strike the safety related electrical bus EH12. This was previously identified during the IPEEE walk-downs as a vulnerability. The storage locker was removed from the location and relocated to a maintenance shop.

CR 2012-12331
This condition report documents that Operator Actions may be required to manually reset relays after a seismic event as they are susceptible to relay chatter during a seismic event. This was

previously documented in Calculation 2:13.007 but was not reflected in the Alarm Response Instruction (ARI) procedures. Corrective Actions 2012-12331-1 and 2012-12331-2 were initiated to update the ARIs associated with the relays.

Additionally, the condition report documents a spatial interaction with control room furniture located near control room panels P872 and P865. The furniture was removed and relocated to the Unit 2 Control Room.

CR 2012-12335

This condition report documents the control room lower ceiling tiles do not meet industry standards for seismic considerations. While Perry is not a Seismic Qualification Utility Group (SQUG) plant, plants utilizing SQUG methodology have used plastic tie wraps to tie adjacent ceiling tiles. This ensures that during a design basis seismic event, if the tiles get dislodged from the framing, they will not fall directly onto personnel or on any cabinets below. This modification will help ensure the operability of the components in the control room. This is not a deviation from any design basis requirements. The control room ceiling consists of an upper and lower ceiling. The upper ceiling has been seismically analyzed and the lower ceiling is rod hung from the upper ceiling with 3/8" diameter threaded rods. Preliminary calculations concluded that the 3/8" diameter threaded rod with approximately 3' length has a buckling capacity of around 140 pounds, which is more than enough to resist any upward load from the ceiling tiles during a design basis seismic event. Therefore, the lower ceiling is capable to perform its intended design function, and thus does not pose any operability concern. Notification 600769396 was initiated to install plastic tie wraps to tie adjacent ceiling tiles.

CR 2012-12373

This condition report identifies air conditioning/cooler units in a scaffolding enclosure without proper evaluation. The investigation into this condition report documented that the components had been evaluated by FCR 22300 and Calculation 36:01.3.2.16.84. As the condition had been evaluated and properly documented no adverse condition existed. Notification 600784453 was initiated to install a storage label near this location to inform of the evaluation.

CR 2012-12375

This condition report identifies a potential seismic II/I concern due to a scaffold storage rack located next to a Division 1/Division 3 HVAC panel. The investigation into this condition report documented that the scaffold is installed in accordance with all applicable plant procedures and guidance, and has adequate clearance to the aforementioned equipment. Additionally, Corrective

Action 2012-12375-1 was initiated to eliminate the temporary scaffold storage location from this location.

CR 2012-12466
This condition report was written to summarize the potential issues that were identified during the walk-downs. This condition report does not identify any previously unidentified concerns or issues.

8.0 IPEEE VULNEARBILITIES

The IPEEE submitted by the Perry Nuclear Power Plant in June (later resubmitted on July 22, 1996) was reviewed for identified seismic vulnerabilities. The submittal stated on page 8-1, that four enhancements to reduce the threat of spatial interactions were identified and in the process of being implemented. Section 3.1.4.3.1 "Spatial Interaction Results" documents the spatial interaction problems as housekeeping issues. This task, 2.3 seismic walk-down, treated the spatial interaction problems as commitments and wrote two condition reports documenting the failure to resolve the issues. Calculations were reviewed and the "enhancements," their reference, and final resolution are documented in Appendix F.

Section 3.1.4.2.3 documents the relay chatter summary of results. The analysis is treated in section 3.1.4.2.2 and states that there are 5 relays that require manual operator actions to reset post seismic event. The results of this evaluation are contained in Appendix F, and a condition report was generated for failure to modify the operation procedures to alert the operator that post seismic event, certain relays may need to be reset.

9.0 PEER REVIEW

A peer review of the Submittal Report for the Near Term Task Force Recommendation 2.3 "Seismic Walk-downs" was performed using the guidance provided in Section 6 of EPRI Document 1025286, "Seismic Walk-down Guidance." The following are the peer reviewers for the Perry Nuclear Power Plant:

- 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 walk-downs 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 Walk-down Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286 "Seismic Walk-down 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 Perry Nuclear Power Plant 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 plant 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 types 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 Perry Nuclear Power Plant included 109 components.

The peer review also confirmed that the plant 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 Perry Nuclear Power Plant included 11 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 Walk-down 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: 10-1-12

(MOHAMMED F. ALVI)

Peer Reviewer #2: _____ Date: 10/1/12

John Reddington

Peer Review Checklist for SWEL

Comments on Question 1:

A peer review of the SWEL selected for the Perry Nuclear Power Plant 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. AC Power System
B. Controlled Complex Chilled Water
C. Control Rod Drive Hydraulics
D. Containment Isolation
E. Diesel Generator Building Ventilation System
F. DC Power System (Essential and Normal)
G. Onsite Electric Power (Division 1 and 2 Diesel Generators)
H. Onsite Electric Power (Division 3 Diesel Generator)
I. Drywell Vacuum Relief
J. Emergency Closed Cooling Water System
K. Emergency Core Cooling System Pump Room Cooling
L. Emergency Service Water System
M. Emergency Service Water Screen Wash System
N. High Pressure Core Spray
O. Instrument Air
P. Low Pressure Core Spray System
Q. MCC, Switchgear, and Misc. Electrical Areas HVAC
R. Nuclear Boiler

S. Nuclear Closed Cooling Water System
T. Reactor Core Isolation Cooling System
U. Safety Related Instrument Air
V. Standby Liquid Control System
W. Suppression Pool Make up
X. Reactor Pressure Vessel
Y. Remote Shutdown

Comments on Question 2b:

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

A. ECP 96-5089: Installed Torque Limit Switch
B. ECP 09-0821: Motor Replacement
C. ECP 94-0027: New 3-Way Valve for bypass around ECCW Hx
D. ECP 02-0184-011: Replacement of MCC EF1D08, Compartment D (1R24S0028-00D)
E. ECP 99-5010: Equipment Upgrades
F. ECP 03-0358: Upgrade Valve Actuator
G. ECP 09-0828-001: Motor Replacement
H. ECP 02-0184-019: MCC Compartment Replaced
I. ECP 00-5003: Reconfigure Stop/Auto/Start Switches

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. Motor Control Centers
B. Air Handlers
C. Distribution Panels
D. Battery Racks
E. Battery Chargers and Inverters
F. Engine Generators
G. Instrument on Racks
H. Low Voltage Switchgear
I. Instrument and Control Panels
J. Tanks and Heat Exchangers

K. Medium Voltage Switchgear
L. Transformers
M. Horizontal Pumps
N. Pneumatic Operated Valves
O. Motor Operated Valves
P. Solenoid Valves
Q. Fans
R. Chillers
S. Check/Manual Valves

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

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 Walk-down Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286, "Seismic Walk-down Guidance." Also, an ex-SRO from the Perry Nuclear Power Plant acted as Operations representative during the selection of the SWEL.

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

EPRI Document 1025286 on Seismic Walk-down Guidance required a review of the sample of the checklists prepared for the seismic walk-downs 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 walk-downs 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, a minor anomaly stated but no justification provided.
D. Editorial and typographical errors

The above comments were discussed with the Seismic Walk-down 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 walk-downs and observed the work performed by the SWEs during the inspections. It was noted that the walk-down/inspection was intrusive, walk-down 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 Walk-downs and Area Walk-Bys." The interview concluded that they did follow the said guidance and were knowledgeable about the walk-down requirements. Questions asked were successfully answered during the interview as well as during the walk-downs.

Four SWEs participated in the walk-downs. See their resumes for experience and background training.

Conclusion: The seismic walk-down 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 walk-downs identified several minor anomalies, however six of them resulted in generating condition reports as follows:

1. CR 2012-12222
This condition report documents an unrestrained storage locker which could overturn and strike the safety related electrical bus EH12. This previously identified during the IPEEE walk-downs as a vulnerability. The storage locker was removed the location and moved to a maintenance shop.

2. CR 2012-12331
This condition report documents that Operator Actions may be required to manually reset relays after a seismic event as they are susceptible to relay chatter during a seismic event. This was

previously documented in Calculation 2:13.007 but was not reflected in the Alarm Response Instruction (ARI) procedures. Corrective Actions 2012-12331-1 and 2012-12331-2 were initiated to update the ARIs associated with the relays.

Additionally, the condition report documents a spatial interaction with control room furniture located near control room panels P872 and P865. The furniture was removed and relocated to the Unit 2 Control Room.

3. CR 2012-12335

This condition report documents the control room lower ceiling tiles do not meet industry standards for seismic considerations. While Perry is not a Seismic Qualification Utility Group (SQUG) plant, plants utilizing SQUG methodology have used plastic tie wraps to tie adjacent ceiling tiles so that during a design basis seismic event if the tiles get dislodged from the framing they will not fall directly on personnel or on any cabinets below thus safeguarding the operability of the components. This is not a deviation from any design basis requirements. The control room ceiling consists of an upper and lower ceiling. The upper ceiling has been seismically analyzed and the lower ceiling is rod hung from the upper ceiling with 3/8" diameter threaded rods. Notification 600769396 was initiated to install plastic tie wraps to tie adjacent ceiling tiles.

4. CR 2012-12373

This condition report identifies air conditioning/cooler units in a scaffolding enclosure without proper evaluation. The investigation into this condition report documented that the components had been evaluated by FCR 22300 and Calculation 36:01.3.2.16.84. As the condition had been evaluated and properly documented no adverse condition existed. Notification 600784453 was initiated to install a storage label near this location to inform of the evaluation.

5. CR 2012-12375

This condition report identifies a potential seismic II/I concern due to a scaffold storage rack located next to a Division 1/Division 2 HVAC panel. The investigation into this condition report documented that the scaffold is installed in accordance with all applicable plant procedures and guidance and has adequate clearance to the aforementioned equipment. Additionally, Corrective Action 2012-12375-1 was initiated to eliminate the temporary scaffold storage location from this location.

6. CR 2012-12466
This condition report was written to summarize the potential issues that were identified during the walk-downs. This condition report does not identify any previously unidentified concerns or issues.

The plant performed the licensing basis evaluations for the above two CRs which are documented in Section 7 of this report.

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

Table 6-5 identified eleven potentially adverse seismic conditions, which resulted in generating two condition reports. Adequate justification is documented in the checklists that provide the basis as why the remaining issues had an insignificant impact on the design of the components, and that the components are still capable of performing their intended design function while still meeting the design basis requirements.

Table 6-6 identified seven potentially adverse seismic conditions. Three 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 issues had insignificant impact on the design of the surrounding components and that the components are still capable of performing their 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 walk-down 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 walk-downs. The peer reviewers participated in sample walk-downs, observed the conduct of walk-down team members, and discussed issues while remaining independent. The Seismic Walk-down 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. NRC letter endorsing EPRI document, May 31, 2012.

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

4. "Individual Plant Examination of External Events for Severe Accident Vulnerabilities," Perry Nuclear Power Plant, Submitted in response to U.S. Nuclear Regulatory Commission Generic Letter 88-20 Supplement 4," The Cleveland Electric Illuminating Company, June 1996.

5. A Methodology for Assessment of Nuclear Power Plant Seismic Margin, EPRI NP-6041-SL, Revision 1, August 1991.

6. RG 1.29, "Seismic Design Classification."

7. RG 1.60, "Design Response Spectra for Seismic Design of Nuclear Power Plants."

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

9. RG 1.100, "Seismic Qualification of Electrical and Mechanical Equipment for Nuclear Power Plants."

10. IEEE 344-1975, "IEEE Guide for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Plants."

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