Beaver Valley Power Station Unit 1
Near-Term Task Force
Recommendation 2.3
Seismic Walkdown Report
Revision 1
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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)

Revision Change Summary

The purpose of the revision (Revision 1) to this report is to resolve and address the issues that were identified during a snapshot self assessment performed on Seismic 2.3 effort, as documented in Condition Report CR-2013-10819 and also to address the comments received from the Nuclear Regulatory Commission personnel who performed an audit of Seismic 2.3 walkdowns during July 23-25, 2013 at Beaver Valley Power Station, as documented in the condition report CR-2013-11484.

Revision Change	**Page Affected**
Provided list of codes and standards for category 1 SSCs in Section 2.0	4
Clarified the role of peer reviewer (John Reddington) in Section 3.0	5
Identified the walkdown team members and clarify the role of a senior engineer (Farzin Beigi) as the mentor in Section 3.0	5
Updated reference numbers in Sections 4.1 and 4.2	6 – 11
Provided additional information on SWEL review in Section 4.1	9
Clarified the process used on decisions taken as to when a CR was written or not written in Sections 5.2 and 5.3	282 – 284
Clarification on inaccessible components (MOV-1QS-101B, MOV-1SI-860B, and MOV-1SI-862A) in Section 4.1	284
Updated Tables 6-5 and 6-6 to include dates CRs were initiated in Sections 6.2.1 and 6.2.2	294 – 295
Provided additional information on licensing basis evaluations in Section 7.1	299
Added reference to Appendix F (A46 Completion Report) which was added in this revision in Section 8.0. Provided clarification about A46/IPEEE enhancements into SWEL.	303
Provided additional information on the Role of Peer Reviewer in Section 9.1	303 – 304
Added date CR's were initiated in Section 9.0, part C	313 – 316
Updated Resumes (Eddie Guerra, Adam Helffrich)	Appendix A
Updated SWCs	Appendix B, pgs 5,6, 10,11,183&196 of 439
Added anchorage calculation and drawing numbers	Appendix D, Page D-1 and D-2
Added new appendix to reference the A46 Completion Report	Appendix F

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LIST OF ACRONYMS

AWC	Area Walk-by Checklist
BV1	Beaver Valley Power Station Unit 1
DBE	Design Basis Earthquake
EPRI	Electric Power Research Institute
FENOC	First Energy Nuclear Operating Company
IPEEE	Individual Plant Examination of External Events
LERF	Large Early Release Frequency
LOCA	Loss of Coolant Accident
MCC	Motor Control Center
NPP	Nuclear Power Plant
NSSS	Nuclear Steam Supply System
OBE	Operating Basis Earthquake
PRA	Probabilistic Risk Assessment
PWR	Pressurized Water Reactor
RAW	Risk Achievement Worth
SEL	Seismic Equipment List
SQUG	Seismic Qualification Utility Group
SSC	Structures, Systems, and Components
SWC	Seismic Walkdown Checklist
SWE	Seismic Walkdown Engineer
SWT	Seismic Walkdown Team
SWEL	Seismic Walkdown Equipment List
USI	Unresolved Safety Issue

1.0 INTRODUCTION

This Report presents the results of the Seismic Walkdown conducted for the Beaver Valley Nuclear Power Plant Unit 1 (BV1) in support of FirstEnergy Nuclear Operating Company's (FENOC) response to NTTF Recommendation 2.3 in NRC 50.54(f) Letter, dated March 12, 2012. Consistent with the guidelines in Electric Power Research Institute (EPRI) Report 1025286, *"Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic"* the walkdown implements the procedure described in Section 5.0 of this report.

2.0 SEISMIC LICENSING BASIS

The seismic licensing basis is contained in the Unit 1 Updated Final Safety Analysis Report (UFSAR).

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

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

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

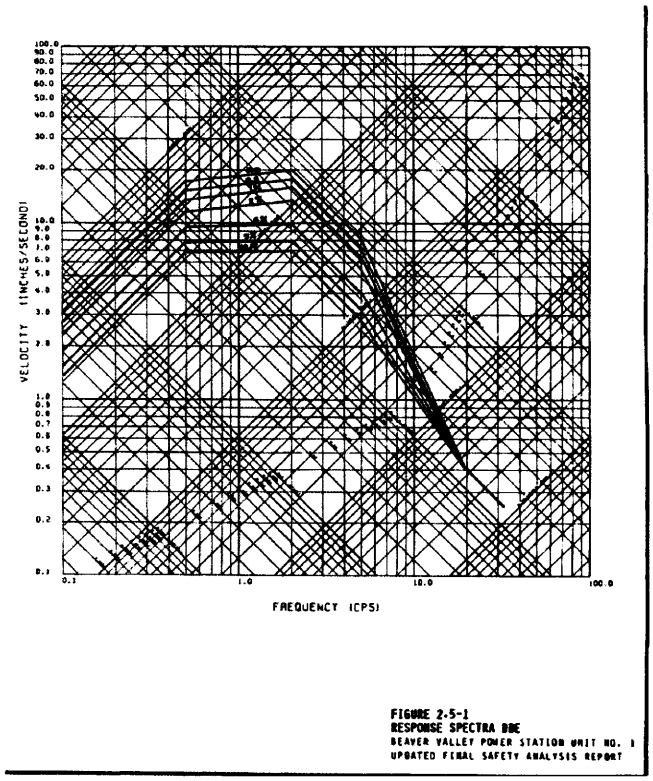
The structures, systems and components designated Seismic Category I are designed to withstand, without loss of capability to protect the public, the most severe environmental phenomena ever experienced at the site with appropriate margins included in the design for uncertainties in historical data. All structures, systems and components including instruments and controls where failure might cause or increase the severity of a loss-of-coolant accident or result in an uncontrolled release of excessive amounts of radioactivity, and those structures and components vital to safe shutdown of the reactor are defined as Seismic Category I. Note that the

classification of Seismic Category I was previously designated as "Seismic Class I." These two terms are considered equivalent for which the above definition applies. 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 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.

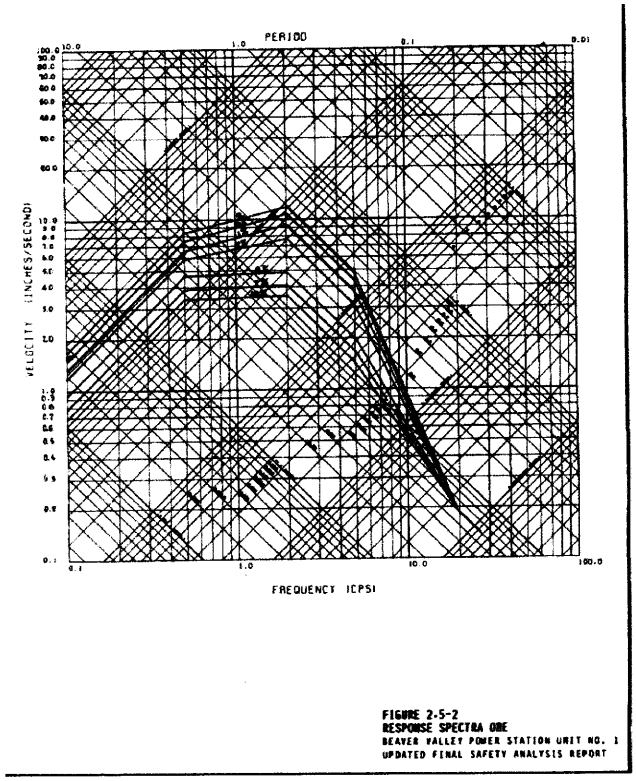
The design earthquakes, OBE and DBE, for the plant are specified by OBE and DBE design response spectra. These criteria are based on the plant site geologic investigations and seismologic recommendations as discussed in Section 2.5 and Appendix B of the Unit 1 UFSAR.

The design is based on a DBE normalized to 0.125 g and for the Operational Basis Earthquake (OBE) normalized to 0.06 g. Analysis and design are based on response spectra as shown in UFSAR Figure 2.5-1 and 2.5-2 for the DBE and OBE, respectively. Dynamic amplification factors used for these spectra are such as to give a maximum spectral acceleration of 0.44 g for two percent damping for the DBE with appropriate relative values for other amounts of damping. The spectra are flat from 2 to 5 Hz (0.2 to 0.5 second period) and reduce to an amplification ratio of unity for frequency exceeding 20 Hz.

The response of plant structure are obtained through modal analysis of a multi-mass dynamic model which closely approximates the physical and response characteristics of the structure. Masses are normally lumped at floor elevations and include the floor system, a portion of the walls above and the walls below the floor system, and major component and equipment loads. In addition, masses are located at elevations where any other response values are required. Spring elements between masses represent building structural characteristics and are based on equivalent structural flexibilities. These structural representations provide for the inclusion of torsional effects as a part of the dynamic output.



UFSAR Figure 2.5-1: Response Spectra DBE



UFSAR Figure 2.5-2: Response Spectra OBE

The site of the station is underlain by approximately 100 ft of medium to dense sands and gravels laid in a high level terrace of the Ohio River. These are stable, relatively incompressible soils which provide a safe and adequate foundation for the power station. Settlements during construction were minor and settlements following operation will be negligible. The surface soils of the terrace are slightly looser than the deeper lying soils and these near surface soils were removed beneath the structures and replaced with densely compacted granular fill. The surface of the terrace has been eroded within the limits of the turbine building to below desired foundation grade. Clay soils in this region were removed and replaced under the turbine building and the transformers with densely compacted granular fill to afford a safe and adequate foundation for these structures. There is no hazard of liquefaction for the soils underlying the station under earthquake conditions. Properties of the soil under dynamic loadings have been evaluated and proper cognizance taken of relative displacements between structures for piping design; the effects of earthquake loadings on lateral soil pressures on the containment structure and other earth retaining structures; and stability of slopes under earthquake and fluctuating water levels.

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

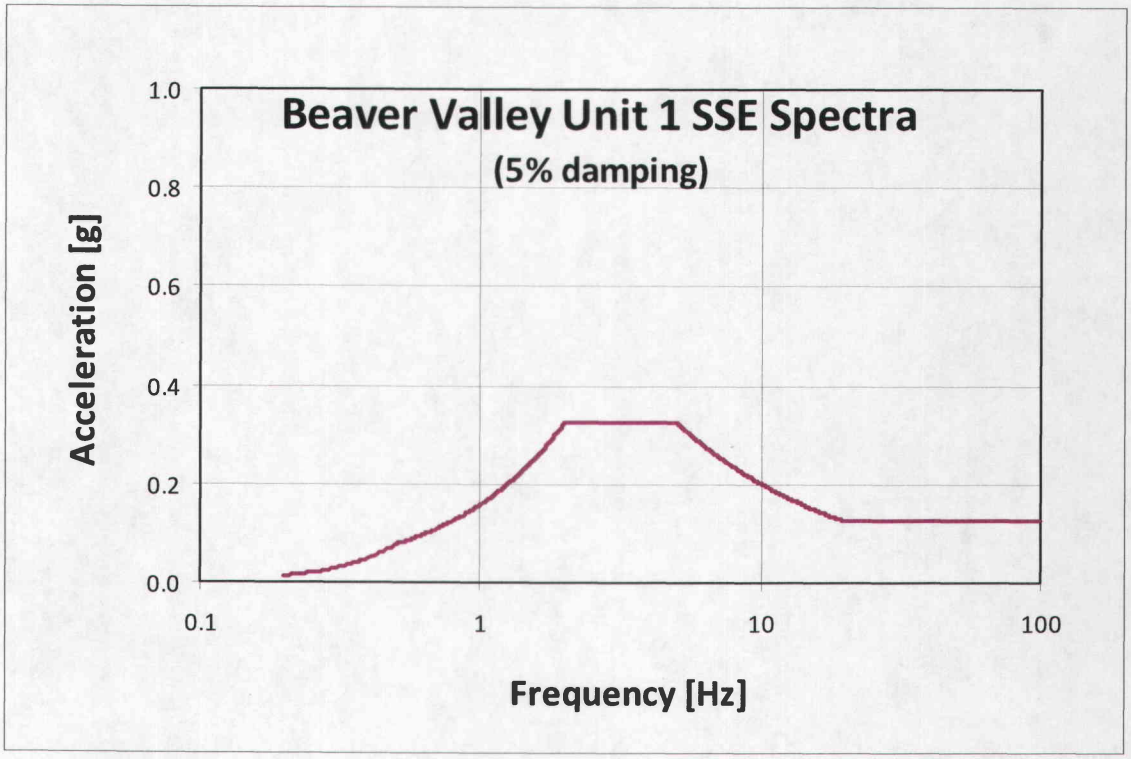


Figure 2-1: The SSE response spectrum for Beaver Valley Unit 1 was digitized from BV1 FSAR Figure 2.5-1

List of Codes and Standards for Category 1 Structures, Systems, and Components (SSCs)

- ACI 318-63 Building Code Requirements for Reinforced Concrete
- AISC 6th Edition, Manual of Steel Construction
- ANSI B31.1. "Power Piping". 1967 Edition up through and including Summer 1971 Addenda

3.0 PERSONNEL QUALIFICATIONS

The following personnel worked together to formulate the list of selected equipment for the Beaver Valley Nuclear Power Plant Unit 1 NTTF Recommendation 2.3 Seismic Walkdown:

- R. Muller
- D. Wakefield
- F. Beigi

The ABS Consulting Walkdown Team consisted of the following individuals:

- F. Beigi
- E. Guerra
- A. Helffrich

Mr. Guerra and Mr. Helffrich served as the qualified SWEs and performed all the duties as specified in the EPRI walkdown guidance, EPRI 1025286. In addition to the two qualified engineers, Mr. Beigi served as a structural mentor and provided overall support to the walkdown team as well as advice and a third party oversight of field conditions and walkdown operations. Mr Beigi documented his observations in a separate checklist and incorporated into the final signed checklists. Mr. Beigi has over 30 years of seismic structural experience including preparation and review of A-46 and IPEEE submittals.

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

The seismic walkdown personnel, peer reviewer and lead peer reviewer possess technical degrees from accredited universities and have been trained in the application of seismic experience data for seismic verification of nuclear power plant (NPP) structures, systems, and components (SSC). In addition to completion of the NTTF 2.3 training provided by EPRI these individuals (J. Reddington, M. Alvi, F. Beigi, E. Guerra and A. Helffrich) have also completed the EPRI Seismic Qualification Utility Group (SQUG) training. Resumes and certificates of the walkdown team members are presented in Appendix A of this report.

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

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

4.0 SELECTION OF SSCS

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

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

The process described in the EPRI Guidance document (Reference 2) was followed for selecting the SSCs. The EPRI guidance document under the sub-title "Previous equipment List" (Reference 2) says that using the previously developed IPEEE seismic equipment list as a starting point for category 1 SSCs is acceptable provided it covers all of the five safety functions requested, including the containment function. The IPEEE list for Beaver Valley unit 1 does include SSCs for the five required safety functions so use of the IPEEE list as a starting point satisfies the intent of the EPRI guidance. However, for completeness, it was decided to also include SSCs from the current PRA model which also lists SSCs for these five safety functions.

ABS Consulting has assisted FENOC in developing a seismic equipment list (SEL) for use in a seismic probabilistic risk assessment (SPRA) for Beaver Valley Unit 1. An existing internal PRA model is often a prerequisite to developing such a seismic PRA. For example, the PRA modeling logic for non-seismic events was used as a starting point for the seismic PRA plant response model. It was therefore decided, to combine the lists of SSCs from both the currently available Beaver Valley Unit 1 PRA (i.e., working model BV1R5FL1, based on Reference 8) and the Beaver Valley Unit 1 IPEEE SEL list of 1920 SSCs (Reference 3). Duplicate SSCs, caused by (1) overlap between the two lists and (2) because the PRA contains multiple basic events for failure mode of a single component, were removed. Information about the original source of the remaining SSCs was retained. In short the requirements in the EPRI walkdown guidance document in preparing the SSC SEL list were adequately satisfied. However, during SSC sampling in preparation for the walkdown, selections were generally made preferentially from the IPEEE lists of SSCs. This is because the design packages were more likely to be available for these SSCs, so that advantage could be taken of the earlier design review work.

SSCs from other sources were also chosen so that they were useful for seismic PRA purposes, but did not appear on either source list. For example, panels to be represented in the still

evolving internal fire PRA and tanks represented in the PRA for internal floods were also reviewed for possible inclusion. Again, duplicate SSCs were eliminated.

The list of systems and major components in Tables B-1 and B-3 of Appendix E of EPRI 1025286 (Reference 2) were also reviewed for completion. Some SSCs were added as a result of this review.

Nuclear steam supply system (NSSS) related SSCs were not required for this application and so were not added to the list. Also excluded were the supports for this equipment along with all the components mounted in or on this NSSS equipment. Category 1 structures were also added in preparation for the seismic PRA, though they also are not required for the current walkdowns.

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

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

While there were no IPEEE vulnerabilities requiring plant changes identified for the Beaver Valley Unit 1 IPEEE, there were modifications performed in response to the assessment of A-46 outliers (References 3 and 4) in nearly the same time frame. The original list of A-46 outliers is documented in Reference 3 along with the initially proposed approaches to outlier resolution. Some of these approaches involved changes to the plant equipment and were implemented right away. Where judged to be significant, these changes are noted in the column titled "Screen 4e - A46/ IPEEE Vulnerability" in Table 4-1. Additional effort was made to resolve other outliers, the majority of which were resolved by further analysis; i.e., without plant changes. Reference 5 then documented the final resolutions of the outliers that differed from the originally proposed

approaches. These changes were reviewed and those judged to involve significant plant changes are also documented in the column titled "Screen 4e - A46/ IPEEE Vulnerability" in Table 4-1.

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

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

The equipment ID and description fields were used to assign each retained SSC to one of the EPRI equipment categories (from Appendix B of Reference 2) used for fragility analysis. For some EPRI Categories (i.e., 0, 1, 2, 3 and 20), a sub-category was defined and tracked separately from the original category. For example, Category 1a was assigned for 480V breakers that are found within the motor control center (MCC) cabinet (i.e., Category 1). None of the breaker SSCs (i.e., assigned to Category 1a) were separately selected for the walkdown because they are accounted for already in the selection of MCCs. The check valves and manual valves were assigned to Sub-Category 0d, to avoid linking these numerous SSCs with SSCs also assigned to the EPRI other category. A total of 5 SSCs were selected from the 0 and 0d EPRI categories. All of the EPRI categories were later employed as part of the SSC selection process. Except for EPRI Categories 11 (chillers), 12 (air compressors), and 13 (motor generators) at least one SSC was selected from the other EPRI categories. Equipment in categories 11, 12, and 13 do appear

on the combined list, however, at Beaver Valley Unit 1, none of these equipment are seismic Category 1 and therefore are screened from Base list 1.

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

SWEL 1, as defined in the EPRI walkdown guidance (Reference 2) is attached as Table 4-2. The format is the same as that in the Base List 1, and the table is the same except that only the selected SSCs are shown. The equipment coming out of Screen #4 and entering the SWEL 1 bucket make up the SWEL 1 list. The selected SSCs have been chosen to account for a variety of systems, equipment types, room environments, and considering whether the SSCs involve new or replaced equipment since the completion of the IPEEE, or are subject to enhancements as a result of findings from the IPEEE and A-46 projects.
SWEL 1 includes representative items from some of the variations within each of the above attributes. A total of 113 SSCs were selected. Beaver Valley Unit 1 plant operations staff was consulted in the SSC selection process. Operations reviewed the SWEL for completeness to ensure all appropriate systems were considered. They also reviewed the list to ensure any modifications or vulnerabilities were adequately reflected in the database. They also reviewed environmental conditions for the various pieces of equipment and whether or not there were any anomolies associated with the selected equipment. During the walkdown phase, operations personnel were available to open various cabinets and panels to help with the anchorage verification and cabinet inspections.

The selected list of SSCs is largely located in the service building, safeguards building, and auxiliary building, but selections from the intake structure, diesel generator building, and containment are included. Many of the selected SSCs are from support systems, but there are also SSCs selected from each frontline system. A total of 93 SSCs came from the original IPEEE or current internal events PRA model. SSCs are selected from each of the safety functions, including 9 related to the containment function. There were 13 SSCs selected that are located in relatively high radiation areas and 22 that are often in damp areas. Most SSCs

selected are in cool and dry areas. However, 10 are chosen from normally warm areas and 22 from relatively hot areas.

The column in Table 4-2 labeled "Reason for Selection into SWEL 1" summarizes the basis for selecting the chosen SSCs. The screens referred to for each SSC are associated with the screen numbers listed across the top of the table. SSCs which are new or subject to a major replacement are assigned a screen of 4d. Also, SSCs subject to an enhancement resulting from the A-46 program or to an IPEEE enhancement are labeled as Screen 4e. For a number of SSCs, the internal events PRA importance rankings (i.e., Screen 4f) indicated that the SSC is risk significant (i.e., RAW>2 or FVI>.005). A representative set, but not all, of such risk significant SSCs were, therefore, included in the selected list. A number of selected SSCs are located inside the containment. These SSCs were not accessible and therefore were not examined during the current walkdown effort and are scheduled to be inspected during the next refueling outage (IR22 in 2013).

4.2 DEVELOPMENT OF SWEL 2 FOR SPENT FUEL POOL RELATED ITEMS

For spent fuel pool related items, there was no starting list of SSCs with which to begin. Instead, the functions of the spent fuel pool systems were reviewed and equipment related to pool cooling and make up were included on a new list. Reference 6 details the operator actions to respond to a loss of spent fuel pool cooling or a loss of inventory. The functions considered were normal spent fuel pool cooling, spent fuel pool makeup from demineralized water, spent fuel pool makeup using gravity feed from the refueling water storage tank (RWST), and spent fuel pool makeup from the fire protection system or from river water. The equipment identified for these functions in Reference 6 were included in the list along with the SSCs which make up the boundaries of the alternative makeup flow paths. The RWST and CVCS (i.e., from the blender) system were not included in the spent fuel pool list of SSCs as those systems are included in Base List 1; i.e., see Section 4.1. Noticeably absent from the list are equipment related to spent fuel pool cleanup. The spent fuel pool cleanup equipment is not Seismic Category 1.

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

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

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

At Beaver Valley Unit 1, it is not possible to siphon the spent fuel pool level down to less than 9' 6.75" above the top of the spent fuel rack; i.e., failures resulting in a rapid drain-down cannot occur (Reference 7). Therefore, the rapid drain-down list of SSCs is empty for Beaver Valley Unit 1.

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

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

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
1CC-E-1A	PRIMARY PLANT COMP COOLING WTR HTEXCH	AXLB	735	PRIMARY AUX. BLDG 735'6"	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1	1.16E-10
1EE-EG-1	DIESEL GENERATOR EE-EG-1	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4e,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	17. Engine Generators	4kv	NO	DRY	COOL	Yes		Day tank connections secured against rotation using Loctite 262, July 2000	1.6961	0.020599
1EE-EG-2	DIESEL GENERATOR EE-EG-2	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4e,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	17. Engine Generators	4kv	NO	DRY	COOL	Yes		Day tank connections secured against rotation using Loctite 262, July 2000	1.7619	0.020486
1F/L-B10-ROD	CONTROL RODS FAIL TO INSERT	RCBX	767	ABOVE REACTOR VESSEL		PRA Model	Cat 1	NO	Reactivity	0. other	RPS	YES	DAMP	HOT	Yes			3738.3	0.00552
1FW-PNL-100A	HYV-1FW-100A Local Panel	SFGB	735	WEST CABLE VAULT---- SOUTH EAST CORNER		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
1FW-PNL-100B	HYV-1FW-100B Local Panel	SFGB	735	WEST CABLE VAULT---- SOUTH EAST CORNER	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
1FW-PNL-100C	HYV-1FW-100C Local Panel	SFGB	735	WEST CABLE VAULT---- SOUTH EAST CORNER		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8-N	480V BUS 480VUS-1-8-N	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes			193.9	0.008895
480VUS-1-8N1	INCOMING SUPPLY FROM 4KVS-1AE-1A12, 480V BREAKER 480VUS-1-8N1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			193.9	0.016882
480VUS-1-8-N1	STUB BUS 480VUS-1-8-N1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes		replaced anchors with Hilti Kwik bolts, original SQUG	52.52	0.000484

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-8N11	MCC-1-E9 FEEDER BREAKER 480VUS-1-8N11	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8N12	480VUS-1-8N12	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Pressure	14. Distribution Panels and Automatic Transfer Switches	PZR	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8N13	480VUS-1-8N13	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Pressure	14. Distribution Panels and Automatic Transfer Switches	PZR	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8N14	480VUS-1-8N14	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-8N15	MCC-1-E13 FEEDER BREAKER 480VUS-1-8N15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8N16	STUB BUS 8N1, BREAKER 480VUS-1-8N16	SRVB	713	NORMAL SWITCHGEAR AREA		PRA & IPEEE SSEL	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			52.52	0.000918
480VUS-1-8N22	MCC-1-E11 FEEDER BREAKER 480VUS-1-8N22	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			4.6449	0.009562
480VUS-1-8N4	480VUS-1-8N4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Inventory	14. Distribution Panels and Automatic Transfer Switches	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-8N6	MCC-1-E5 FEEDER BREAKER 480VUS-1-8N6	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			1.1005	0.000264
480VUS-1-8N7	480VUS-1-8N7	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	SW/CCW	14. Distribution Panels and Automatic Transfer Switches	RW	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8N8	MCC-1-E3 FEEDER BREAKER 480VUS-1-8N8	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			4.6449	0.009562
480VUS-1-9-P	480V EMERGENCY BUS 480VUS-1-9-P	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes			174.95	0.008102
480VUS-1-9P1	INCOMING SUPPLY FROM 4KVS-1DF-1F12, 480V BREAKER 480VUS-1-9P1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			174.94	0.015376

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-9-P1	STUB BUS 480VUS-1-9-P1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes		replaced anchors with Hilti Kwik bolts, original SQUG	33.091	0.000301
480VUS-1-9P11	MCC-1-E10 FEEDER BREAKER 480VUS-1-9P11	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-9P12	480VUS-1-9P12	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	Pressure	14. Distribution Panels and Automatic Transfer Switches	PZR	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-9P13	480VUS-1-9P13	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	Pressure	14. Distribution Panels and Automatic Transfer Switches	PZR	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-9P14	MCC-1-E6 FEEDER BREAKER 480VUS-1-9P14	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			1.088	0.000231
480VUS-1-9P15	MCC-1-E14 FEEDER BKR 480VUS-1-9P15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-9P16	STUB BUS BREAKER 480VUS-1-9P16	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			33.091	0.000572
480VUS-1-9P21	MCC-1-E12 FEEDER BKR 480VUS-1-9P21	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			4.7668	0.009881
480VUS-1-9P5	480VUS-1-9P5	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	Inventory	14. Distribution Panels and Automatic Transfer Switches	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
480VUS-1-9P7	480VUS-1-9P7	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-9P8	480VUS-1-9P8	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	SW/CCW	14. Distribution Panels and Automatic Transfer Switches	RW	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-9P9	MCC-1-E4 FEEDER BREAKER 480VUS-1-9P9	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	480V	1a. Breaker inside MCC	480V	NO	DRY	COOL	Yes			4.7668	0.009881
4KVS-1AE	4160V EMERGENCY BUS 4KVS-1AE	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	3. Medium Voltage, Metal-Clad Switchgear	4kv	NO	DRY	COOL	Yes	ECP 11-0157-001 , Fused Test Jack Installation,		193.9	0.008895

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1AE-1E1	CC-P-1C BREAKER 4KVS-1AE-1E1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	SW/CCW	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	CCR	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E10	4KVS-1AE1E10	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E11	CH-P-1A BKR 4KVS-1AE-1E11	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Inventory	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E12	4160V FEEDER BREAKER 4KVS-1AE-1E12	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			193.9	0.001904

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1AE-1E13	4KVS-1AE-1E13	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E14	4KVS-1AE-1E14	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E15	4KVS-1AE-1E15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Inventory	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E16	4KVS-1AE-1E16	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	Heat Removal	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	AFW	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1AE-1E2	4KVS-1AE-1E2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E3	4KVS-1AE-1E3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E4	CC-P-1A BREAKER 4KVS-1AE-1E4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	SW/CCW	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	CCR	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E5	STUB BUS TIE BREAKER 4KVS-1AE-1E5 TRANSFER OPEN	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			1.0191	6.5E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1AE-1E7	BUS 1AE SUPPLY TO 1A, EMERGENCY BUS TIE BREAKER 4KVS-1AE-1E7	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			2.6123	5.01E-05
4KVS-1AE-1E8	4KVS-1AE-1E8	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1AE-1E9	INCOMING SUPPLY FROM DIESEL GEN. #1, DG BREAKER 4KVS-1AE-1E9	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			1.7747	0.000783

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF	4160V BUS 4KVS-1DF	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	3. Medium Voltage, Metal-Clad Switchgear	4kv	NO	DRY	COOL	Yes	ECP 11-0157-002 , Fused Test Jack Installation		174.95	0.008102
4KVS-1DF-1F1	BREAKER 4KVS-1DF-1F1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F10	BREAKER 4KVS-1DF-1F10	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F11	CH-P-1B BKR 4KVS-1DF-1F11	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF-1F12	4160V BREAKER TO 480v BUS1P 4KVS-1DF-1F12	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	14. Distribution Panels and Automatic Transfer Switches	4kv	NO	DRY	COOL	Yes			174.95	0.001734
4KVS-1DF-1F13	4KVS-1DF-1F13	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F14	4KVS-1DF-1F14	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F15	4KVS-1DF-1F15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF-1F16	4KVS-1DF-1F16	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F2	4KVS-1DF-1F2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F3	4KVS-1DF-1F3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
4KVS-1DF-1F4	4KVS-1DF-1F4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF-1F5	STUB BUS TIE BREAKER 4KVS-1DF-1F5 TRANSFER OPEN	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			1.1207	2.69E-07
4KVS-1DF-1F7	INCOMING SUPPLY FROM 4KV BUS 1D, EMERGENCY BUS TIE BREAKER 4KVS-1DF-1F7	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			2.0363	4.59E-05
4KVS-1DF-1F8	4KVS-1DF-1F8	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF-1F9	INCOMING SUPPLY FROM DIESEL GENERATOR #2, 4KVS-1DF-1F9	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	3a. Medium Voltage, Metal-Clad Switchgear - housed in SWGR	4kv	NO	DRY	COOL	Yes			1.8397	0.000849
52(STA)/RTA	REACTOR TRIP BREAKER 52/RTA, AUTO SHUNT TRIP RELAY 52(STA)/RTA	SRVB	713	MG SET ROOM		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	20a. Instrument and Control Panels - housed in panel/cabinet	RPS	NO	DRY	COOL	Yes			1.2225	1.01E-05
52(STB)/RTB	REACTOR TRIP BREAKER 52/RTB, AUTO SHUNT TRIP RELAY 52(STB)/RTB	SRVB	713	MG SET ROOM		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	20a. Instrument and Control Panels - housed in panel/cabinet	RPS	NO	DRY	COOL	Yes			1.2194	1.04E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
52(UV)/BYA	REACTOR TRIP BYPASS BREAKER 52/BYA, REACTOR TRIP BYPASS BREAKER 52/BYA , UNDERVOLTAGE COIL 52(UV)/BYA	SRVB	713	NORMAL SWITCHGEA ROOM----ROD DRIVE MG RM		PRA Model	Cat 1	NO	Reactivity	20a. Instrument and Control Panels - housed in panel/cabinet	RPS	NO	DRY	COOL	Yes			1.0002	4.7E-09
52(UV)/BYB	REACTOR TRIP BYPASS BREAKER 52/BYB, UNDERVOLTAGE COIL 52(UV)/BYB	SRVB	713	NORMAL SWITCHGEA ROOM----ROD DRIVE MG RM		PRA Model	Cat 1	NO	Reactivity	20a. Instrument and Control Panels - housed in panel/cabinet	RPS	NO	DRY	COOL	Yes			1.0002	6.19E-09
BAT-1-1	125V DC BATTERY 1 / INSTRUMENT CONTROL POWER	SRVB	713	BAT-1 ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	7.1312	0.002895

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BAT-1-2	125V DC BATTERY 2 / INSTRUMENT CONTROL POWER	SRVB	713	#2 BATTERY ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	4.6387	0.001718
BAT-1-3	125V DC BATTERY 3 / INSTRUMENT CONTROL POWER	SRVB	713	#3 BATTERY ROOM		PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	1	#N/A
BAT-1-4	125V DC BATTERY 4 / INSTRUMENT CONTROL POWER	SRVB	713	#4 BATTERY RM		PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	1.2077	9.82E-05
BAT-BKR1-1	125VDC POWER TO DC-SWBD-1 BUS 1-1 (ACB) BATTERY BANK, BREAKER BAT-BKR-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	125V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	NO	DRY	COOL	Yes			6.9012	7.63E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BAT-BKR1-1-1A	BUS 1 TO 1-A TIE BREAKER (BAT-BKR1-1-1A)	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	LOOP	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	LOOP	NO	DRY	COOL	Yes			6.5097	1.68E-05
BAT-BKR1-2	125 VDC POWER TO DC-SWBD-2 BUS 1-2 (ACB) BATTERY BANK, BREAKER BAT-BKR-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	125V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	NO	DRY	COOL	Yes			4.3938	7.81E-07
BAT-BKR1-3	125 VDC POWER TO DC-SWBD-3 BUS 1-3 (ACB) BATTERY BANK, BREAKER BAT-BKR-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	125V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BAT-BKR1-4	125 VDC POWER TO DC-SWBD-4 BUS 1-4 (ACB) BATTERY BANK, BREAKER BAT-BKR-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	125V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	125V	NO	DRY	COOL	Yes			1.1455	2.6E-07
BAT-CHG-1-1	STATION BATTERY CHARGER NO. 1	SRVB	713	1AE SWITCH -- BAT SWGR	Screens 1, 2, 3, 4a, 4b,4d	IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced		#N/A	#N/A
BAT-CHG1-1-A	BATTERY CHARGER BAT-CHG-1A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			1.8147	0.000457
BAT-CHG1-1-B	BATTERY CHARGER BAT-CHG-1B	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			1.0557	4.51E-06
BAT-CHG1-2-A	BATTERY CHARGER BAT-CHG-2A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			2.5205	0.000709
BAT-CHG1-2-B	BATTERY CHARGER BAT-CHG-2B	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			1.0903	7.32E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BAT-CHG-1-3	STATION BATTERY CHARGER NO. 3	SRVB	713	1AE SWITCH	Screens 1, 2, 3, 4a, 4b, 4d	IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced		#N/A	#N/A
BAT-CHG1-3-A	BATTERY CHARGER BAT-CHG-3A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			#N/A	#N/A
BAT-CHG1-3-B	BATTERY CHARGER BAT-CHG-3B	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			#N/A	#N/A
BAT-CHG1-4-A	BATTERY CHARGER BAT-CHG-4A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			1.0035	2.84E-07
BAT-CHG1-4-B	BATTERY CHARGER BAT-CHG-4B	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			1.0035	2.84E-07
BAT-CHG-2	STATION BATTERY CHARGER NO. 2	SRVB	713	1DF SWITCH		IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced& ECP 11-0517, replaced feeder cables	Anchorage repaired, May 1997	#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BAT-CHG-4	STATION BATTERY CHARGER NO. 4	SRVB	713	1DF SWITCH		IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced& ECP 11-0517, replaced feeder cables		#N/A	#N/A
BB-A1	BB-A1	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b,4e	CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-A2	BB-A2	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-A3	BB-A3	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-A4	BB-A4	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-A5	BB-A5	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
BB-B	BB-B	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-C1	BB-C1	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
BB-C2	BB-C2	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
CC-E-1B	PRIMARY PLANT COMP COOLING WTR HTEXCH	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1	1.72E-11
CC-E-1C	PRIMARY PLANT COMP COOLING WTR HTEXCH	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1	1.7E-11

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CC-P-1A	REACTOR PLANT COMPONENT COOLING WATER PUMP P-1A	AXLB	735	PRIMARY AUX. BLDG 735'6"-- - SOUTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	5. Horizontal Pumps	CCR	NO	DRY	COOL	Yes			1.0002	2.12E-06
CC-P-1B	REACTOR PLANT COMPONENT COOLING WATER PUMP P-1B	AXLB	735	PRIMARY AUX. BLDG 735'6"-- - SOUTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	5. Horizontal Pumps	CCR	NO	DRY	COOL	Yes			1.0004	3.93E-06
CC-P-1C	REACTOR PLANT COMPONENT COOLING WATER PUMP P-1C	AXLB	735	PRIMARY AUX. BLDG 735'6"-- - SOUTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	5. Horizontal Pumps	CCR	NO	DRY	COOL	Yes			1.0005	6.07E-06
CCR-1	MANUAL VALVE 1CCR-1 SUCTION ISOLATION	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	2.71E-09
CCR-12	MANUAL VALVE CCR-12	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	1.98E-12

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-13	MANUAL VALVE CCR-13	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	2.58E-13
CCR-14	MANUAL VALVE CCR-14 ,CCR HX 1B IN ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.18E-13
CCR-15	MANUAL VALVE CCR-15 ,CCR HX 1A OUT ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	3.97E-12
CCR-16	MANUAL VALVE CCR-16 ,CCR HX 1B OUT ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.2E-13
CCR-17	MANUAL VALVE CCR-17,CCR HX 1C OUT ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.18E-13

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-18	MANUAL VALVE CCR-18 FROM SUPPLY HEADER ,24" CCR SUP HDR ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0019	3.11E-06
CCR-2	MANUAL VALVE CCR-2 ,CCR PP 1B SUCT ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0004	8.06E-09
CCR-247	RHR HX COOLING MANUAL VALVE CCR-247	SFGB	722	PIPE PENETRATION D		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	NO	DRY	COOL	Yes			1	0
CCR-248	RHR HX COOLING MANUAL VALVE CCR-248	SFGB	722	PIPE PENETRATION D		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	NO	DRY	COOL	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-249	RHR HX COOLING MANUAL VALVE CCR-249	RCBX	707	RHR HX PLAT		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
CCR-250	RHR HX COOLING MANUAL VALVE CCR-250	RCBX	707	RHR HX PLAT		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
CCR-251	RHR HX COOLING MANUAL VALVE CCR-251	SFGB	722	PIPE PENETRATION D		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	NO	DRY	COOL	Yes			1	0
CCR-252	RHR HX COOLING MANUAL VALVE CCR-252	SFGB	722	PIPE PENETRATION D		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	NO	DRY	COOL	Yes			1	0
CCR-289	CHECK VALVE CCR-289	RCBX	738	A RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	2.75E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-290	CHECK VALVE CCR-290	RCBX	738	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	2.75E-08
CCR-291	CHECK VALVE CCR-291	RCBX	738	C RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	2.75E-08
CCR-3	MANUAL VALVE CCR-3 ,CCR PP 1C SUCT ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6" --- SOUTH NEAR IX CAGES		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			#N/A	#N/A
CCR-306	MANUAL VALVE CCR-306	RCBX	718	A RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	6.9E-08
CCR-307	MANUAL VALVE CCR-307	RCBX	718	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	6.9E-08
CCR-308	MANUAL VALVE CCR-308	RCBX	718	C RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			1.122	6.9E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-309	MANUAL VALVE CCR-309 ,CNMT EQUIP & REFUEL WATER REFRIG UNITS RTRN HDR ISOL	AXLB	722	PRIMARY AUX. BLDG 722'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0019	3.11E-06
CCR-34	MANUAL VALVE CCR-34 ,CCR SURGE TK OUT ISOL	AXLB	768	BLW TK 1		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0019	3.11E-06
CCR-35	MANUAL VALVE CCR-35,CCR SURGE TK ISOL	AXLB	768	BLW TK 2		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0019	3.11E-06
CCR-4	CHECK VALVE CCR-4	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0062	2.47E-06
CCR-5	CHECK VALVE CCR-5	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0026	1.03E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CCR-6	CHECK VALVE CCR-6,CCR PP 1A DISCH CHECK	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0005	1.73E-07
CCR-7	MANUAL VALVE CCR-7,CCR PP 1A DISCH ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	2.71E-09
CCR-8	MANUAL VALVE CCR-8 ,CCR PP 1B DISCH ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0004	8.06E-09
CCR-9	MANUAL VALVE CCR-9 ,CCR PP 1C DISCH ISOL	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			#N/A	#N/A
CC-TK-1	COMPONENT COOLING WATER SURGE TANK CC-TK-1	AXLB	768	CCW SURGE TANK	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1.0019	2.3E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-111	BATCH TK TO BORIC ACID PP 2A SUCT HDR ISOL	AXLB	752	CH-TK-1A DOOR		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-112	BATCH TK TO BORIC ACID PP 2B SUCT HDR ISOL	AXLB	752	CH-TK-1A DOOR		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-141	CHECK VALVE CH-141	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1	0
CH-146	CH-P-1A SUCTION VALVE CH-146	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1	0
CH-147	CH-P-1B SUCTION VALVE CH-147	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1	0
CH-148	CH-P-1C SUCTION VALVE CH-148	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-152	CHG PP 1A MIN FLOW CHECK CH-152	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0096	1.24E-07
CH-153	CHG PP 1B MIN FLOW CHECK VALVE CH-153	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.049	2.37E-06
CH-154	CHG PP 1C MIN FLOW CHECK VALVE CH-154	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0404	1.19E-06
CH-158	MANUAL VALVE CH-158	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0086	4.88E-09
CH-159	MANUAL VALVE CH-159	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0468	2.65E-08
CH-161	MANUAL VALVE CH-161	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0381	2.15E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-171	SEAL HDR ISOL MANUAL VALVE CH-171	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-174	SEAL INJ FILT 4A IN ISOL MANUAL VALVE CH-174	AXLB	722	PRIMARY AUX. BLDG 722'6" --E TRENCH RR		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-175	SEAL INJ FILT 4B IN ISOL	AXLB	722	PRIMARY AUX. BLDG 722'6"--E TRENCH RR		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-176	SEAL INJ FILT 4A OUT ISOL MANUAL VALVE CH-176	AXLB	722	PRIMARY AUX. BLDG 722'6" --E TRENCH RR		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-177	SEAL INJ FILT 4B OUT ISOL	AXLB	722	PRIMARY AUX. BLDG 722'6"--E TRENCH RR		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-178	RCP 1B SEAL FLOW THROTTLE MANUAL VALVE CH-178	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-179	RCP 1A SEAL FLOW THROTTLE MANUAL VALVE CH-179	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-18	CHECK VALVE CH-18	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0149	3.35E-09
CH-180	RCP 1C SEAL FLOW THROTTLE MANUAL VALVE CH-180	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-181	RCP 1A SEAL SUP CHECK VALVE CH-181	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-182	RCP 1B SEAL SUP CHECK VALVE CH-182	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-183	RCP 1C SEAL SUP CHECK VALVE CH-183	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-184	RCP 1A SEAL SUP ISOL MANUAL VALVE CH-184	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-185	RCP 1B SEAL SUP ISOLMANUAL VALVE CH-185	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-187	RCP 1C SEAL SUP ISOL MANUAL VALVE CH-187	RCBX	718	PEN A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-188	RCP 1A SEAL SUP CHECKVALV E CH-188	RCBX	718	A RCP MOTOR CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-189	RCP 1B SEAL SUP CHECK VALVE CH-189	RCBX	718	B RCP MOTOR CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-19	VCT TO CHG PP 1A SUCT ISOL MANUAL VALVE CH-19	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0096	5.44E-09
CH-190	RCP 1C SEAL SUP CHECKVALV E CH-190	RCBX	718	C RCP MOTOR CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
CH-20	VCT TO CHG PP 1B SUCT ISOL MANUAL VALVE CH-20	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.049	2.77E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-21	VCT TO CHG PP 1C SUCT ISOL MANUAL VALVE CH-21	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0404	2.29E-08
CH-218	SEAL WATER RETURN MANUAL VALVE CH-218	AXLB	735	PRIMARY AUX. BLDG 735'6" -- NE WALL RR		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			10.488	5.37E-06
CH-219	SEAL WATER RETURN MANUAL VALVE CH-219	AXLB	735	PRIMARY AUX. BLDG 735'6" -- NE WALL RR		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			10.488	5.37E-06
CH-22	CHG PP 1A DISCH CHECKVALVE CH-22	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0096	1.29E-07
CH-222	CHECK VALVE CH-222	RCBX	707	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1	3.53E-14

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-23	CHG PP 1B DISCH CHECK VALVE CH-23	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.049	2.48E-06
CH-24	CHG PP 1C DISCH CHECK VALVE CH-24	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0404	1.25E-06
CH-25	CHG PP 1A DISCH HDR ISOL MANUAL VALVE CH-25	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	7.77E-15
CH-26	CHG PP 1B DISCH HDR ISOL MANUAL VALVE CH-26	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	1.63E-14
CH-27	CHG PP 1C DISCH HDR ISOL MANUAL VALVE CH-27	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	1.7E-14

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-28	MANUAL VALVE CH-28	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1.0028	1.65E-09
CH-30	MANUAL VALVE CH-30	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1.0028	1.65E-09
CH-31	CHECK VALVE CH-31 /PLUG	RCBX	718	PENETRATIONS AREA IN CNMT		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	YES	DAMP	HOT	Yes			1.0029	6.56E-10
CH-32	CHECK VALVE CH-32 /PLUG	RCBX	718	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	YES	DAMP	HOT	Yes			1.0318	7.17E-09
CH-369	RCP SEAL WATER RETURN CHECK VALVE CH-369 ,(MOV-1CH-378) BYP CHECK CNMT ISOL PRESS EQUALIZER	RCBX	718	PENETRATIONS AREA IN CNMT		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-71	BORIC ACID TK 1A OUT ISOL MANUAL VALVE CH-71	AXLB	752	CHARGING PUMP CUBICLE A		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1	0
CH-72	BORIC ACID TK 1B OUT ISOL MANUAL VALVE CH-72	AXLB	752	CHARGING PUMP CUBICLE B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1	0
CH-73	BORIC ACID PP 2A SUCT ISOL MANUAL VALVE CH-73	AXLB	752	BORIC ACID PUMP CUBICLE A		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0
CH-74	BORIC ACID PP 2B SUCT ISOL MANUAL VALVE CH-74	AXLB	752	BORIC ACID PUMP CUBICLE B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0
CH-75	BORIC ACID PP 2A DISCH CHECK VALVE CH-75	AXLB	752	BORIC ACID PUMP CUBICLE A		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-76	BORIC ACID PP 2B DISCH CHECK VALVE CH-76	AXLB	752	BORIC ACID PUMP CUBICLE B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0
CH-79	BORIC ACID PP 2A TO BORIC ACID FILT ISOL MANUAL VALVE CH-79	AXLB	752	BORIC ACID PUMP CUBICLE A		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0
CH-80	BORIC ACID PP 2B TO BORIC ACID FILT ISOL MANUAL VALVE CH-80	AXLB	752	BORIC ACID PUMP CUBICLE B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	WARM	Yes			1	0
CH-81	BORIC ACID FILT IN ISOL MANUAL VALVE CH-81	AXLB	735	PRIMARY AUX. BLDG 735'6" -- NE WALL RR		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1	0
CH-82	BORIC ACID FILT OUT ISOL MANUAL VALVE CH-82	AXLB	735	PRIMARY AUX. BLDG 735'6" -- NE WALL RR		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0d. Other - check valve or manual valve	Borate	NO	DRY	COOL	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-83	BORIC ACID SUP TO BLENDER ISOL	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-84	BORIC ACID SUP TO BLENDER CHECK	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-86	BLENDER TO VCT OUT ISOL	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-87	BLENDER TO REFUEL CAV ISOL	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-92	PRI WATER SUP TO BLENDER CHECK	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-E-1	SEAL WATER HEAT EXCHANGER CH-E-1 RUPTURES	AXLB	722	LETDOWN CUBICLE		PRA Model	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	YES	DRY	COOL	Yes			10.488	0.000154

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-E-7A	LUBE OIL COOLER FOR CHARGING PUMP (CH-P-1A) CH-E-7A RUPTURES/LEAKS	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY	COOL	Yes			1.0096	1.56E-07
CH-E-7B	LUBE OIL COOLER FOR CHARGING PUMP (CH-P-1B) CH-E-7B RUPTURES/LEAKS	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY	COOL	Yes			1.049	7.95E-07
CH-E-7C	LUBE OIL COOLER FOR CHARGING PUMP (CH-P-1C) CH-E-7C RUPTURES/LEAKS	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY	COOL	Yes			1.0404	6.55E-07
CH-FL-1	BORIC ACID FILTER CH-FL-1	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	0c. Other - sub-component	Borate	NO	DRY	COOL	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-FL-4A	SEAL WATER INJECTION FILTER CH-FL-4A	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0c. Other - sub-component	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-FL-4B	SEAL WATER INJECTION FILTER	AXLB	735	CHARGING PUMP CUBICLE A		IPEEE SSEL	Cat 1	NO	Inventory	0c. Other - sub-component	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
CH-P-1A	CHARGING HIGH-HEAD SAFETY INJECTION PUMP CH-P-1A	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	HHSI	NO	DRY	COOL	Yes			1.0096	7.2E-06
CH-P-1B	CHARGING HIGH-HEAD SAFETY INJECTION PUMP CH-P-1B	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	HHSI	NO	DRY	COOL	Yes			1.049	7.82E-05
CH-P-1C	CHARGING HIGH-HEAD SAFETY INJECTION PUMP CH-P-1C	AXLB	722	CHARGING PUMP CUBICLE 1C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	HHSI	NO	DRY	COOL	Yes			1.0404	4.62E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
CH-P-2A	BORIC ACID TRANSFER PUMP CH-P-2A	AXLB	752	BORIC ACID PUMP CUBICLE B	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Reactivity	5. Horizontal Pumps	Borate	NO	DRY	WARM	Yes			1	0
CH-P-2B	BORIC ACID TRANSFER PUMP CH-P-2B	AXLB	752	BORIC ACID PUMP CUBICLE B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	5. Horizontal Pumps	Borate	NO	DRY	WARM	Yes			1	0
CH-TK-1A	BORIC ACID TANK CH-TK-1A	AXLB	752	BORIC ACID TANK 1A	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Reactivity	21. Tanks and Heat Exchangers	Borate	NO	DRY	HOT	Yes			1	0
CH-TK-1B	BORIC ACID TANK CH-TK-1B	AXLB	752	BORIC ACID TANK 1B		PRA & IPEEE SSEL	Cat 1	NO	Reactivity	21. Tanks and Heat Exchangers	Borate	NO	DRY	HOT	Yes			1	0
CH-TK-2	VCT TANK	AXLB	752	VCT CUBICLE		PRA Model	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	YES	DRY	COOL	Yes			1.0149	6.24E-09
DC-SWBD1-1	125V DC BUS 1 DC-SWBD-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			79.5	0.005069

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
DC-SWBD1-1-1	CIRCUIT BREAKER 8-1 FROM DC POWER TO INVERTER 1 INV-VITBUS-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1	#N/A
DC-SWBD1-2	125V DC BUS 2 DC-SWBD-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			147.35	0.007885
DC-SWBD1-2-1	CIRCUIT BREAKER 8-1 FROM DC POWER TO INVERTER 2INV-VITBUS-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
DC-SWBD1-3	125V DC BUS 3 DC-SWBD-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			#N/A	#N/A
DC-SWBD1-3-1	CIRCUIT BREAKER 8-1 FROM DC POWER TO INVERTER 3INV-VITBUS-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1	#N/A
DC-SWBD1-4	125V DC BUS 4 DC-SWBD-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			1.3424	3.31E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
DC-SWBD1-4-1	CIRCUIT BREAKER 8-1 FROM DC POWER TO INVERTER 4INV-VITBUS-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1	#N/A
EE-E-1A	DIESEL COOLING WATER HEAT EXCHANGER EE-E-1A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.7747	1.26E-05
EE-E-1B	DIESEL COOLING WATER HEAT EXCHANGER EE-E-1B	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.7619	1.24E-05
EE-FL-10A	FILTER EE-FL-10A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.0007	2.72E-08
EE-FL-10B	FILTER EE-FL-10B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.0008	2.96E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
EE-FL-1A	D.G. FUEL OIL PUMP DISCHARGE FILTER EE-FL-1A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.7747	2.91E-05
EE-FL-1B	D.G. FUEL OIL PUMP DISCHARGE FILTER EE-FL-1B	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.8397	3.16E-05
EE-FL-5A	FILTER EE-FL-5A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.0007	2.72E-08
EE-FL-5B	FILTER EE-FL-5B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0c. Other - sub-component	4kv	NO	DRY	COOL	Yes			1.0008	2.96E-08
EE-P-10A	ENGINE DRIVEN PUMP EE-P-10A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0007	5.08E-07
EE-P-10B	ENGINE DRIVEN PUMP EE-P-10B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0007	5.54E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
EE-P-1A	DIESEL GENERATOR FUEL OIL TRANSFER PUMP EE-P-1A	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0116	0.000178
EE-P-1B	DIESEL GENERATOR FUEL OIL TRANSFER PUMP EE-P-1B	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0116	0.000178
EE-P-1C	DIESEL GENERATOR FUEL OIL TRANSFER PUMP EE-P-1C	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0126	0.000193
EE-P-1D	DIESEL GENERATOR FUEL OIL TRANSFER PUMP EE-P-1D	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0126	0.000193

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
EE-P-9A	MOTOR DRIVEN PUMP EE-P-9A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0007	5.08E-07
EE-P-9B	MOTOR DRIVEN PUMP EE-P-9B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0007	5.54E-07
EE-S-1A	D.G. FUEL OIL PUMP BASKET STRAINER EE-S-1A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.7747	3.66E-05
EE-S-1B	D.G. FUEL OIL PUMP BASKET STRAINER EE-S-1B	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.8397	3.97E-05
EE-S-4A	STRAINER EE-S-4A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0007	3.42E-08
EE-S-4B	STRAINER EE-S-4B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0008	3.71E-08
EE-S-5A	STRAINER EE-S-5A	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0007	3.42E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
EE-S-5B	STRAINER EE-S-5B	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0008	3.71E-08
EE-TK-10A	EE-EG-1 ENGINE MOUNT FUEL OIL TANK EE-TK-10A RUPTURES	DGBX	735	DG ROOM TRAIN A--AT ENGINE		PRA Model	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.7747	3.25E-07
EE-TK-10B	EE-EG-2 ENGINE MOUNT FUEL OIL TANK EE-TK-10B RUPTURES	DGBX	735	DG ROOM TRAIN B--AT ENGINE		PRA Model	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.8397	3.53E-07
EE-TK-2A	EE-EG-1 FUEL OIL DAY TANK EE-TK-2A	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA Model	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.7747	3.25E-07
EE-TK-2B	EE-EG-2 FUEL OIL DAY TANK EE-TK-2B RUPTURES	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.8397	3.53E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FCV-1CH-122	FLOW CONTROL VALVE FCV-CH-122	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes	ECP 04-0003		1.0029	1.56E-07
FCV-1FW-102	TURB DRIVEN AFW PUMP RECIRC CONTROL VALVE FCV-FW-102	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0415	3.78E-08
FCV-1FW-103A	3A AFW PUMP RECIRC CONTROL VALVE FCV-FW-103A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	AFW	NO	DRY	COOL	Yes			1.1098	1E-07
FCV-1FW-103B	3B AFW PUMP RECIRC CONTROL VALVE FCV-FW-103B	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	AFW	NO	DRY	COOL	Yes			1.1098	1E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FCV-1RC-455C1	AIR SUPPLY FCV-RC-455C1	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes		Relocated valves to 1" pipe, July 2000	1	2.85E-14
FCV-1RC-455C2	AIR SUPPLY FCV-RC-455C2	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes		Relocated valves to 1" pipe, July 2000	1	2.85E-14
FCV-1RC-455D1	AIR SUPPLY FCV-RC-455D1	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes		Relocated valves to 1" pipe, July 2000	1	4.22E-15
FCV-1RC-455D2	AIR SUPPLY FCV-RC-455D2	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes		Relocated valves to 1" pipe, July 2000	1	4.11E-15
FCV-CH-113A	BORIC ACID SUP TO BLENDER FLOW CONT	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
FCV-CH-114B	BLENDER TO VCT IN LET FLOW CONT	AXLB	722	BLENDER ROOM		IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			#N/A	#N/A
FE-1FW-101A	FE-1W-100A	SFGB	735	QS/AFW PUMP ROOM		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	AFW	NO	DRY	COOL	Yes			1.0173	2.93E-08
FE-1FW-101B	FE-1FW-101B	SFGB	735	QS/AFW PUMP ROOM		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	AFW	NO	DRY	COOL	Yes			1.0173	2.94E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FE-1FW-101C	FE-1FW-101C	SFGB	735	QS/AFW PUMP ROOM		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	AFW	NO	DRY	COOL	Yes			1.0173	2.93E-08
FO-1	1A STOR TK SUPPLY ISOL MANUAL ISOLATION VALVE FO-1	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
FO-10	1D TRANS PUMP DISCH CHECK VALVE FO-10	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	9.22E-07
FO-11	1A TRANS PUMP DISCH ISOL MANUAL ISOLATION VALVE FO-11	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	6.57E-09
FO-110	CHECK VALVE FO-110	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.29E-08
FO-111	CHECK VALVE FO-111	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0008	5.75E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-112	CHECK VALVE FO-112	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.29E-08
FO-113	CHECK VALVE FO-113	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0008	5.75E-08
FO-12	1B TRANS PUMP DISCH ISOL MANUAL ISOLATION VALVE FO-12	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	6.57E-09
FO-13	1C TRANS PUMP DISCH ISOL MANUAL ISOLATION VALVE FO-13	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	7.12E-09
FO-14	1D TRANS PUMP DISCH ISOL MANUAL ISOLATION VALVE FO-14	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	7.12E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-15	NO. 1 DG CROSS CONN ISOL	DGBX	735	DG ROOM TRAIN A		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
FO-16	NO. 2 DG CROSS CONN ISOL	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			#N/A	#N/A
FO-18	NO. 1 DG FILTER INLET ISOL MANUAL VALVE FO-18	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
FO-19	NO. 2 DG FILTER INLET ISOL MANUAL VALVE FO-19	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07
FO-2	1B STOR TK SUPPLY ISOL MANUAL ISOLATION VALVE FO-2	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-22	NO. 1 DG FILTER OUTLET ISOL MANUAL VALVE FO-22	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
FO-23	NO. 2 DG FILTER OUTLET ISOL MANUAL VALVE FO-23	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07
FO-28	FUEL OIL MANUAL ISOLATION VALVE FO-28	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
FO-29	FUEL OIL MANUAL ISOLATION VALVE FO-29	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07
FO-3	1A TRANS PUMP SUCT ISOL MANUAL ISOLATION VALVE FO-3	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	6.57E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-35	1A/1B TRANS PUMP SUCT CHECK VALVE FO-35	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.6961	6.14E-05
FO-36	1C/1D TRANS PUMP SUCT CHECK VALVE FO-36	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7619	6.66E-05
FO-4	1B TRANS PUMP SUCT ISOL MANUAL ISOLATION VALVE FO-4	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	6.57E-09
FO-5	1C TRANS PUMP SUCT ISOL MANUAL ISOLATION VALVE FO-5	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	7.12E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-6	1D TRANS PUMP SUCT ISOL MANUAL ISOLATION VALVE FO-6	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	7.12E-09
FO-7	1A TRANS PUMP DISCH CHECK VALVE FO-7	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	8.51E-07
FO-8	1B TRANS PUMP DISCH CHECKVALV E FO-8	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0116	8.51E-07
FO-9	1C TRANS PUMP DISCH CHECK VALVE FO-9	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0126	9.22E-07
FO-96	CHECK VALVE FO-96	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.29E-08
FO-97	CHECK VALVE FO-97	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0008	5.75E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FO-98	CHECK VALVE FO-98	DGBX	735	DG ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.29E-08
FO-99	CHECK VALVE FO-99	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0008	5.75E-08
FW-156A	MAIN FEED ISOLATION CHECK VALVE FW-156A	SFGB	756	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	MFW	NO	DRY	HOT	Yes			1.0184	1.41E-06
FW-156B	MAIN FEED ISOLATION CHECK VALVE FW-156B	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	MFW	NO	DRY	HOT	Yes			1.0184	1.41E-06
FW-156C	MAIN FEED ISOLATION CHECK VALVE FW-156C	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	MFW	NO	DRY	HOT	Yes			1.0184	1.41E-06
FW-33	FW-P-2 (1FW-P-2) DISCH CHECK VALVE FW-33	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.11E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-34	(1FW-P-3A) DISCH CHECK VALVE FW-34	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06
FW-35	(1FW-P-3B) DISCH CHECKVALV E FW-35	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06
FW-36	(1FW-P-2) "A" HEADER DISCH ISOLATION MANUAL VALVE FW-36 TO HEADER A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0346	3.18E-07
FW-37	(1FW-P-3A) "A" HEADER DISCH ISOLATION MANUAL VALVE FW-37 TO HEADER A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-38	(1FW-P-3B) "A" HEADER DISCH ISOLATION	SFGB	735	QS/AFW PUMP ROOM		IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			#N/A	#N/A
FW-39	(1FW-P-2) "B" HEADER DISCH ISOLATION MANUAL VALVE FW-39 TO HEADER A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0069	6.3E-08
FW-40	(1FW-P-3A) "B" HEADER DISCH ISOLATION	SFGB	735	QS/AFW PUMP ROOM		IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	MFW	NO	DRY	COOL	Yes			#N/A	#N/A
FW-41	(1FW-P-3B) "B" HEADER DISCH ISOLATION MANUAL VALVE FW-41 TO HEADER A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-42	1A SG AUX FEED CHECK VALVE FW-42	SFGB	751	MAIN STEAM VALVE ROOM---E NEAR CNMT WALL		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.3E-06
FW-43	1B SG AUX FEED CHECK VALVE FW-43	SFGB	751	MAIN STEAM VALVE ROOM---CENTER NEAR CNMT WALL		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.3E-06
FW-44	1C SG AUX FEED CHECK VALVE FW-44	SFGB	751	MAIN STEAM VALVE ROOM---W NEAR CNMT WALL		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.3E-06
FW-50	LUBE OIL COOLER (1FW-P-2) COOLER CHECK VALVE FW-50	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.11E-06
FW-51	LUBE OIL (1FW-P-3A) COOLER CHECK VALVE FW-51	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-52	LUBE OIL (1FW-P-3B) COOLER CHECK VALVE FW-52	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06
FW-53	(1FW-P-2) RECIRC AND CLR ISOLATION LUBE OIL COOLER MANUAL VALVE FW-53	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.81E-07
FW-54	(1FW-P-3A) RECIRC AND CLR ISOLATION LUBE OIL COOLER MANUAL VALVE FW-54	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-55	(1FW-P-3B) RECIRC AND CLR ISOLATION LUBE OIL COOLER MANUAL VALVE FW-55	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06
FW-59	COMMON LUBE OIL COOLERS 3-WAY MANUAL VALVE FW-59	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			98.642	8.95E-05
FW-603	LUBE OIL COOLER (1FW-P-3A) COOLER OUTLET MANUAL VALVE FW-603	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-604	LUBE OIL (1FW-P-3B) COOLER OUTLET MANUAL VALVE FW-604	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06
FW-618	LUBE OIL (1FW-P-2) COOLER OUTLET MANUAL VALVE FW-618	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.81E-07
FW-622	1C SG AUX FEED CHECK VALVE FROM "A" HEADER FW-622	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0007	4.92E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-623	1C SG AUX FEED CHECK FROM "B" HEADER CHECK VALVE FW-623	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0001	5.07E-09
FW-624	1B SG AUX FEED CHECK FROM "A" HEADER CHECK VALVE FW-624	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0006	4.55E-08
FW-625	1B SG AUX FEED CHECK FROM "B" HEADER CHECK VALVE FW-625	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0001	4.8E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-626	1A SG AUX FEED CHECK FROM "A" HEADER CHECK VALVE FW-626	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0007	4.92E-08
FW-627	1A SG AUX FEED CHECK FROM "B" HEADER CHECK VALVE FW-627	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0001	5.07E-09
FW-65	LUBE OIL (1FW-P-2) COOLER ISOLATION MANUAL VALVE FW-65	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.81E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-66	LUBE OIL(1FW-P-3A) COOLER ISOLATION MANUAL VALVE FW-66	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06
FW-67	LUBE OIL (1FW-P-3B) COOLER ISOLATION MANUAL VALVE FW-67	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06
FW-68	(1FW-P-2) COOLER INLET CHECK, LUBE OIL COOLER CHECK VALVE FW-68	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.11E-06
FW-69	LUBE OIL(1FW-P-3A) COOLER INLET CHECK VALVE FW-69	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-70	LUBE OIL COOLER(1FW -P-3B) COOLER INLET CHECK VALVE FW-70	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	8.23E-06
FW-P-2	TURBINE DRIVEN PUMP FW-P-2	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			1.0415	0.001955
FW-P-3A	NO.3A MOTOR DRIVEN AUXILIARY FEEDWATER PUMP	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			1.1098	0.000309
FW-P-3B	NO.3B MOTOR DRIVEN AUXILIARY FEEDWATER PUMP	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			1.1098	0.000309

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
FW-T-2	FW-P-2 AUX FEED PUMP STEAM TERRY TURBINE	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			#N/A	#N/A
GN-TK-1A	NITROGEN ACCUMULATOR TANK GN-TK-1A RUPTURES	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	21. Tanks and Heat Exchangers	PZR	YES	DAMP	HOT	Yes		loose anchors, replaced with new ASME tank, July 2000	1.0002	1E-10
GN-TK-1B	NITROGEN ACCUMULATOR TANK GN-TK-1B	RCBX	767	REACTOR CONTAINMENT BUILDING	Screens 1, 2, 3, 4a, 4b,4c,4e	PRA Model	Cat 1	NO	Pressure	21. Tanks and Heat Exchangers	PZR	YES	DAMP	HOT	Yes		loose anchors, replaced with new ASME tank, July 2000	1.0025	1.04E-09
GN-TK-1C	NITROGEN ACCUMULATOR TANK GN-TK-1C RUPTURES	RCBX	767	OUTSIDE CRANE WALL		PRA Model	Cat 1	NO	Pressure	21. Tanks and Heat Exchangers	PZR	YES	DAMP	HOT	Yes			1.0002	1.01E-10
HCV-1CH-186	RCP SEAL SUP HAND CONT, HCV-CH-186	AXLB	722	BLENDER ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
HCV-1CH-389	HCV-CH-389 SPURIOUSLY ACTUATES DUE TO FIRE	RCBX	707	EXCESS LTDN PLAT		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
HCV-1FW-158A	1A SG AFW CNMT ISOL VLV, HCV-FW-158A	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.59E-07
HCV-1FW-158B	1B SG AFW CNMT ISOL VLV, HCV-FW-158B	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.59E-07
HCV-1FW-158C	1C SG AFW CNMT ISOL VLV, HCV-FW-158C	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0173	1.59E-07
HCV-1MS-104	RESIDUAL HEAT RELEASE VALVE HCV-MS-104	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	OP	NO	DRY	HOT	Yes			1.0001	7.41E-07
HYV-1FW-100A	MAIN FEED ISOLATION VALVE HYV-FW-100A	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			1.0184	2.66E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
HYV-1FW-100B	MAIN FEED ISOLATION VALVE HYV-FW-100B	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			1.0184	2.66E-05
HYV-1FW-100C	MAIN FEED ISOLATION VALVE HYV-FW-100C	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			1.0184	2.66E-05
IA-116	(PCV-1RC-455D) AIR SUPPLY ISOL CHECK VALVE IA-116	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0002	1.02E-07
IA-117	(PCV-1RC-455C) AIR SUPPLY ISOL CHECK VALVE IA-117	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0025	1.06E-06
IA-378	CHECK VALVE IA-378	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0002	1.02E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
IA-379	MANUAL VALVE IA-379	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0892	5.05E-08
IA-381	MANUAL VALVE IA-381	RCBX	767	PRESSURIZER CUBICLE---TOP OF PZR AT PORV		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0131	7.41E-09
IA-383	MANUAL VALVE IA-383	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	PZR	YES	DAMP	HOT	Yes			1.0131	7.42E-09
IA-90	INSTR AIR TO CNMT INSTR AIR ISOL MANUAL VALVE IA-90	SFGB	735	WEST CABLE VLT--PEN B REACH ROD		PRA & IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
IA-90-1	MANUAL VALVE IA-90-1	SFGB	722	PENETRATION #47		PRA Model	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	1.12E-08
IA-91	INSTR AIR TO CNMT INSTR AIR CHECK VALVE IA-91	RCBX	718	PENETRATIONS AREA IN CNMT		PRA & IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	YES	DAMP	HOT	Yes			#N/A	1.22E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
INV-VITBUS1-1	VITAL BUS I INVERTER INV-VITBUS-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	Replacement of Inverter and Static Switch for BV-1 Vital Bus 1,ECP 08-0033-001	Design changed (DCP 1531), 1996	1.0001	#N/A
INV-VITBUS1-2	VITAL BUS II INVERTER INV-VITBUS-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	No	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	ECP 08-0033-002 replaced inverter and static switch, May 2011		1	#N/A
INV-VITBUS1-3	VITAL BUS III INVERTER INV-VITBUS-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	DCP 2422 mounting changed		1	#N/A
INV-VITBUS1-4	VITAL BUS IV INVERTER INV-VITBUS-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	ECP 02-0063, inverter replaced	Anchors added (DCP-204), May 1997	1	#N/A
JB504	Junction box: JB504	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
JB802	Junction Box: JB802	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
LCV-1CH-460A	LTDN TO REGEN HX IN ISOL, LCV-CH-460A	RCBX	718	A CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			1	#N/A
LCV-1CH-460B	LTDN TO REGEN HX IN ISOL, LCV-CH-460B	RCBX	718	A CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			1	#N/A
LQ-1DA-100	LEVEL LOOP POWER SUPPLY	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	0. other	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
LQ-1RS-151A	REACTOR CONTAINMENT SUMP LEVEL LOOP PO	SRVB	713	PROCESS RACK A		Fire Panels	Cat 1	NO	ESFAS	0. other	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
LQ-1RS-151B	REACTOR CONTAINMENT SUMP LEVEL POWER S	SRVB	713	PROCESS RACK B		Fire Panels	Cat 1	NO	ESFAS	0. other	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
LS-1EE-201-1	EE-EG-1 DAY TANK LEVEL(PUMP CTRL) LEVEL SWITCH LS-EE-201-1	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	18. Instrument (on) Racks	4kv	NO	DRY	COOL	Yes			1.6961	0.00773
LS-EE-202-1	LEVEL SWITCH LS-EE-202-1	DGBX	735	DG ROOM TRAIN B----ON FUEL OIL TANK		PRA & IPEEE SSEL	Cat 1	NO	4KV	18. Instrument (on) Racks	4kv	NO	DRY	COOL	Yes			1.7618	0.008384
LT-1CH-112	VCT LT-CH-112 SPURIOUS FAIL DUE TO FIRE	AXLB	752	VCT CUBICLE		PRA Model	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	YES	DRY	COOL	Yes			#N/A	#N/A
LT-1CH-115	VCT LT-CH-115 SPURIOUS FAIL DUE TO FIRE	AXLB	752	VCT CUBICLE		PRA Model	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	YES	DRY	COOL	Yes			#N/A	#N/A
LT-1FW-475	SG1A BIP NARROW RANGE LEVEL TRANSMITTER LT-1FW-475	RCBX	718	OUTSIDE 1A STEAM GEN CUBICLE	Screens 1, 2, 3, 4a, 4b,4c	PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	MFW	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
LT-1FW-485	SG1B BIP NARROW RANGE LEVEL TRANSMITTER LT-1FW-485	RCBX	738	OUTSIDE CRANE WALL COLUMN 10		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	MFW	YES	DAMP	HOT	Yes			#N/A	#N/A
LT-1FW-495	SG1C BIP NARROW RANGE LEVEL TRANSMITTER LT-1FW-495	RCBX	718	OUTSIDE 1C STEAM GEN CUBICLE		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	MFW	YES	DAMP	HOT	Yes			#N/A	#N/A
LT-1QS-100A	RWST LEVEL TRANSMITTER LT-QS-100A	YARD	735	AT QS-TK-1	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	NO	DRY/WET	WARM/COOL	NO	DCP-1741 &DCP-2416 replaced		1.9533	0.000368
LT-1QS-100B	RWST LEVEL TRANSMITTER LT-QS-100B	YARD	735	AT QS-TK-1		PRA & IPEEE SSEL	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	NO	DRY/WET	WARM/COOL	NO	DCP-1741 &DCP-2416 replaced		1.9533	0.000368
LT-1QS-100C	RWST LEVEL TRANSMITTER LT-QS-100C	YARD	735	AT QS-TK-1		PRA & IPEEE SSEL	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	NO	DRY/WET	WARM/COOL	NO	DCP-1741 &DCP-2416 replaced		1.9533	0.000368
LT-1QS-100D	RWST LEVEL TRANSMITTER LT-QS-100D	YARD	735	AT RWST		PRA & IPEEE SSEL	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	NO	DRY/WET	WARM/COOL	NO	DCP-1741 &DCP-2416 replaced		1.9533	0.000368

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
LT-1WT-104A	PRIMARY PLANT DEMINERALIZED WTR STORAGE TANK LEVEL TRANSMITTER LT-WT-104A	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK		PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	AFWSU	YES	DRY	COOL	Yes	DCP-0304 & DCP-2416 replaced		#N/A	#N/A
MCC-1-E1	480V MTR.CNTRL. CENTER FED FROM 480V SBST.1-8 EMERG.BUS VIA 1NBKR 8N7, MOTOR CONTROL CENTER MCC-1-E1	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	1. Motor Control Centers	RW	NO	DAMP	WARM	Yes	ECP 02-0283 & ECP 03-0428 replaced circuit breakers; & Replace thermal overload, ECP 12-0243-001& DCP-0742		6.4502	0.000148

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E10	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P(9P11),MOTOR CONTROL CENTER MCC-1-E10	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		#N/A	#N/A
MCC-1-E10-R	CHARGER BREAKER MCC-1-E10-R	SRVB	713	MCC-1-E10, CUBICLE R		PRA Model	Cat 1	NO	ERF DC	1a. Breaker inside MCC	ERF DC	NO	DRY	COOL	Yes			1	1.17E-11
MCC-1-E10-T	480V MCC-1-E10 SUPPLY TO STATION BATTERY CH. #2 BAT-CHG-2, BREAKER MCC1-E10-T	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	125V	1a. Breaker inside MCC	125V	NO	DRY	COOL	Yes			147.35	0.002556

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E10-U	480V MCC-1-E10 SUPPLY TO STATION BATTERY CHG. #4 BAT-CHG-4, BREAKER MCC1-E10-U	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	125V	1a. Breaker inside MCC	125V	NO	DRY	COOL	Yes			1.3424	1.04E-06
MCC-1-E10-V	480V MCC-1-E10SUPPLY TO VITAL BUS. II & IV AND INVERTERS, CIRCUIT BREAKER MCC1-E10-V	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	120V	1a. Breaker inside MCC	120V	NO	DRY	COOL	Yes			1	#N/A
MCC-1-E11	MOTOR CONTROL CENTER MCC-1-E11	SFGB	735	WEST CABLE VAULT		PRA Model	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.1866	0.000114
MCC-1-E12	MOTOR CONTROL CENTER MCC-1-E12	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA Model	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.2034	0.000114

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E13	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA.1-8 BUS 1N, MCC-1-E13	SFGB	756	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	HOT	Yes	ECP 02-0283 &ECP 03-0428 & ECP 06-0005 replaced circuit breakers		#N/A	#N/A
MCC-1-E13-1D	480V SUPPLY FROM MCC1-E13 TO VOLT REG ,VITAL BUS ALT SUPPLY, TRF-1O15, CIRCUIT BREAKER 1D	SFGB	756	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	HOT	Yes			1.0245	7.46E-08
MCC-1-E14	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P, MCC-1-E14	SFGB	735	EAST CABLE VAULT		PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 & ECP 06-0005 replaced circuit breakers		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E14-1D	480V SUPPLY TO VITAL BUS ALT SUPPLY TRF-1P15, CIRCUIT BREAKER 1D	SFGB	735	EAST CABLE VAULT		PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.0141	4.29E-08
MCC-1-E2	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P (9P8); MCC-1-E2	INTS	705	Intake Structure Pump Cubicle 2 (B)---SOUTH WALL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	1. Motor Control Centers	RW	NO	DAMP	WARM	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		4.4304	9.34E-05
MCC-1-E3	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-8 BUS 1N (8N8), MCC-1-E3	AXLB	735	PRIMARY AUX. BLDG 735'6"--WEST WALL NEAR CC-E-1A		PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.1866	0.000114

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E4	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P (9P9), MCC-1-E4	AXLB	735	PRIMARY AUX. BLDG 735'6"-- WEST WALL NEAR CC-E-1C	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.2034	0.000114
MCC-1-E5	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-8 BUS 1N (8N6), MCC-1-E5	SFGB	735	WEST CABLE VAULT		PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		1.2418	6.58E-06
MCC-1-E6	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P(9P14), MCC-1-E6	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		1.2233	6.08E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E7	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-8 BUS 1N(8N14), MCC-1-E7	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	4KV	1. Motor Control Centers	4kv	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers	Installed flat bar tie-racks anchored to wall at top of MCC sides, May 1997	1.7747	2.11E-05
MCC-1-E8	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P (9P7), MCC-1-E8	DGBX	735	DG ROOM TRAIN B-- - EAST WALL	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	4KV	1. Motor Control Centers	4kv	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		1.8397	2.29E-05
MCC-1-E9	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-8 BUS 1N(8N11), MCC-1-E9	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers	Removed raceway brace away from top rear corner of MCC, original SQUG	#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of . Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MCC-1-E9-AB	480V MCC-1-E9 SUPPLY TO STATION BATTERY CHG. #1 BAT-CHG-1, BREAKER MCC1-E9-AB	SRVB	713	MCC-1-E9, CUBICLE AB		PRA & IPEEE SSEL	Cat 1	NO	125V	1a. Breaker inside MCC	125V	NO	DRY	COOL	Yes			79.499	0.001643
MCC-1-E9-AC	480V MCC-1-E9SUPPLY TO STATION BATTERY CHG. #3 BAT-CHG-3, BREAKER MCC1-E9-AC	SRVB	713	MCC-1-E9, CUBICLE AC		PRA & IPEEE SSEL	Cat 1	NO	125V	1a. Breaker inside MCC	125V	NO	DRY	COOL	Yes			#N/A	#N/A
MCC-1-E9-AD	480V MCC-1-E9SPY.TO VITAL BUSI& II AND INVERTERS INV-VITBUS I&III,CIRCUIT BREAKER MCC-1-E9-AD	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	120V	1a. Breaker inside MCC	120V	NO	DRY	COOL	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MEJ-1CC-12	EXPANSION JOINT MEJ-CC-12	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
MEJ-1CC-12S	EXPANSION JOINT MEJ-CC-12S	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
MEJ-1CC-1A	EXPANSION JOINT MEJ-CC-1A RUPTURES	AXLB	735	PRIMARY AUX. BLDG---A CCR PUMP		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
MEJ-1CC-1B	EXPANSION JOINT MEJ-CC-1B RUPTURES	AXLB	735	PRIMARY AUX. BLDG----B CCR PUMP		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MEJ-1CC-1C	EXPANSION JOINT MEJ-CC-1C RUPTURES	AXLB	735	PRIMARY AUX. BLDG----C CCR PUMP		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
MEJ-1CC-2	REACTOR COOLANT PUMP RETURN HEADER EXPANSION JOINT MEJ-CC-2	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
MEJ-1CC-3	RESIDUAL HEAT REMOVAL RETURN HEADER EXPANSION JOINT MEJ-CC-3	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CC-112A2	(RH-E-1A) CCR IN CNMT ISOL, MOV-CC-112A2 CCR SUPPLY HEADER	RCBX	718	PEN PLAT		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1CC-112A3	(RH-E-1A) CCR OUT CNMT ISOL, MOV-CC-112A3 CCR RETURN VALVE	RCBX	718	PEN PLAT		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1CC-112B2	(RH-E-1B) CCR IN CNMT ISOL, MOV-CC-112B2 CCR SUPPLY HEADER	RCBX	718	PEN PLAT		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CC-112B3	(RH-E-1B) CCR OUT CNMT ISOL, MOV-CC-112B3 CCR RETURN VALVE	RCBX	718	PEN PLAT		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1CH-115B	RWST OUT TO CHG PP SUCT HDR ISOL, MOV-CH-115B	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.0481	3.85E-05
MOV-1CH-115C	VCT OUT TO CHG PP SUCT HDR ISOL, ISOLATION MOV-CH-115C	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0481	3.85E-05
MOV-1CH-115D	RWST OUT TO CHG PP SUCT HDR ISOL, MOV-CH-115D	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			2.8395	0.001472

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CH-115E	VCT OUT TO CHG PP SUCT HDR ISOL, ISOLATION MOV-CH-115E	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			2.8395	0.001471
MOV-1CH-137	MOV-CH-137	RCBX	692	EXCESS LTDN PLAT		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-142	MOV-CH-142	RCBX	707	RHS PLATFORM		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-201	MOV-CH-201	RCBX	707	EXCESS LTDN PLAT		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-275A	CHG PP 1A MIN FLOW ISOL, MOV-CH-275A	AXLB	722	CHARGING PUMP CUBICLE 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0096	8.75E-09
MOV-1CH-275B	MINI FLOW RECIRC VALVE MOV-CH-275B	AXLB	722	CHARGING PUMP CUBICLE 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.049	4.46E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CH-275C	CHG PP 1B MIN FLOW ISOL, MOV-CH-275C	AXLB	722	CHARGING PUMP CUBICLE 1C		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0404	3.68E-08
MOV-1CH-289	MOV-CH-289	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0029	2.65E-09
MOV-1CH-303A	MOV-CH-303A	RCBX	692	FLOOR SE		PRA Model	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-303B	MOV-CH-303B	RCBX	692	FLOOR S		PRA Model	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-303C	MOV-CH-303C	RCBX	692	FLOOR S		PRA Model	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-308A	RCP 1A SEAL INJ ISOL, MOV-CH-308A	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1CH-308B	RCP 1B SEAL INJ ISOL, MOV-CH-308B	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CH-308C	RCP 1C SEAL INJ ISOL, MOV-CH-308C	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1CH-310	REGEN HX CHG HDR OUT ISOL, NORMAL CHARGING VALVE MOV-CH-310	RCBX	692	FLOOR NW		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0029	2.65E-09
MOV-1CH-311	AUXILIARY SPRAY VALVE MOV-CH-311	RCBX	692	FLOOR W		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			1	3.83E-13
MOV-1CH-350	MOV-CH-350	AXLB	722	BLENDER ROOM		PRA Model	Cat 1	NO	Reactivity	8a. Motor-Operated Valves	Borate	NO	DRY	COOL	Yes			1	0
MOV-1CH-370	SEAL INJ HDR ISOL, MOV-CH-370	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1CH-373	CHG PP MIN FLOW HDR ISOL, MOV-CH-373	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			10.488	8.64E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1CH-378	SEAL WATER RTRN CNMT ISOL,INSIDE CNMT ISOL VALVE MOV-CH-378	RCBX	727	REACTOR CONTAINMENT BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1CH-381	SEAL WATER RTRN CNMT ISOL,MOV-CH-381	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1FW-151A	1C SG AFW THROTTLE VLV (B HDR),FEEDWATER CONTROL VALVE MOV-FW-151A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0001	1.21E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1FW-151B	1C SG AFW THROTTLE VLV (A HDR),FEEDWATER CONTROL VALVE MOV-FW-151B	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0007	2.08E-08
MOV-1FW-151C	1B SG AFW THROTTLE VLV (B HDR),FEEDWATER CONTROL VALVE MOV-FW-151C	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0001	1.21E-08
MOV-1FW-151D	1B SG AFW THROTTLE VLV (A HDR),FEEDWATER CONTROL VALVE MOV-FW-151D	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0006	2.01E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1FW-151E	1A SG AFW THROTTLE VLV (B HDR),FEEDWATER CONTROL VALVE MOV-FW-151E	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0001	1.21E-08
MOV-1FW-151F	1A SG AFW THROTTLE VLV (A HDR),FEEDWATER CONTROL VALVE MOV-FW-151F	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0007	2.08E-08
MOV-1MS-101A	(TV-1MS-101A) BYPASS VALVE MOV-MS-101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0649	5.91E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1MS-101B	(TV-1MS-101B) BYPASS VALVE MOV-MS-101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.065	5.91E-08
MOV-1MS-101C	(TV-1MS-101C) BYPASS VALVE MOV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.065	5.91E-08
MOV-1MS-105	AFW TURB STEAM ISOL VLV,COMMON STEAM SUPPLY MOV-MS-105	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	HOT	Yes			1.0415	6.12E-07
MOV-1QS-100A	1A QUENCH SPRAY PP SUCT ISOL,MOV-QS-100A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1QS-100B	1B QUENCH SPRAY PP SUCT ISOL, MOV-QS-100B	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			1.3198	4.72E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1QS-101A	1A QUENCH SPRAY PP DISCH ISOL,MOV-QS-101A	SFGB	735	PIPE TUNNEL---W AREA RR 745 - SHALLOW PIT		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			1.0022	#N/A
MOV-1QS-101B	1B QUENCH SPRAY PP DISCH ISOL, MOV-QS-101B	SFGB	735	PIPE TUNNEL---W AREA RR 745 - SHALLOW PIT	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			1.3175	0.000277
MOV-1RC-535	PORV BLOCK VALVE MOV-RC-535	RCBX	767	PRESSURIZER CUBICLE	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 03-0597 replaced		1.0892	1.84E-06
MOV-1RC-536	PORV BLOCK VALVE M0V-RC-536	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.78E-06
MOV-1RC-537	PORV BLOCK VALVE MOV-RC-537	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes		Adjacent air line removed, July 2000	1.0131	1.78E-06
MOV-1RC-556A	MOV-RC-556A	RCBX	718	A CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 03-0078 replaced		#N/A	#N/A
MOV-1RC-556B	MOV-RC-556B	RCBX	718	B CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RC-556C	MOV-RC-556C	RCBX	718	C CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-557A	MOV-RC-557A	RCBX	718	A CUBICLE		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-557B	MOV-RC-557B	RCBX	718	B CUBICLE		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-557C	MOV-RC-557C	RCBX	718	C CUBICLE		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-590	MOV-RC-590	RCBX	738	A CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-591	MOV-RC-591	RCBX	738	A CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-592	MOV-RC-592	RCBX	738	B CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-593	MOV-RC-593	RCBX	738	B CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RC-594	MOV-RC-594	RCBX	738	C CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RC-595	MOV-RC-595	RCBX	738	C CUBICLE		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
MOV-1RH-605	RESIDUAL HEAT REMOVAL HX BYP FLOW CONT, MOV-RH-605	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1RH-700	RESIDUAL HEAT REMOVAL IN ISOL, MOV-RH-700	RCBX	692	W OF SI ACC 1A		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1RH-701	RESIDUAL HEAT REMOVAL IN ISOL, MOV-RH-701	RCBX	692	W OF SI ACC 1A		PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RH-720A	RESIDUAL HEAT REMOVAL RTRN ISOL TRAIN A DISCHARGE VALVE MOV-RH-720A	RCBX	692	W OF SI ACC 1B		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1RH-720B	RHR TRAIN B DISCHARGE VALVE MOV-RH-720B	RCBX	692	W OF SI ACC 1C		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1RH-758	RESIDUAL HEAT REMOVAL HX FLOW CONT, HX DISCHARGE MOV	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0
MOV-1RS-155A	SUCTION LINE TRAIN A MOV-RS-155A	SFGB	735	PIPE TUNNEL---W VLV PIT RR 745		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RS-155B	SUCTION LINE TRAIN B MOV-RS-155B	SFGB	735	PIPE TUNNEL---W VLV PIT RR 745		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.1704	2.51E-06
MOV-1RS-156A	2A OUTSIDE RECIRC SPRAY PP DISCH ISOL, MOV-RS-156A	SFGB	735	PIPE TUNNEL---W AREA RR 745		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1RS-156B	2B OUTSIDE RECIRC SPRAY PP DISCH ISOL,MOV-RS-156B	SFGB	735	PIPE TUNNEL---W AREA RR 746		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.1704	2.51E-06
MOV-1RW-102A2	1A RP RW PUMP DISCH VLV TO A-HDR, MOV-RW-102A2	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DAMP	WARM	Yes	ECP 12-0243-001, Replace thermal overload		6.0346	5.29E-07
MOV-1RW-102B1	1B RP RW PUMP DISCH VLV TO B-HDR, MOV-RW-102B1	INTS	705	Intake Structure Pump Cubicle 2 (B)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DAMP	WARM	Yes	ECP 11-0296-001 replaced		2.074	0.000859

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-102C1	MOV-RW-102C1 (ZTVMOD)	INTS	705	Intake Structure Pump Cubicle 3 (C)		PRA Model	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DAMP	WARM	Yes	ECP 11-0296-003 replaced		6.0346	4.43E-05
MOV-1RW-102C2	MOV-RW-102C2 (ZTVMOD)	INTS	705	Intake Structure Pump Cubicle 3 (C)		PRA Model	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DAMP	WARM	Yes			6.0346	1.77E-06
MOV-1RW-103A	1A HDR RP RW TO RECIRC SPRAY HXS ISOL VLV, RSS HX ISOL MOV-RW-103A	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			181.78	0.000205
MOV-1RW-103B	1A HDR PP RW TO RECIRC SPRAY HXS ISOL VLV, MOV-RW-1O3B	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes	ECP 10-0353-001, Valve Replacement		181.78	0.000168

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-103C	1B HDR RP RW TO RECIRC SPRAY HXS ISOL VLV,L MOV-RW-103C	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes	ECP 11-0296-004 replaced		144.32	0.000132
MOV-1RW-103D	1B HDR PP RW TO RECIRC SPRAY HXS ISOL VLV, MOV-RW-103D	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes	ECP 11-0296-005 replaced		144.32	0.000143
MOV-1RW-104A	RIVER WATER INLET,1A RECIRC SPRAY HX INLET ISOL VLV, MOV-RW-104A	SFGB	722	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.0008	1.91E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-104B	1B RECIRC SPRAY HX INLET ISOL VLV,RIVER WATER INLET MOV-RW-104B	SFGB	722	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1RW-104C	1C RECIRC SPRAY HX INLET ISOL VLV,RIVER WATER MOV-RW-104C	SFGB	722	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1RW-104D	RW INLET TO 1D RS HX MOV-RW-104D	SFGB	722	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.1704	4.26E-05
MOV-1RW-105A	1A RECIRC SPRAY HX OUTLET ISOL VLV, MOV-RW-105A	SFGB	735	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.0008	1.91E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-105B	1B RECIRC SPRAY HX OUTLET ISOL VLV, MOV-RW-105B	SFGB	735	W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1RW-105C	1C RECIRC SPRAY HX RW OUTLET ISOL VLV, MOV-RW-105C	SFGB	735	PIPE TUNNEL--W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1RW-105D	1D RECIRC SPRAY HX OUTLET ISOL VLV MOV-RW-105D	SFGB	735	PIPE TUNNEL--W SFGD AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	RSS	NO	DRY	COOL	Yes			1.1704	4.26E-05
MOV-1RW-106A	CCR HX ISOL MOV-RW-106A	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			181.78	0.000166
MOV-1RW-106B	CCR HX ISOL MOV-RW-1O6B	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			144.32	0.000143

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-113A	DIESEL GEN HX (1EE-E-1A) INLET 1B SUPPLY HDR ISOL, MOV-RW-113A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	8a. Motor-Operated Valves	4kv	NO	DRY	COOL	Yes	ECP02-0082 replaced		1.0006	5.06E-07
MOV-1RW-113B	DIESEL GEN HX (1EE-E-1A) INLET 1A SUPPLY HDR ISOL,MOV-RW-113B	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	4KV	8a. Motor-Operated Valves	4kv	NO	DRY	COOL	Yes	ECP02-0082 replaced		1.0006	5.06E-07
MOV-1RW-113D1	DIESEL GEN HX (1EE-E-1B) INLET 1A SUPPLY HDR ISOL, MOV-RW-113D1	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	8a. Motor-Operated Valves	4kv	NO	DRY	COOL	Yes	ECP02-0082 replaced		1.0007	5.47E-07
MOV-1RW-114A	CCR HX ISOL MOV-RW-114A	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			181.78	0.000203
MOV-1RW-114B	CCR HX ISOL MOV-RW-114B	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			144.32	0.000132

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-116A	MOV-RW-116A CROSS CNCT FROM AUX RW PUMP	VLVP	735	UNIT 1 RW VLV PIT (EAST)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	NO			1.0513	5.27E-05
MOV-1RW-116B	MOV-RW-116B CROSS CNCT FROM AUX RW PUMP	VLVP	735	UNIT 1 RW VLV PIT(WEST)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	NO			1.1147	0.000156
MOV-1SI-836	HHSI TO RCL COLD LEG ISOL, MOV-SI-836	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.0007	5.35E-07
MOV-1SI-860A	1A LHSI PP RX CNMT SUMP SUCT ISOL MOV-SI-860A	SFGB	747	VALVE PIT 688		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.0008	#N/A
MOV-1SI-860B	SUMP VALVE MOV-SI-860B	SFGB	747	VALVE PIT 688	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.296	0.000256

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1SI-862A	1A LHSI PP RWST SUCT ISOL MOV-SI-862A	SFGB	747	VALVE PIT 688	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.146	2.13E-06
MOV-1SI-862B	1B LHSI PP RWST SUCT ISOL MOV-SI-862B	SFGB	747	VALVE PIT 688		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.481	7.21E-06
MOV-1SI-863A	1A LHSI PP TO CHG PP SUP ISOL, MOV-SI-863A	SFGB	735	PIPE TUNNEL--NW		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.146	2.15E-06
MOV-1SI-863B	1B LHSI PP TO CHG PP SUP ISOL, MOV-SI-863B	SFGB	735	PIPE TUNNEL--NW		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.481	7.1E-06
MOV-1SI-864A	1A LHSI PP TO RCL COLD LEGS ISOL, MOV-SI-864A	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSIHLI	NO	DRY	COOL	Yes			1.146	2.16E-06
MOV-1SI-864B	1B LHSI PP TO RCL COLD LEGS ISOL,MOV-SI-864B	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSIHLI	NO	DRY	COOL	Yes			1.481	7.1E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1SI-865A	1A SI ACC DISCH ISOL (PWR LOCK OUT),MOV-SI-865A	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.86E-06
MOV-1SI-865B	1B SI ACC DISCH ISOL (PWR LOCK OUT),MOV-SI-865B	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.86E-06
MOV-1SI-865C	1C SI ACC DISCH ISOL (PWR LOCK OUT), MOV-SI-865C	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.86E-06
MOV-1SI-867A	BIT IN ISOL, MOV-SI-867A	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes	ECP 00011, replace valve		#N/A	#N/A
MOV-1SI-867B	BIT IN ISOL, MOV-SI-867B	AXLB	722	BLENDER ROOM		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes	ECP 00011, replace valve		1.0836	6.69E-05
MOV-1SI-867C	BIT OUT ISOL,MOV-SI-867C	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1SI-867D	BIT OUT ISOL, MOV-SI-867D	SFGB	722	PIPE PENETRATION A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0836	6.69E-05
MOV-1SI-869A	MOV-SI-869A	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1SI-869B	MOV-SI-869B	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-1SI-885A	LHSI PP 1A MIN FLOW LINE TRAIN A ISOL, MOV-SI-885A	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.1474	5.46E-07
MOV-1SI-885B	LHSI PP 1B MIN FLOW LINE TRAIN A ISOL, MOV-SI-885B	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.4504	#N/A
MOV-1SI-885C	LHSI PP 1B MIN FLOW LINE TRAIN B ISOL,MOV-SI-885C	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.4504	6.84E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-1SI-885D	LHSI PP 1A MIN FLOW LINE TRAIN B ISOL,MOV-SI-885D	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.1474	2.14E-06
MOV-1SI-890A	MOV-SI-890A	SFGB	732	W BSMT		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	LHSIHLI	NO	DRY	COOL	Yes			1.0003	2.02E-07
MOV-1SI-890B	MOV-SI-890B	SFGB	732	W BSMT		PRA Model	Cat 1	NO	Containment	8a. Motor-Operated Valves	LHSIHLI	NO	DRY	COOL	Yes			1.0003	2.02E-07
MOV-1SI-890C	LHSI TO RCS COLD LEGS ISOL (PWR LOCK OUT),COMMON LHSI COLD LEG ISOLATION VALVE MOV-SI-890C	SFGB	732	W BSMT		PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSIHLI	NO	DRY	COOL	Yes			9.8941	8.42E-06
MOV-FW-156A	1A SG MAIN FW CNMT ISOL VLV	SFGB	756	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-FW-156B	1B SG MAIN FW CNMT ISOL VLV	SFGB	756	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			#N/A	#N/A
MOV-FW-156C	1C SG MAIN FW CNMT ISOL VLV	SFGB	756	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	MFW	NO	DRY	HOT	Yes			#N/A	#N/A
MOV-QS-103A	1A QS PP CAVITATING VENTURI NOZZLE BYP ISOL	SFGB	735	W AREA		IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-QS-103B	1B QS PP CAVITATING VENTURI NOZZLE BYP ISOL	SFGB	735	W AREA		IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-RW-104	1A HDR TO 1B HDR RP RW CROSS CONN VALVE	SFGB	722	W SFGDS AREA		IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MOV-RW-113C	DIESEL GEN HX (1EE-E-1B) INLET 1B SUPPLY HDR ISOL, MOV-RW-113C	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	8a. Motor-Operated Valves	4kv	NO	DRY	COOL	Yes	ECP02-0082 replaced		1.0007	5.47E-07
MOV-RW-116	1A HDR RP RW SUP TO CNMT AIR RECIRC CLRS/CMPR	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL		IPEEE SSEL	Cat 1	NO	Air	8a. Motor-Operated Valves	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
MOV-RW-117	1B HDR RP RW SUP TO CNMT AIR RECIRC CLRS/CMPR	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL	Screens 1, 2, 3, 4a, 4b	IPEEE SSEL	Cat 1	NO	Air	8a. Motor-Operated Valves	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
MS-15	1A S/G STEAM SUPPLY TO (1FW-P-2) ISOLATION MANUAL VALVE MS-15	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0001	5.25E-10

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MS-16	1B S/G STEAM SUPPLY TO (1FW-P-2) ISOLATION MANUAL VALVE MS-16	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes	ECP 03-0007 replaced		1.0001	5.26E-10
MS-17	1C S/G STEAM SUPPLY TO (1FW-P-2) ISOLATION MANUAL VALVE MS-17	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1	#N/A
MS-18	1C S/G STEAM SUPPLY TO (1FW-P-2) CHECK VALVE MS-18	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MS-19	1B S/G STEAM SUPPLY TO (1FW-P-2) CHECK VALVE MS-19	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0001	4.2E-09
MS-20	1A S/G STEAM SUPPLY TO (1FW-P-2) CHECK VALVE MS-20	SFGB	751	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	HOT	Yes			1.0001	4.19E-09
MS-23	MANUAL VALVE MS-23 TO ASDV 101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1.0005	2.64E-10
MS-24	MANUAL VALVE MS-24 TO ASDV 101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1.0003	1.92E-10
MS-25	MANUAL VALVE MS-25 TO ASDV 101C	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1.0003	1.92E-10

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MS-26	MANUAL VALVE MS-26	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1.0001	7.77E-11
MS-464	GOVERNOR TO TERRY STM TURBINE (1FW-T-2),FW-P-2 GOVERNOR VALVE MS-464	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0415	1.27E-06
MS-465	(1FW-T-2) INLET STM ISOL FW-P-2 TRIP THROTTLE VALVE MS-465	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0415	1.27E-06
MS-80	SG-1A STEAM RELEASE PATH TO RHR CHECK VALVE MS-80	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1	1.27E-14

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
MS-81	SG-1B STEAM RELEASE PATH TO RHR CHECK VALVE MS-81	SFGB	756	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1	1.27E-14
MS-82	SG-1C STEAM RELEASE PATH TO RHR CHECK VALVE MS-82	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Pressure	0d. Other - check valve or manual valve	OP	NO	DRY	HOT	Yes			1	1.27E-14
NRV-1MS-101A	1A SG NON RETURN VALVE, NRV-MS-101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8B. Solenoid Valves	MSI	NO	DRY	HOT	Yes			1	#N/A
NRV-1MS-101B	1B SG NON RETURN VALVE NRV-MS-101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8B. Solenoid Valves	MSI	NO	DRY	HOT	Yes			1	#N/A
NRV-1MS-101C	1C SG NON RETURN VALVE NRV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8B. Solenoid Valves	MSI	NO	DRY	HOT	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PCV-1GN-108	(NITROGEN) PRESSURE REDUCING VALVE PCV-GN-108 for (PCV-1RC-455D)	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes		Nitrogen system replaced in entirety, May 1998	1.0002	8.64E-07
PCV-1GN-109	(NITROGEN) PRESSURE REDUCING VALVE PCV-GN-109 (PCV-1RC-455C)	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes		Nitrogen system replaced in entirety, May 1998	1.0025	8.96E-06
PCV-1IA-108	INSTR AIR PRESS CONT PRESS CONTROL VALVE PCV-IA-108 for (PCV-1RC-455D)	RCBX	767	OUTSIDE CRANE WALL		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	7.01E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PCV-1IA-109	PRESS CONTROL VALVE PCV-IA-109 for (PCV-1RC-455C) INSTR AIR PRESS CONT	RCBX	767	OUTSIDE CRANE WALL		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0892	4.78E-06
PCV-1IA-117	PRESS CONTROL VALVE PCV-IA-117	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	7.02E-07
PCV-1MS-101A	1A SG ATM STEAM DUMP VALVE PCV-MS-101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	SGPORV	NO	DRY	HOT	Yes			1.0005	1.44E-06
PCV-1MS-101B	1B SG ATM STEAM DUMP VALVE PCV-MS-101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	SGPORV	NO	DRY	HOT	Yes			1.0003	7.65E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PCV-1MS-101C	1C SG ATM STEAM DUMP VALVE PCV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	SGPORV	NO	DRY	HOT	Yes			1.0003	7.65E-07
PCV-1RC-455A	PZR SPRAY VALVE PCV-RC-455A	RCBX	738	NEAR PZR		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			1	4.3E-11
PCV-1RC-455B	PZR SPRAY VALVE PCV-RC-455B	RCBX	738	NEAR PZR		PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes			1	4.3E-11
PCV-1RC-455C	PZR PORV PCV-RC-455C	RCBX	767	PRZR CUB ---- OUT. CRANE WALL NEXT TO ACCUMULATOR		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.4243	0.000971
PCV-1RC-455D	PZR PORV PCV-RC-455D	RCBX	767	PRESSURIZER CUBICLE	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.3999	0.000699
PCV-1RC-456	PZR PORV PCV-RC-456	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.3999	0.000699

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PCV-CC-101	CNMT AIR COMPR CHILLED WATER SUP PRESS CONT	RCBX	718	REACTOR CONTAINMENT BUILDING	Screens 1, 2, 3, 4a, 4b,4c	IPEEE SSEL	Cat 1	NO	Air	7. Pneumatic-Operated Valves	IAC	YES	DAMP	HOT	Yes			#N/A	#N/A
PCV-RW-130A	SEAL WATER PCV FOR RP RW PP (1WR-P-1A)	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
PCV-RW-130B	SEAL WATER PCV FOR RP RW PP (1WR-P-1C)	INTS	705	Intake Structure Pump Cubicle 3 ©		IPEEE SSEL	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
PNL-1MS-101A	(PCV-MS-101A) INSTRUMENT PANEL	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	HOT	Yes			#N/A	#N/A
PNL-1MS-101B	(PCV-MS-101B) INSTRUMENT PANEL	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	HOT	Yes			#N/A	#N/A
PNL-1MS-101C	(PCV-MS-101C) INSTRUMENT PANEL	SFGB	751	MAIN STEAM VALVE ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-AC1-BUS-1E	AC BUS PANEL 1E	SRVB	713	RELAY ROOM --WEST WALL	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-BUS-1F	AC BUS	SRVB	713	RELAY ROOM --WEST WALL		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-E1	AC DISTRIBUTION PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-E2	AC DISTRIBUTION PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-E3	AC DISTRIBUTION PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-E4	AC DISTRIBUTION PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-INST-1	AC DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM BEHIND VB-A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-INST-2	AC DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM BEHIND VB-A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-AC1-INST-3	AC DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM BEHIND VB-A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AMSAC	ANTICIPATED TRANSIENT W/O SCRAM MITIGA	SRVB	713	PROCESS RACK RM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-BLDG-SER	BUILDING SERVICE PANEL	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-BLDG-SERV	PNL-BLDG-SERV; Building services panel	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
PNL-DC1-2	DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-2-35	Breaker 8-35 PZR PWR RELIEF VALVE PCV-1	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-DC1-3	DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-3-1	Breaker 8-1 125V DC CONTROL BREAKER FOR	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-3-18	Breaker 8-18 125V DC CONTROL BREAKER FOR	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-3-20	Breaker 8-20 125V DC CONTROL BREAKER FOR	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-DC1-3-34	Breaker 8-34 PZR PORVS AND RX VESSEL FLA	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-6	DISTRIBUTION PANEL	SRVB	713	COMMUNICATIONS EQ & RELAY ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-7	DISTRIBUTION PANEL	SRVB	713	COMMUNICATIONS EQ & RELAY ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DGEA-1	DIESEL GENERATOR EXCITATION AUX RELAY	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DGEA-2	DIESEL GENERATOR EXCITATION AUX RELAY	DGBX	735	DG ROOM TRAIN B		Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DG-SEQ-1	EDG #1 AUTOMATIC SEQUENCER PNL-DG-SEQ-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	4KV	20a. Instrument and Control Panels - housed in panel/cabinet	4kv	NO	DRY	COOL	Yes			1.7747	0.002387

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-DG-SEQ-2	EDG #2 AUTOMATIC SEQUENCER PNL-DG-SEQ-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	20a. Instrument and Control Panels - housed in panel/cabinet	4kv	NO	DRY	COOL	Yes			1.8397	0.002587
PNL-DIGEN-1	D/G #1 ELECTRIC CONTROL CABINET	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DIGEN-1A	EXCITATION CONTROL CABINET - EMERGENCY D	DGBX	735	DG ROOM TRAIN A		Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DIGEN-2	D/G #2 ELECTRIC CONTROL CABINET	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DIGEN-2A	EXCITATION CONTROL CABINET - EMERGENCY	DGBX	735	DG ROOM TRAIN B		Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-ISOL-R	RVLIS LOOP TM-RC-433B ISOLATION EQUIPMEN	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-ISOL-W	RVLIS LOOP TM-RC-433C ISOLATION EQUIPMEN	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-19	DIESEL GENERATOR #1 PROTECTION RELAY P	SRVB	713	COMMUNICATIONS EQ & RELAY ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-22	DIESEL GENERATOR #2 PROTECTION RELAY P	SRVB	713	COMMUNICATIONS EQ & RELAY ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-31	AUX RELAY PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-32	RELAY PANEL 32	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-REL-33	AUX RELAY PANEL 33	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-34	AUX RELAY PANEL 34	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-35	RELAY PANEL 35	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-36	RELAY PANEL 36	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-37	RELAY PANEL 37	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-38	RELAY PANEL 38	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-42	7300 SERIES DIGITAL ISOL EQPT CAB WITH	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-REL-43	RELAY ISOLATION PNL FOR COMPUTER	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-REL-DGI	DIESEL GENERATOR ISOLATION RELAY PANEL	DGBX	735	DG ROOM TRAIN A---#2 ROOM		Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-SHUTDN	EMERGENCY SHUTDOWN PANEL, A & B TRAINS	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-VITBUS1-1	VITAL BUS CHANNEL I (RED); BUS	SRVB	735	CONTROL ROOM		PRA Model	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			3.3133	0.000663

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-VITBUS1-1-31	CIRCUIT BREAKER CB31 FROM STATIC SWITCH TO VITAL BUS I TRANSFERS	SRVB	735	CONTROL ROOM		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			3.3132	0.000215
PNL-VITBUS1-2	VITAL BUS CHANNEL II (WHITE); BUS	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.8855	0.00033
PNL-VITBUS1-2-31	CIRCUIT BREAKER CB31 FROM STATIC SWITCH TO VITAL BUS II TRANSFER	SRVB	735	CONTROL ROOM		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.8854	0.000107

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PNL-VITBUS1-3	VITAL BUS CHANNEL III (BLUE); BUS	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.2282	0.000242
PNL-VITBUS1-3-31	CIR BKR CB31 FROM STATIC SWITCH TO VITAL BUS III	SRVB	735	CONTROL ROOM		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.2282	7.86E-05
PNL-VITBUS1-4	VITAL BUS CHANNEL IV (YELLOW); BUS	SRVB	735	CONTROL ROOM		PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.2113	0.00019
PNL-VITBUS1-4-31	CIR BKR CB31 FROM STATIC SWITCH TO VITAL BUS IV	SRVB	735	CONTROL ROOM		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.2113	6.15E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PS-1CC-101	PRESSURE SWITCH PS-CC-101	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	SW/CCW	18. Instrument (on) Racks	CCR	NO	DRY	COOL	Yes			1.0001	1.59E-07
PS-1CC-102	REACTOR PLANT COMPONENT COOL- ING DISCH HDR PRESS SWITCH, PRESSURE SWITCH PS-CC-102	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	18. Instrument (on) Racks	CCR	NO	DRY	COOL	Yes			1.0003	3.48E-07
PT-1RC-402	REACTOR COOLANT WIDE RANGE PRESSURE, PT-RC-402	RCBX	718	OUTSIDE CRANEWALL		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	RHR	YES	DAMP	HOT	Yes			1	0
PT-1RC-403	REACTOR COOLANT WIDE RANGE PRESSURE, PT-RC-403	RCBX	692	701 KEYWAY WALL	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
PT-1RW-113A	PRI.CMP.CL. WTR.HT.EX. IN, PRESS TRANSMITTER PT-RW-113A	AXLB	735	PRIMARY AUX. BLDG 735'6"-- CCR HX INLET HDR	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	18. Instrument (on) Racks	RW	NO	DRY	COOL	Yes			2.1701	0.001382
PT-1RW-113B	PRESS TRANSMITTER PT-RW-113B	AXLB	735	PRIMARY AUX. BLDG 735'6"-- RW INLET TO CCR HTX'S		PRA Model	Cat 1	NO	SW/CCW	18. Instrument (on) Racks	RW	NO	DRY	COOL	Yes			1	1.83E-08
QS-1	QUENCH SPRAY PP 1A SUCT ISOL TRAIN A MANUAL VALVE QS-1	CABX	735	CHEMICAL ADDITION BUILDING NEAR RWST AND ----- QUENCH SPRAY PUMP 1A		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
QS-2	QUENCH SPRAY PP 1B SUCT ISOL TRAIN B MANUAL VALVE QS-2	CABX	735	CHEMICAL ADDITION BUILDING NEAR RWST AND ----- QUENCH SPRAY PUMP 1B		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	NO	DRY	COOL	Yes			1.3197	8.43E-06
QS-3	1A QS PP DISCH CHECK VALVE QS-3	RCBX	727	OUTSIDE CRANE WALL W 730		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	YES	DAMP	HOT	Yes			1.0022	#N/A
QS-4	1B QS PP DISCH CHECK VALVE QS-4	RCBX	707	QS CHECK VALVE		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	YES	DAMP	HOT	Yes			1.3175	2.55E-05
QS-5	1A QS PP DISCH ISOL MANUAL VALVE QS-5	RCBX	767	OUTSIDE CRANE WALL E		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	YES	DAMP	HOT	Yes			#N/A	#N/A
QS-6	1B QS PP DISCH ISOL MANUAL VALVE QS-6	RCBX	738	OUTSIDE CRANE W 743		PRA & IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	QS	YES	DAMP	HOT	Yes			1.3197	4.97E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
QS-P-1A	1A QUENCH SPRAY PUMP QS-P-1A	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Containment	5. Horizontal Pumps	QS	NO	DRY	COOL	Yes	ECP 07-0203 strainer replaced		1.0022	#N/A
QS-P-1B	QUENCH SPRAY PUMP QS-P-1B	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	Containment	5. Horizontal Pumps	QS	NO	DRY	COOL	Yes	ECP 07-0203 strainer replaced		1.3175	0.000975
QS-TK-1	RWST QS-TK-1	YARD	735	EAST OF CHEM ADD BUILDING		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY/WET	WARM/COOL	NO			482.2	0.000202
REAC-TR-SWGR-1A	REACTOR TRIP SWGR	SRVB	713	MOTOR GENERATOR ROOM	Screens 1, 2, 3, 4a, 4b,4d	Fire Panels	Cat 1	NO	Reactivity	2. Low Voltage Switchgear and Breaker Panels	RPS	NO	DRY	COOL	Yes	Reclosing Reactor Trip Breaker BV-52-RTA and RTB Under Test, ECP 08-0134-001 and 002		#N/A	#N/A
REJ-1CC-16A	EXPANSION JOINT REJ-CC-16A RUPTURES	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
REJ-1CC-16B	EXPANSION JOINT REJ-CC-16B RUPTURES	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-1CC-16C	EXPANSION JOINT REJ-CC-16C RUPTURES	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1.0019	1.87E-06
REJ-1RW-18A	RW CC-E-1A IN EXPANSION JOINT REJ-RW-18A	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1	2.38E-12
REJ-1RW-18B	RW CC-E-1B IN EXPANSION JOINT REJ-RW-18B	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1	3.12E-13
REJ-1RW-18C	RW CC-E-1C IN EXPANSION JOINT REJ-RW-18C	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	CCR	NO	DRY	COOL	Yes			1	3.11E-13
REJ-1RW-27A	VLV PIT ENTRANCE EXPANSION JOINT REJ-RW-27A	VLVP	735	PIT UNDER ROAD 724		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	NO			6.4501	1.85E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-1RW-27B	VLV PIT ENTRANCE EXPANSION JOINT REJ-RW-27B	VLVP	735	PIT UNDER ROAD 725		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	NO			4.4304	1.17E-06
REJ-1RW-4A1	SCREENWELL EXIT EXPANSION JOINT REJ-RW-4A1	INTS	705	OUTSIDE PIT		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	COOL	Yes			6.4501	1.85E-06
REJ-1RW-4A2	AUX BLDG ENTRANCE EXPANSION JOINT REJ-RW-4A2	SWBX	722	SWBX BUILDING FLOOR 722		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			181.89	6.15E-05
REJ-1RW-4B1	SCREENWELL EXIT EXPANSION JOINT REJ-RW-4B1	INTS	705	PIT 666		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	COOL	Yes			4.4304	1.17E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-1RW-4B2	AUX BLDG ENTRANCE EXP JOINT EXPANSION JOINT REJ-RW-4B2	SWBX	722	SWBX BUILDING FLOOR 722		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			144.41	4.87E-05
REJ-1RW-6A	WR-P-1A DISCH EXPANSION JOINT REJ-RW-6A	INTS	705	Intake Structure Pump Cubicle 1 (A)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	WARM	Yes			1.5809	1.97E-07
REJ-1RW-6B	WR-P-1B DISCH EXPANSION JOINT REJ-RW-6B	INTS	705	INTAKE STRUCTURE OUTSIDE OF CUBICLES		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	COOL	Yes			1.2516	8.55E-08
REJ-1RW-6C	EXPANSION JOINT REJ-RW-6C RUPTURES	INTS	705	INTAKE STRUCTURE OUTSIDE OF CUBICLES		PRA Model	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	COOL	Yes			1.1931	6.56E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-1RW-7A	RW RS-E-1A IN EXPANSION JOINT REJ-RW-7A	SFGB	722	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0. other	RSS	NO	DRY	COOL	Yes			1.0008	1.24E-10
REJ-1RW-7B	RW RS-E-1B IN EXPANSION JOINT REJ-RW-7B	SFGB	722	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0. other	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
REJ-1RW-7C	RIVER WATER RS-E-1C IN EXPANSION JOINT REJ-RW-7C	SFGB	722	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0. other	RSS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-1RW-7D	RW RS-E-1D IN EXPANSION JOINT REJ-RW-7D	SFGB	722	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0. other	RSS	NO	DRY	COOL	Yes			1.1704	2.77E-08
REJ-RW-24A	MOV-RW-103A & B COMB OUT EXP JOINT	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			#N/A	#N/A
REJ-RW-24B	MOV-RW-103C & D COMB OUT EXP JOINT	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-RW-25A	RS-E-1A & C COMB IN EXP JOINT	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			#N/A	#N/A
REJ-RW-25B	RS-E-1B & D COMB IN EXP JOINT	SFGB	732	PIPE TUNNEL CABLE VAULT & WEST SAFEGUARDS BUILDING GENERAL AREAS		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DRY	COOL	Yes			#N/A	#N/A
REJ-RW-9A	MOV-RW-113A OUT EXP JOINT	DGBX	735	DG ROOM TRAIN A		IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0006	5.06E-07
REJ-RW-9B	MOV-RW-113B OUT EXP JOINT	DGBX	735	DG ROOM TRAIN A		IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0006	5.06E-07
REJ-RW-9C	MOV-RW-113C OUT EXP JOINT	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0007	5.47E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
REJ-RW-9D	MOV-RW-113D1 IN EXP JOINT	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0. other	4kv	NO	DRY	COOL	Yes			1.0007	5.47E-07
RH-1	A PP SUCT ISOL MANUAL VALVE RH-1	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-10	B HX OUT ISOL MANUAL VALVE RH-10	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-2	B PP SUCT ISOL MANUAL VALVE RH-2	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-3	A PP DISCH CHECK VALVE RH-3	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-4	B PP DISCH CHECK VALVE RH-4	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RH-5	A PP DISCH ISOL MANUAL VALVE RH-5	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-6	B PP DISCH ISOL MANUAL VALVE RH-6	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-7	A HX IN ISOL MANUAL VALVE RH-7	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-8	B HX IN ISOL MANUAL VALVE RH-8	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-9	A HX OUT ISOL MANUAL VALVE RH-9	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	RHR	YES	DAMP	HOT	Yes			1	0
RH-E-1A	RESIDUAL HEAT RE - MOVAL HEAT EXCH	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	21. Tanks and Heat Exchangers	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RH-E-1B	RESIDUAL HEAT RE - MOVAL HEAT EXCH	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	21. Tanks and Heat Exchangers	RHR	YES	DAMP	HOT	Yes			1	0
RH-P-1A	RHR PUMP RH-P-1A	RCBX	707	RHR PLATFORM	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	RHR	YES	DAMP	HOT	Yes	ECP-02-0258-001 coupling retrofit modification, ECP 02-0258-002 piping modifications		1	0
RH-P-1B	RESIDUAL HEAT REMOVAL PUMP RH-P-1B	RCBX	707	RHR PLATFORM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	RHR	YES	DAMP	HOT	Yes			1	0
RK-1PRI-PROC-1	PRIMARY PROCESS RACK 1	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-10	PRIMARY PROCESS RACK 10	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-11	PRIMARY PROCESS RACK 11	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-12	PRIMARY PROCESS RACK 12	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b,4d	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-13	PRIMARY PROCESS RACK 13	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-14	PRIMARY PROCESS RACK 14	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-15	PRIMARY PROCESS RACK 15	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-16	PRIMARY PROCESS RACK 16	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-17	PRIMARY PROCESS RACK 17	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-18	PRIMARY PROCESS RACK 18	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-19	PRIMARY PROCESS RACK 19	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-2	PRIMARY PROCESS RACK 2	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-20	PRIMARY PROCESS RACK 20	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-21	PRIMARY PROCESS RACK 21	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-22	PRIMARY PROCESS RACK 22	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-23	PRIMARY PROCESS RACK 23	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-24	PRIMARY PROCESS RACK 24	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-25	PRIMARY PROCESS RACK 25	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-26	PRIMARY PROCESS RACK 26	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-27	PRIMARY PROCESS RACK 27	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-28	PRIMARY PROCESS RACK 28	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-29	PRIMARY PROCESS RACK 29	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-3	PRIMARY PROCESS RACK 3	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-30	PRIMARY PROCESS RACK 30	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-31	PRIMARY PROCESS RACK 31	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-34	PRIMARY PROCESS RACK 34	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-35	PRIMARY PROCESS RACK 35	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-4	PRIMARY PROCESS RACK 4	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-5	PRIMARY PROCESS RACK 5	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-6	PRIMARY PROCESS RACK 6	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-7	PRIMARY PROCESS RACK 7	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1PRI-PROC-8	PRIMARY PROCESS RACK 8	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1PRI-PROC-9	PRIMARY PROCESS RACK 9	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-A	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-B	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-C	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-D	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-E	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-1SEC-PROC-G	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-H	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-1SEC-PROC-M	SECONDARY PROCESS RACK	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-AUX-RPTST-A	AUXILIARY SAFEGUARDS CABINET TRAIN A	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-AUX-RPTST-A-ROP-A	LETDOWN ORIFICE ISOLATION VALVE TV-1CH-200A MANUAL OPEN RELAY	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	Containment	20a. Instrument and Control Panels - housed in panel/cabinet	CIS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-AUX-RPTST-B	AUXILIARY SAFEGUARDS CABINET TRAIN B	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-NUC-INS-1	NUCLEAR INSTRUMENTATION RACK	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-NUC-INS-2	NUCLEAR INSTRUMENTATION RACK	SRVB	735	CONTROL ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-REAC-PROT-A	SOLID STATE PROTECTION SYSTEM CABINET	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-REAC-PROT-B	SOLID STATE PROTECTION SYSTEM CABINET	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-REC-P-TST-A	REACTOR PROTECTION TEST RACK TRAIN 'A'	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RK-REC-P-TST-B	REACTOR PROTECTION TEST RACK TRAIN 'B'	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-VV-REL-A	STOP VALVE RELAY RACK A	SRVB	713	PROCESS INSTRUMENTATION ROOM		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Installed tie-plates between top of panel and adjacent one, missing bolts and screw, original SQUG	#N/A	#N/A
RK-VV-REL-B	STOP VALVE RELAY RACK B	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b,4e	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Installed tie-plates between top of panel and adjacent one, missing bolts and screw, original SQUG	#N/A	#N/A
RO-QS-100A	QUENCH PUMP 1A CUT BACK ORIFICE	SFGB	735	W AREA		IPEEE SSEL	Cat 1	NO	Containment	0. other	QS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RO-QS-100B	QUENCH PUMP 1B CUT BACK ORIFICE	SFGB	735	W AREA		IPEEE SSEL	Cat 1	NO	Containment	0. other	QS	NO	DRY	COOL	Yes			#N/A	#N/A
RS-100	2A OUTSIDE RECIRC SPRAY PP DISCH CHECKVALVE RS-100	RCBX	727	OUTSIDE CRANE WALL W 730		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	YES	DAMP	HOT	Yes			1.0014	#N/A
RS-101	2B OUTSIDE RECIRC SPRAY PP DISCH CHECK VALVE RS-101	RCBX	727	OUTSIDE CRANE WALL W 730		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	YES	DAMP	HOT	Yes			1.1689	1.36E-05
RS-E-1A	RECIRC SPRAY HEAT EXCHANGER RS-E-1A	RCBX	718	RECIRC SPRAY CLRS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	RSS	YES	DAMP	HOT	Yes			1.0008	1.24E-08
RS-E-1B	RECIRC SPRAY HEAT EXCHANGER RS-E-1B	RCBX	718	RECIRC SPRAY CLRS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RS-E-1C	RECIRC SPRAY HEAT EXCHANGER RS-E-1C	RCBX	718	RECIRC SPRAY CLRS		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A
RS-E-1D	RECIRC SPRAY HEAT EXCHANGER RS-E-1D	RCBX	718	RECIRC SPRAY CLRS	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	RSS	YES	DAMP	HOT	Yes			1.1704	2.76E-06
RSHDR1AN OZZLES	INSIDE RECIRCULATION SPRAY HEADER NOZZLES 1A	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	0. other	RSS	YES	DAMP	HOT	Yes			1.0008	3.13E-07
RSHDR1BN OZZLES	INSIDE RECIRCULATION SPRAY HEADER 1B NOZZLES	RCBX	767	OUTSIDE CRANE WALL		PRA Model	Cat 1	NO	Inventory	0. other	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A
RSHDR2AN OZZLES	RECIRC SPRAY HEADER NOZZLES	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	0. other	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RSHDR2BN OZZLES	RECIRC SPRAY HEADER NOZZLES	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	0. other	RSS	YES	DAMP	HOT	Yes			1.1704	6.99E-05
RS-P-1A	INSIDE RECIR. PUMP RS-P-1A	RCBX	692	AT CNMT SUMP	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	RSS	YES	DAMP	HOT	Yes			1.0008	4.82E-06
RS-P-1B	INSIDE RECIR. PUMP RS-P-1B	RCBX	692	AT CNMT SUMP		PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A
RS-P-2A	OUTSIDE RECIRCULAT ION PUMP TRAIN A RS-P-2A	SFGB	732	A RS PMP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	RSS	NO	DRY	COOL	Yes			1.0014	#N/A
RS-P-2B	OUTSIDE RECIRCULAT ION SPRAY PUMP RS-P-2B	SFGB	732	B RS PMP CUB	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	6. Vertical Pumps	RSS	NO	DRY	COOL	Yes			1.1689	0.001118
RS-SSC-101	CONTAINME NT SUMP SCREEN RS-SSC-101	RCBX	692	REACTOR CONTAINMENT BUILDING (690)		PRA Model	Cat 1	NO	Inventory	0. other	RSS	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RV-1CC-116A	RELIEF VALVE RV-CC-116A	RCBX	738	A RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1CC-116B	RELIEF VALVE RV-CC-116B	RCBX	738	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1CC-116C	RELIEF VALVE RV-CC-116C	RCBX	738	C RCP MOTOR CUB		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1CC-270	RELIEF VALVE RV-CC-270	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1CC-271	RELIEF VALVE RV-CC-271	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1CC-275	RELIEF VALVE RV-CC-275	RCBX	718	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	1.59E-06
RV-1FW-155	(1FW-P-2) RECIRC RELIEF VALVE RV-FW-155	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0415	5.41E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RV-1GN-108	(PCV-1RC-455D) NITROGEN RELIEF VALVE RV-GN-108	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes		Nitrogen system replaced in entirety, May 1998	1.0131	1.71E-07
RV-1GN-109	(PCV-1RC-455C) NITROGEN RELIEF VALVE RV-GN-109	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes		Nitrogen system replaced in entirety, May 1998	1.0892	1.16E-06
RV-1GN-117	RELIEF VALVE RV-GN-117	RCBX	767	--MAP 103401 18F 7 FT UP OUT CW		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.71E-07
RV-1GN-118	RELIEF VALVE RV-GN-118	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 09-0449 - replace relief valve		1.0002	3.14E-09
RV-1GN-119	RELIEF VALVE RV-GN-119	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 09-0449-01 - replace relief valve		1.0002	3.12E-09
RV-1GN-120	RELIEF VALVE RV-GN-120	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 09-0449 - replace relief valve		1.0025	3.24E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RV-1IA-108	RELIEF VALVE RV-IA-108	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.71E-07
RV-1IA-109	RELIEF VALVE RV-IA-109	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0892	1.16E-06
RV-1IA-117	RELIEF VALVE RV-IA-117	RCBX	767	REACTOR CONTAINMENT BUILDING		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.71E-07
RV-1RC-551A	SAFETY VALVE RV-RC-551A	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 05-0110 replaced		1.2074	0.000564
RV-1RC-551B	SAFETY VALVE RV-RC-551B	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 05-0110 replaced		1.2074	0.000564
RV-1RC-551C	SAFETY VALVE RV-RC-551C	RCBX	767	PRESSURIZER CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 05-0110 replaced		1.2074	0.000564
RV-1RH-721	RELIEF VALVE RV-RH-721 PREMATULY OPEN	RCBX	692	S OF SI ACC 1C		PRA Model	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	RHR	YES	DAMP	HOT	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RV-1SI-857	BIT RELIEF VALVE RV-SI-857	AXLB	735	PRIMARY AUX. BLDG 735'6"--- IN BIT CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes			1.0881	1.15E-06
RV-1SI-858A	ACCUMULATOR 1A RELIEF VALVE RV-SI-858A	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.53E-06
RV-1SI-858B	ACCUMULATOR 1B RELIEF VALVE RV-SI-858B	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.53E-06
RV-1SI-858C	ACCUMULATOR 1C RELIEF VALVE RV-SI-858C	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	YES	DAMP	HOT	Yes			1.194	2.53E-06
RW-106	RW SUPPLY A HDR CHECK VALVE RW-106	VLVP	735	UNIT 1 RW VLV-PIT		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	NO			6.4501	3.47E-05
RW-107	RW SUPPLY B HDR CHECK VALVE RW-107	VLVP	735	UNIT 1 RW VLV-PIT		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	NO			4.4304	0.000352

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-108	RECIRC SPRAY HXS 1A SUPPLY HDR CHECK VALVE	AXLB	722	PRIMARY AUX. BLDG 722'6"--W SFGD AREA		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			#N/A	#N/A
RW-109	RECIRC SPARY HXS 1B SUPPLY HDR CHECK VALVE	AXLB	722	PRIMARY AUX. BLDG 722'6"--W SFGD AREA		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			#N/A	#N/A
RW-110	DIESEL GEN HX (1EE-E-1A) INLET 1B SUPPLY HDR CHECK	DGBX	735	DG ROOM TRAIN A		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0006	5.06E-07
RW-111	DIESEL GEN HX (1EE-E-1A) INLET 1A SUPPLY HDR CHECK	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0006	5.06E-07
RW-112	DIESEL GEN HX (1EE-E-1B) INLET 1B SUPPLY HDR CHECK	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.47E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-113	DIESEL GEN HX (1EE-E-1B) INLET 1A SUPPLY HDR CHECK	DGBX	735	DG ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.0007	5.47E-07
RW-114	DIESEL GEN HX (1EE-E-1A) OUTLET ISOL MANUAL DISCHARGE VALVE RW-114	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
RW-115	DIESEL GEN HX (1EE-E-1B) OUTLET ISOL MANUAL DISCHARGE VALVE RW-115	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-125	B SUP HDR ISOL OF CHG PP CLRS & AC COND CONT ROOM MANUAL VALVE RW-125	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	0
RW-126	A SUP HDR ISOL OF CHG PP CLRS & AC COND CONT ROOM MANUAL VALVE RW-126	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	0
RW-127	B SUPPLY HDR STRAINER INLET ISOL MANUAL VALVE RW-127	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0757	4.28E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-128	A SUPPLY HDR STRAINER INLET ISOL MANUAL VALVE RW-128	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.3595	2.03E-07
RW-129	MANUAL VALVE RW-129	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	0
RW-130	MANUAL VALVE RW-130	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	0
RW-131	B SUPPLY HDR STRAINER OUTLET ISOL MANUAL VALVE RW-131	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0757	4.28E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-132	A SUPPLY HDR STRAINER OUTLET ISOL MANUAL VALVE RW-132	AXLB	722	PRIMARY AUX. BLDG 722'6"--- NORTH CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.3595	2.03E-07
RW-156	`B` HEADER SUPPLY TO CHARGING PUMPS ISOL MANUAL VALVE RW-156	AXLB	722	PRIMARY AUX. BLDG 722'6"-- BY NORTH SUMP		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0757	4.28E-08
RW-157	CHARGING PUMP COOLER A SUPPLY HEADER ISOL MANUAL VALVE RW-157	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.3595	2.03E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-158	CHARGING PUMP COOLER B SUPPLY HEADER CHECK VALVE RW-158	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0757	3.73E-08
RW-159	CHARGING PUMP COOLER A SUPPLY HEADER CHECK VALVE RW-159	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.3595	1.01E-07
RW-160	CHARGING PUMP (1CH-P-1A) RW SUPPLY A HDR ISOL MANUAL VALVE RW-160	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0018	1.04E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-161	CHARGING PUMP (1CH-P-1B) RW SUPPLY A HDR ISOL MANUAL VALVE RW-161	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
RW-162	CHARGING PUMP (1CH-P-1C) RW SUPPLY A HDR ISOL MANUAL VALVE RW-162	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.001	5.57E-10
RW-163	CHARGING PUMP (1CH-P-1A) RW SUPPLY B HDR ISOL MANUAL VALVE RW-163	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1	3.16E-13

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-164	CHARGING PUMP (1CH-P-1B) RW SUPPLY B HDR ISOL MANUAL VALVE RW-164	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0225	1.28E-08
RW-165	CHARGING PUMP (1CH-P-1C) RW SUPPLY B HDR ISOL MANUAL VALVE RW-165	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0007	3.72E-10
RW-172	CHARGING PUMP (1CH-P-1A) RW RETURN ISOL RW DISCHARGE MANUAL VALVE RW-172	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0096	5.44E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-173	CHARGING PUMP (1CH-P-1B) RW RETURN ISOL RW DISCHARGE MANUAL VALVE RW-173	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.049	2.77E-08
RW-174	CHARGING PUMP (1CH-P-1C) RW RETURN ISOL , RW DISCHARGE MANUAL VALVE RW-174	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NW CORNER OUTSIDE CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			1.0404	2.29E-08
RW-183	PRI CCW HXS (1CC-E-1AB) RW SUP HDR CROSS CONN, RW-183 MANUAL VALVE	AXLB	735	PRIMARY AUX. BLDG 735'6"-- EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			181.78	0.000102

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-184	PRI CCW HXS (1CC-E-1BC) RW SUP HDR CROSS CONN, RW-184 MANUAL VALVE	AXLB	735	PRIMARY AUX. BLDG 735'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			144.32	8.11E-05
RW-185	PRIMARY CCW HX (1CC-E-1A) INLET ISOL, RW MANUAL VALVE RW-185	AXLB	735	PRIMARY AUX. BLDG 735'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	3.97E-12
RW-186	PRIMARY CCW HX (1CC-E-1B) INLET ISOL, RW MANUAL VALVE RW-186	AXLB	735	PRIMARY AUX. BLDG 735'6"-- EAST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.2E-13

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-187	PRIMARY CCW HX (1CC-E-1C) INLET ISOL, RW MANUAL VALVE RW-187	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.18E-13
RW-188	PRIMARY CCW HX (1CC-E-1A) OUTLET ISOL, RW MANUAL VALVE RW-188	AXLB	735	PRIMARY AUX. BLDG 735'6"--WEST CENTRAL		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	3.97E-12
RW-189	PRIMARY CCW HX (1CC-E-1B) OUTLET ISOL, RW MANUAL VALVE RW-189	AXLB	735	PRIMARY AUX. BLDG 735'6"--OUTLET OF CCR HX		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes	ECP 10-0624 & ECP 10-0624-002 temporary flange & ECP 11-0300-001 upgraded valve		1	5.2E-13

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-190	PRIMARY CCW HX (1CC-E-1C) OUTLET ISOL, RW MANUAL VALVE RW-190	AXLB	735	PRIMARY AUX. BLDG 735'6"-- WEST CENTRAL AT CC-E-1C		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1	5.18E-13
RW-193	RECIRC SPRAY HX (1RS-E-1A) INLET CHECK	SFGB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
RW-194	RECIRC SPRAY HX (1RS-E-1C) INLET CHECK	SFGB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
RW-195	RECIRC SPRAY HX (1RS-E-1B) INLET CHECK	SFGB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-196	RECIRC SPRAY HX (1RS-E-1D) INLET CHECK	SFGB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	RSS	NO	DRY	COOL	Yes			#N/A	#N/A
RW-197	RECIRC SPRAY DISCH HDR PARALLEL CHECK VALVE	AXLB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			#N/A	#N/A
RW-198	RECIRC SPRAY DISCH HDR PARALLEL CHECK VALVE	AXLB	722	PIPE TUNNEL		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-206	STEAM GEN AUX FW PP EMER SUPPLY HDR ISOL, MANUAL VALVE RW-206 SUPPLY TO AFW	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	NO	DRY	COOL	Yes			1.0647	3.66E-08
RW-207	STEAM GEN AUX FW PP EMER SUPPLY HDR ISOL, MANUAL VALVE RW-207 SUPPLY TO AFW	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	NO	DRY	COOL	Yes			1.0647	3.66E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-208	STEAM GEN AUX FW PP (1FW-P-2) EMER SUP HDR ISOL ,RW SUPPLY TO AFW PUMPS SUCTION VALVE RW-208	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	NO	DRY	COOL	Yes			1	4.14E-14
RW-209	STEAM GEN AUX FW PP (1FW-P-3A) EMER SUP HDR ISOL, RW SUPPLY TO AFW PUMPS SUCTION VALVE RW-209	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	NO	DRY	COOL	Yes			1	4.14E-14

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-210	STEAM GEN AUX FW PP (1FW-P-3B) EMER SUP HDR ISOL, RW SUPPLY TO AFW PUMPS SUCTION VALVE RW-210	SFGB	735	QS/AFW PUMP ROOM		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	NO	DRY	COOL	Yes			1	4.14E-14
RW-452	A HDR CHG PP LO CLR & CR VNT RW SUP Y-STRN BLDN VLV	AXLB	722	PRIMARY AUX. BLDG 722'6"		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
RW-453	B HDR CHG PP LO CLR & CR VNT RW SUP Y-STRN BLDN VLV	AXLB	722	PRIMARY AUX. BLDG 722'6"		IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-549	CONT AIR RECIRC CLR ALT RW RETURN HDR CHECK	SFGB	722	SAFEGUARDS BUILDING		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
RW-57	RP RW PP (1WR-P-1A) DISCH CHECK RW-57	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			838.02	1.88E-06
RW-58	RP RW PP (1WR-P-1B) DISCH CHECK VALVE RW-58	INTS	705	Intake Structure Pump Cubicle 2 (B)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			838.02	1.85E-05
RW-59	CHECK VALVE RW-59	INTS	705	Intake Structure Pump Cubicle 3 (C)		PRA Model	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			838.02	4.74E-06
RW-645	CCR HX OUTLET TO BLOWDOWN, RW MANUAL VALVE RW-645	AXLB	735	PRIMARY AUX. BLDG 735'6"--NEAR CCR HX		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	CCR	NO	DRY	COOL	Yes			1.0001	7.14E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-646	CHARGING PUMP OIL COOLERS DISCH TO BLOWDOWN, COMMON RW COOLING DISCHARGE MAN VALVE RW-646	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NEAR STRAINERS OF MOV-RW-103C OVHD		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			10.488	5.37E-06
RW-65	RP RW PP SEAL WTR REGULATOR (PCV-1RW-130A) INLET ISOL	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-66	RP RW PP SEAL WTR REGULATOR (PCV-1RW-130B) INLET ISOL	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-661	SEAL WATER ISOLATION TO (1WR-P-1A)	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-664	SEAL WATER ISOLATION TO (1WR-P-1B)	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-675	SEAL WATER BACKFLOW CHECK VALVE FOR (1WR-P-1A)	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-676	SEAL WATER BACKFLOW CHECK VALVE FOR (1WR-P-1B)	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-71	(PCV-1RW-130A) OUTLET ISOLATION	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-72	(PCV-1RW-130B) OUTLET ISOLATION	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-815	MANUAL VALVE RW-815	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.7747	4.38E-07
RW-816	MANUAL VALVE RW-816	DGBX	735	DG ROOM TRAIN B		PRA Model	Cat 1	NO	4KV	0d. Other - check valve or manual valve	4kv	NO	DRY	COOL	Yes			1.8397	4.75E-07
RW-95	SEAL WATER TO RP RW PP (1WR-P-1A) CHECK VALVE	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-96	SEAL WATER TO RP RW PP (1WR-P-1B) CHECK VALVE	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-97	SEAL WATER TO RP RW PP (1WR-P-1C) CHECK VALVE	INTS	705	Intake Structure Pump Cubicle 3 (C)		IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-YS-16	Y-STRAINER ON INLET OF VS-P-3A	AXLB	722	PRIMARY AUX. BLDG 722'6"		IPEEE SSEL	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
RW-YS-16A	RIVER WATER TRAIN A STRAINER RW-YS-16A	AXLB	722	PRIMARY AUX. BLDG 722'6"		PRA Model	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			1.3595	2.12E-05
RW-YS-16B	RIVER WATER TRAIN A STRAINER RW-YS-16B	AXLB	722	PRIMARY AUX. BLDG 722'6"		PRA Model	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			1	1.11E-16
RW-YS-18	Y-STRAINER ON INLET OF VS-P-3B	AXLB	722	PRIMARY AUX. BLDG 722'6"-- NORTH CENTRAL HALL		IPEEE SSEL	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
RW-YS-18A	RIVER WATER TRAIN B STRAINER RW-YS-18A	AXLB	722	PRIMARY AUX. BLDG 722'6"		PRA Model	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			1.0757	4.46E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
RW-YS-18B	RIVER WATER TRAIN B STRAINER RW-YS-18B	AXLB	722	PRIMARY AUX. BLDG 722'6"		PRA Model	Cat 1	NO	Inventory	0. other	HHSI	NO	DRY	COOL	Yes			1	0
RW-YS-40	WR-P-1A SEAL WATER Y-STRAINER	INTS	705	Intake Structure Pump Cubicle 1 (A)		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-YS-41	WR-P-1B SEAL WATER Y-STRAINER	INTS	705	Intake Structure Pump Cubicle 2 (B)		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
RW-YS-42	WR-P-1C SEAL WATER STRAINER	INTS	705	Intake Structure Pump Cubicle 3 (C)		IPEEE SSEL	Cat 1	NO	SW/CCW	0. other	RW	NO	DAMP	WARM	Yes			#N/A	#N/A
SAF-SW-64	VITAL BUS INVERTER #2 AC POWER DISCONNECT SWITCH SAF-SW-64	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	120V	20. Instrument and Control Panels	120V	NO	DRY	COOL	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SAF-SW-65	VITAL BUS INVERTER #1,AC POWER DISCONNECT SWITCH SAF-SW-65	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	20. Instrument and Control Panels	120V	NO	DRY	COOL	Yes			1	#N/A
SAF-SW-66	VITAL BUS INVERTER #4, AC POWER DISCONNECT SWITCH SAF-SW-66 T	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	120V	20. Instrument and Control Panels	120V	NO	DRY	COOL	Yes			1	9.44E-15
SAF-SW-67	VITAL BUS INVERTER #2,AC POWER DISCONNECT SWITCH SAF-SW-67	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	120V	20. Instrument and Control Panels	120V	NO	DRY	COOL	Yes			1	1.21E-14
SDSEAL	SHUTDOWN SEAL TO ACTUATE FOLLOWING LOSS OF ALL SEAL COOLIN	RCBX	718	A RCP CUBICLE		PRA Model	Cat 1	NO	Inventory	0. other	RCP	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-1	CNMT SUMP TO LHSI PP 1A CHECK VALVE SI-1	SFGB	722	VLV PIT 688		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.0008	#N/A
SI-10	LOOP 3 COLD LEG LHSI SUP CHECK VALVE SI-10	RCBX	718	WALKWAY AT LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSISUP	YES	DAMP	HOT	Yes			7.1438	0.000473
SI-100	LOOP 1 COLD LEG HHSI SUP CHECKVALVE SI-100	RCBX	738	1A LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.0036	2.78E-07
SI-101	LOOP 2 COLD LEG HHSI SUP CHECK VALVE SI-101	RCBX	738	1B LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.0036	2.78E-07
SI-102	LOOP 3 COLD LEG HHSI SUP CHECK VALVE SI-102	RCBX	738	1C LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.0036	2.78E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-11	LOOP 2 COLD LEG LHSI SUP CHECKVALV E SI-11	RCBX	738	WALKWAY 729 AT LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSISUP	YES	DAMP	HOT	Yes			7.1438	0.000473
SI-115	BORON INJ RECIRC PP 3A DISCH CHECK VALVE SI-115	AXLB	735	PRIMARY AUX. BLDG 735'6" -- INSIDE PUMP ENCLOSURE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1.0003	1.36E-07
SI-116	BORON INJ RECIRC PP 3B DISCH CHECK VALVE SI-116	AXLB	735	PRIMARY AUX. BLDG 735'6" -- INSIDE PUMP ENCLOSURE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1.0003	1.36E-07
SI-12	LOOP 1 COLD LEG LHSI SUP CHECK VALVE SI-12	RCBX	738	WALKWAY 729 AT LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSISUP	YES	DAMP	HOT	Yes			7.1438	0.000473
SI-13	CHECK VALVE SI-13	RCBX	707	OUTSIDE CRANE WALL W 717		PRA Model	Cat 1	NO	Containment	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1	1.82E-09
SI-14	CHECK VALVE SI-14	RCBX	707	OUTSIDE CRANE WALL W 718		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1	1.82E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-15	CHECK VALVE SI-15	RCBX	692	AT 1B SI ACC		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05
SI-16	CHECK VALVE SI-16	RCBX	692	AT 1B SI ACC		PRA Model	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05
SI-17	CHECK VALVE SI-17	RCBX	692	AT 1C SI ACC		PRA Model	Cat 1	NO	Containment	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05
SI-2	CNMT SUMP TO LHSI PP 1B CHECK VALVE SI-2	SFGB	722	VLV PIT 688		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.2952	2.36E-05
SI-20	CHECK VALVE SI-20	RCBX	738	1A LOOP CUB		PRA Model	Cat 1	NO	Containment	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05
SI-21	CHECK VALVE SI-21	RCBX	718	AT 1B LOOP CUB		PRA Model	Cat 1	NO	Containment	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05
SI-22	CHECK VALVE SI-22	RCBX	738	1C LOOP CUB		PRA Model	Cat 1	NO	Containment	0d. Other - check valve or manual valve	LHSIHLI	YES	DAMP	HOT	Yes			1.2072	1.59E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-23	LOOP 1 COLD LEG SI SUP CHECK VALVE SI-23	RCBX	738	1A LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			19.026	0.00138
SI-24	LOOP 2 COLD LEG SI SUP CHECK VALVE SI-24	RCBX	718	AT 1B LOOP CUB	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			19.026	0.00138
SI-25	LOOP 3 COLD LEG SI SUP CHECK VALVE SI-25	RCBX	738	1C LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			19.026	0.00138
SI-26	CHG AND HYDRO TEST PPS RWST SUP ISOL, MANUAL VALVE SI-26	SFGB	722	NW BSMT		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			9.3052	4.7E-06
SI-27	CHG PP RWST SUP CHECK VALVE SI-27	AXLB	722	PRIMARY AUX. BLDG 722'6"--- 730 ABV NW DOORWAY		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	NO	DRY	COOL	Yes			9.3051	0.000663

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-28	LHSI PP 1B MIN FLOW LINE CHECK, MINI FLOW CHECK VALVE SI-28	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.3051	3.55E-05
SI-29	LHSI PP 1A MIN FLOW LINE CHECK, MINI FLOW CHECK VALVE SI-29	SFGB	747	VALVE PIT W 749		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.1491	1.13E-05
SI-30	LHSI PP SUCT HDR RWST SUP ISOL, MANUAL VALVE SI-30	SFGB	732	W BSMT - IN PIT		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			20.419	0.000178
SI-48	SI ACC 1A DISCH CHECK VALVE SI-48	RCBX	692	AT ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05
SI-49	SI ACC 1B DISCH CHECK VALVE SI-49	RCBX	692	--AT ACC 1-RCBX-692 -		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-5	LHSI PP SUCT HDR RWST SUP CHECK VALVE SI-5	SFGB	735	N IN VLV PIT		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			20.419	0.001552
SI-50	SI ACC 1C DISCH CHECK VALVE SI-50	RCBX	692	--AT ACC 1-RCBX-692 -		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05
SI-51	LOOP 1 COLD LEG SI ACC CHECK VALVE SI-51	RCBX	738	1A LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05
SI-52	LOOP 2 COLD LEG SI ACC CHECK VALVE SI-52	RCBX	738	1B LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05
SI-53	LOOP 3 COLD LEG SI ACC CHECK VALVE SI-53	RCBX	738	1C LOOP CUB		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.194	1.49E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-6	LHSI PP 1A DISCH CHECK, DISCHARGE CHECK VALVE SI-6	SFGB	756	LHSI PUMP 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.1517	1.12E-05
SI-7	LHSI PP 1B DISCH CHECK, DISCHARGE CHECK VALVE SI-7	SFGB	756	LHSI PUMP 1B		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	LHSI	NO	DRY	COOL	Yes			1.3333	3.79E-05
SI-92	BORON RECIRC BYP ISOL, LOCKED CLOSED MANUAL VALVE SI-92	AXLB	722	PRIMARY AUX. BLDG 722'6"-- AT BIT CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	NO	DRY	COOL	Yes			1.088	4.98E-08
SI-94	COLD LEGS BIT SUP CHECK VALVE SI-94	RCBX	718	PENET AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSI	YES	DAMP	HOT	Yes			1.088	6.75E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-95	COLD LEGS HHSI SUP CHECK VALVE SI-95	RCBX	718	PENET AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.0007	5.12E-08
SI-96	COLD LEGS HHSI SUP THROTTLE MANUAL VALVE SI-96	RCBX	718	PENET AREA		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			1.0007	3.78E-10
SI-97	LOOP 1 COLD LEG HHSI SUP THROTTLE MANUAL VALVE SI-97	RCBX	692	AT 1B SI ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes	ECP 06-0247 replaced throttle valve		1.0036	2.06E-09
SI-98	LOOP 2 COLD LEG HHSI SUP THROTTLE MANUAL VALVE SI-98	RCBX	692	AT 1B SI ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes	ECP 06-0247 replaced throttle valve		1.0036	2.06E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-99	LOOP 3 COLD LEG HHSI SUP THROTTLE MANUAL VALVE SI-99	RCBX	692	AT 1B SI ACC		PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes	ECP 06-0247 replaced throttle valve		1.0036	2.06E-09
SI-P-1A	LOW HEAD SAFETY INJECTION PUMP SI-P-1A	SFGB	751	LHSI PUMP 1A		PRA & IPEEE SSEL	Cat 1	NO	Inventory	6. Vertical Pumps	LHSI	NO	DRY	COOL	Yes			1.1517	0.000669
SI-P-1B	LOW HEAD SAFETY INJECTION PUMP, PUMP SI-P-1B	SFGB	751	LHSI PUMP 1B	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	6. Vertical Pumps	LHSI	NO	DRY	COOL	Yes			1.3333	0.002286
SI-TK-1A	ACCUMULATOR SI-TK-1A	RCBX	692	ACCUMULATOR		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSISUP	YES	DAMP	HOT	Yes			1.194	8.15E-08
SI-TK-1B	ACCUMULATOR SI-TK-1B	RCBX	692	ACCUMULATOR		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSISUP	YES	DAMP	HOT	Yes			1.194	8.15E-08
SI-TK-1C	ACCUMULATOR SI-TK-1C	RCBX	692	ACCUMULATOR		PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSISUP	YES	DAMP	HOT	Yes			1.194	8.15E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SI-TK-2	BORON INJECTION TANK SI-TK-2	AXLB	722	PRIMARY AUX. BLDG 722'6"-- AT BIT CUBICLE	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY	COOL	Yes			1.0881	3.7E-08
SOV-1RC-102A	SOV-RC-102A	RCBX	767	ON PZR CUBICLE OUTSIDE WALL		PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
SOV-1RC-102B	SOV-RC-102B	RCBX	767	ON PZR CUBICLE OUTSIDE WALL		PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
SOV-1RC-103A	SOV-RC-103A	RCBX	767	ON PZR CUBICLE OUTSIDE WALL		PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
SOV-1RC-103B	SOV-RC-103B	RCBX	767	ON PZR CUBICLE OUTSIDE WALL	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes	ECP 08-0401-004 Replaced, Reactor Coolant Gas Vent System Valve Upgrade		#N/A	#N/A
SOV-1RC-104	SOV-RC-104	RCBX	767	ON PZR CUBICLE OUTSIDE WALL		PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SOV-1RC-105	SOV-RC-105	RCBX	767	ON PZR CUBICLE OUTSIDE WALL		PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes			#N/A	#N/A
SOV-1RC-455C1	AIR SUPPLY SOV-RC-455C1	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0892	8.65E-07
SOV-1RC-455C2	AIR SUPPLY SOV-RC-455C2	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0892	8.65E-07
SOV-1RC-455D1	AIR SUPPLY SOV-RC-455D1	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.27E-07
SOV-1RC-455D2	AIR SUPPLY SOV-RC-455D2	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.27E-07
SOV-1RC-456-1	AIR SUPPLY SOV-RC-456-1	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.27E-07
SOV-1RC-456-2	AIR SUPPLY SOV-RC-456-2	RCBX	767	PRESSURIZER CUBICLE		PRA Model	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.0131	1.27E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SSW-VITBUS1-1	STATIC SWITCH SSW-VITBUS-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	20a. Instrument and Control Panels - housed in panel/cabinet	120V	NO	DRY	COOL	Yes			1.0179	1.42E-07
SSW-VITBUS1-2	STATIC SWITCH SSW-VITBUS-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	120V	20a. Instrument and Control Panels - housed in panel/cabinet	120V	NO	DRY	COOL	Yes			1.0089	7.09E-08
SSW-VITBUS1-3	STATIC SWITCH SSW-VITBUS-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	20a. Instrument and Control Panels - housed in panel/cabinet	120V	NO	DRY	COOL	Yes			1.0066	5.2E-08
SSW-VITBUS1-4	STATIC SWITCH SSW-VITBUS-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	120V	20a. Instrument and Control Panels - housed in panel/cabinet	120V	NO	DRY	COOL	Yes			1.0051	4.07E-08

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SSW-VITBUS-1CB40	CIRCUIT BREAKER CB40 FROM STATIC SWITCH TO VITAL BUS I TRANSFERS	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			3.3132	0.000215
SSW-VITBUS-2CB40	CIRCUIT BREAKER CB40 FROM STATIC SWITCH TO VITAL BUS II TRANSFER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.8854	0.000107
SSW-VITBUS-3CB40	CIR BKR CB40 FROM STATIC SWITCH TO VITAL BUS III	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.2282	7.86E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SSW-VITBUS-4CB40	CIR BKR CB40 FROM STATIC SWITCH TO VITAL BUS IV	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		PRA Model	Cat 1	NO	120V	2a. Low Voltage Switchgear and Breaker Panels - housed in SWGR/panel	120V	NO	DRY	COOL	Yes			1.2113	6.15E-05
SV-1MS-101A	1A SG SAFETY VALVE SV-MS-101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-101B	1B S/G SAFETY VALVE SV-MS-101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-101C	1C S/G SAFETY VALVE SV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-102A	1A S/G SAFETY VALVE SV-MS-102A	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SV-1MS-102B	1B S/G SAFETY VALVE SV-MS-102B	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-102C	1C S/G SAFETY VALVE SV-MS-102C	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-103A	1A S/G SAFETY VALVE SV-MS-103A	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-103B	1B S/G SAFETY VALVE SV-MS-103B	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-1MS-103C	1C S/G SAFETY VALVE SV-MS-103C	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0136	9.07E-07
SV-MS-104A	1A S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
SV-MS-104B	1B S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A
SV-MS-104C	1C S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A
SV-MS-105A	1A S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A
SV-MS-105B	1B S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A
SV-MS-105C	1C S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM		IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A
TCV-1CH-144	TCV-1CH-144	AXLB	722	PRIMARY AUX. BLDG 722'6" -- NE CORNER	Screens 1, 2, 3, 4a, 4b	PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
TI-1CC-100A	COMPONENT COOLING HEAT EXCHANGER DISCHAR	AXLB	735	PRIMARY AUX. BLDG 735'6"		Temp. Indicators	Cat 1	No	Heat Removal	19 Temperature sensors	CCR	NO	DRY	COOL	Yes			N/A	N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TI-1CC-102	SEAL WATER HEAT EXCHANGER OUTLET TEMPERA	AXLB	722	PRIMARY AUX. BLDG 722'6"		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	NO	DRY	COOL	Yes			N/A	N/A
TI-1CC-103	NON-REGENERATIVE HEAT EXCHANGER OUTLET T	AXLB	722	PRIMARY AUX. BLDG 722'6"		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	CVCS	NO	DRY	COOL	Yes			N/A	N/A
TI-1CC-113	TEMPERATURE INDICATOR FOR CNMT RECIRC	RCBX	--	REACTOR CONTAINMENT BUILDING		Temp. Indicators	Cat 1	No	Containment	19 Temperature sensors	CIS	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CC-131A	CNMT RECIRC AIR COOLERS INLET LOOP #1	RCBX	692	REACTOR CONTAINMENT BUILDING (690)		Temp. Indicators	Cat 1	No	Containment	19 Temperature sensors	CIS	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CC-131B	CNMT RECIRC AIR COOLERS INLET LOOP #2	RCBX	692	REACTOR CONTAINMENT BUILDING (690)		Temp. Indicators	Cat 1	No	Containment	19 Temperature sensors	CIS	YES	DAMP	HOT	Yes			N/A	N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TI-1CC-131C	CNMT RECIRC AIR COOLERS INLET LOOP #3	RCBX	692	REACTOR CONTAINMENT BUILDING (690)	Screens 1, 2, 3, 4a, 4b, 4c	Temp. Indicators	Cat 1	No	Heat Removal	19 Temperature sensors	RHR	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CC-145B	RESIDUAL HEAT SYSTEM HEAT EXCH 1B INLET	RCBX	--	RX platform		Temp. Indicators	Cat 1	No	Heat Removal	19 Temperature sensors	RHR	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CC-146A	RESIDUAL HEAT SYSTEM HEAT EXCH 1A OUTLET	RCBX	--	RX platform		Temp. Indicators	Cat 1	No	Heat Removal	19 Temperature sensors	RHR	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CC-146B	RESIDUAL HEAT SYSTEM HEAT EXCH 1B OUTLET	RCBX	--	RX platform		Temp. Indicators	Cat 1	No	Heat Removal	19 Temperature sensors	RHR	YES	DAMP	HOT	Yes			N/A	N/A
TI-1CH-136	SEAL WATER HEAT EXCHANGE OUTLET TEMPERAT	RCBX	--	REACTOR CONTAINMENT BUILDING		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	YES	DAMP	HOT	Yes			N/A	N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TI-1CH-392A	THERMOMETER CHG PP CH-P-1A LUBE OIL THRU	AXLB	722	CHARGING PUMP CUBICLE 1A		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	NO	DRY	COOL	Yes			N/A	N/A
TI-1CH-392B	THERMOMETER CHG PP CH-P-1B LUBE OIL THRU	AXLB	722	PRIMARY AUX. BLDG 722'6"		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	NO	DRY	COOL	Yes			N/A	N/A
TI-1CH-392C	THERMOMETER CHG PP CH-P-1C LUBE OIL THRU	AXLB	722	PRIMARY AUX. BLDG 722'6"		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	NO	DRY	COOL	Yes			N/A	N/A
TI-1EE-301	EE-EG-1 COOLING WATER TO ENGINE TEMPERAT	DGBX	735	DG Room #1	Screens 1, 2, 3, 4a, 4b	Temp. Indicators	Cat 1	No	EDGS	19 Temperature sensors	DGS	NO	DRY	COOL	Yes			N/A	N/A
TI-1EE-302	EE-EG-2 COOLING WATER TO ENGINE TEMPER	DGBX	735	DG Room #2		Temp. Indicators	Cat 1	No	EDGS	19 Temperature sensors	DGS	NO	DRY	COOL	Yes			N/A	N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TI-1RC-454	PRESSURIZER VAPOR TEMPERATURE INDICATOR	SRVB	735	Control Room		Temp. Indicators	Cat 1	No	ESFAS	19 Temperature sensors	ESFAS	NO	DRY	COOL	Yes			N/A	N/A
TI-1VS-201-1	CONTAINMENT RM A/C UNIT TEMP INDICATOR	SRVB	713	SERVICE BUILDING FLOOR 713		Temp. Indicators	Cat 1	No	Containment	19 Temperature sensors	CIS	NO	DRY	COOL	Yes			N/A	N/A
TI-1VS-201-2	CONTAINMENT RM A/C UNIT TEMP INDICATOR	SRVB	713	SERVICE BUILDING FLOOR 713		Temp. Indicators	Cat 1	No	Containment	19 Temperature sensors	CIS	NO	DRY	COOL	Yes			N/A	N/A
TI-1VS-240	VS-F-40A/B DISCHARGE DUCT TEMP INDICAT	SRVB	713	SERVICE BUILDING FLOOR 713		Temp. Indicators	Cat 1	No	HVAC	19 Temperature sensors	HVAC	NO	DRY	COOL	Yes			N/A	N/A
TI-1WT-104A	PRIM PLANT DEMIN WATER STORAGE TANK WT	PDWS	735	WT-TK-10 STRUCTURE		Temp. Indicators	Cat 1	No	Inventory	19 Temperature sensors	Safety Injection	NO	DRY	COOL	Yes			N/A	N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TRANS-1-8N	4160V/480V TRANSFORMER TRANS-1-8N to EMERGENCY BUS	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			144.55	0.00831
TRANS-1-8N1	4160V/480V TRANSFORMER TRANS-1-8N1 to EMERGENCY BUS	SRVB	713	NORMAL SWITCHGEAR AREA	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			52.52	0.000453
TRANS-1-9P	4160V BUS 1DF TO EMERGENCY BUS 1P TRANSFORMER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			145.24	0.007568
TRANS-1-9P1	4160V BUS 1DF TO 480V SUBSTATION 1-9 BUS 1P1 TRANSFORMER, TRANS-1-9P1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			33.091	0.000282

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TRF-1015	VITAL BUS #1 & #3 AUX PWR SUPPLY STATIC LINE 480/120v AC VOLTAGE REGULATOR, TRF-1O15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	IPEEE SSEL	Cat 1	NO	120V	4. Transformers	120V	NO	DRY	COOL	Yes	ECP-0032-001 replaced		1.0245	8.01E-07
TRF-1P15	VITAL BUS#2 AUX PWR SUPPLY 480/120V STATIC LINE VOLTAGE REGULATOR, TRF-1P15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B		IPEEE SSEL	Cat 1	NO	120V	4. Transformers	120V	NO	DRY	COOL	Yes			1.0141	4.6E-07
TRS-BIP-PNL1	BACKUP INDICATING PANEL TRANSFER SWITC	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TRS-BIP-PNL3	BACKUP INDICATING PANEL TRANSFER SWITC	SFGB	735	EAST CABLE VAULT		Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
TS-1HV-55A	TEMPERATURE SWITCH TS-VS-55A ,	SRVB	725	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	HVAC	18. Instrument (on) Racks	HVAC	NO	DRY	COOL	Yes			1.0007	8.08E-07
TS-1HV-55B	TEMPERATURE SWITCH TS-VS-55B , TS-HV-55A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	HVAC	18. Instrument (on) Racks	HVAC	NO	DRY	COOL	Yes			1.0007	8.45E-07
TV-1BD-100A	STM GEN 1A BLOWDOWN TRIP VALVE,TV-BD-100A	SFGB	722	PIPE PENETRATION C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	COOL	Yes			1	1.02E-10
TV-1BD-100B	STM GEN 1B BLOWDOWN TRIP VALVE,TV-BD-100B	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	COOL	Yes			1	1.02E-10

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1BD-100C	STM GEN 1C BLOWDOWN TRIP VALVE,TV-BD-100C	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	COOL	Yes			1	1.02E-10
TV-1BD-101A1	BLOWDOWN TEMPERATURE ISOLATION A S/G, TV-BD-101-A1	RCBX	738	A RCP MOTOR CUB		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12
TV-1BD-101A2	BLOWDOWN TEMPERATURE ISOLATION A S/G, TV-BD-101-A2	RCBX	738	A RCP MOTOR CUB		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12
TV-1BD-101B1	BLOWDOWN TEMPERATURE ISOLATION B S/G, TV-BD-101-B1	RCBX	738	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1BD-101B2	BLOWDOWN TEMPERATURE ISOLATION B S/G, TV-BD-101-B2	RCBX	738	B RCP MOTOR CUB		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12
TV-1BD-101C1	BLOWDOWN TEMPERATURE ISOLATION C S/G,TV-BD-101-C1	RCBX	718	-C RCP MOTOR CUB-727		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12
TV-1BD-101C2	BLOWDOWN TEMPERATURE ISOLATION C S/G,TV-BD-101-C2	RCBX	718	-C RCP MOTOR CUB-721		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	YES	DAMP	HOT	Yes			1	7.58E-12
TV-1CC-103A	RCP 1A CCR IN CNMT ISOL,TV-CC-103A	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			1.122	6.53E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CC-103A1	RCP 1A CCR IN CNMT ISOL,TV-CC-103A1	RCBX	727	-PEN PLAT -		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-103B	RCP 1B CCR IN CNMT ISOL, TV-CC-103B	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			1.122	6.53E-06
TV-1CC-103B1	RCP 1B CCR IN CNMT ISOL,TV-CC-103B1	RCBX	718	-PEN PLAT -		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-103C	RCP 1C CCR IN CNMT ISOL,TV-CC-103C	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			1.122	6.53E-06
TV-1CC-103C1	RCP 1C CCR IN CNMT ISOL, TV-CC-103C1	RCBX	727	-PEN PLAT -		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-107A	RCP 1A THERM BARR CCR OUT ISOL,TV-CC-107A	RCBX	718	-A RCP PP CUBICLE-	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CC-107B	RCP 1B THERM BARR CCR OUT ISOL,TV-CC-107B	RCBX	718	-B RCP PP CUBICLE-		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-107C	RCP 1C THERM BARR CCR OUT ISOL,TV-CC-107C	RCBX	718	-C RCP PP CUBICLE-		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-107D1	RCP 1B AND 1C THERM BARR CCR OUT CNMT ISOL,TV-CC-107D1	RCBX	718	-PEN PLAT -		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-107D2	RCP 1B AND 1C THERM BARR CCR OUT CNMT ISOL,TV-CC-107D2	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			1.122	6.53E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CC-107E1	RCP 1A THERM BARR CCR OUT CNMT ISOL,TV-CC-107E1	RCBX	718	-PEN PLAT -		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CC-107E2	RCP 1A THERM BARR CCR OUT CNMT ISOL, TV-CC-107E2	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			1.122	6.53E-06
TV-1CC-130	TV-1CC-130	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CC-132	TV-1CC-132	AXLB	735	PRIMARY AUX. BLDG 735'6"		PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CH-200A	45 GPM LTDN ORIFICE CNMT ISOL,TV-CH-200A	RCBX	718	--RLF TK AREA REGEN HX CUB		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CH-200B	60 GPM LTDN ORIFICE CNMT ISOL,TV-CH-200B	RCBX	718	--RLF TK AREA		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			1	#N/A
TV-1CH-200C	60 GPM LTDN ORIFICE CNMT ISOL,TV-CH-200C	RCBX	718	--RLF TK AREA		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			1	#N/A
TV-1CH-204	REGEN HX LTDN OUT CNMT ISOL,TV-CH-204	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			1	#N/A
TV-1CV-101A	CNMT ACTIV MONITOR SUCT CNMT ISOL,TV-CV-101A	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CV-101B	CNMT ACTIV MONITOR SUCT CNMT ISOL,TV-CV-101B	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CV-102	CNMT ACTIV MONITOR DISCH CNMT ISOL,TV-CV-102	SFGB	722	PIPE PENETRATION C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CV-102-1	CNMT ACTIV MONITOR DISCH CNMT ISOL,TV-CV-102-1	RCBX	718	PEN PLAT		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
TV-1CV-150A	CNMT VAC PP 1A CNMT ISOL, solenoid operated,TV-CV-150A	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CV-150B	CNMT VAC PP 1A CNMT ISOL, solenoid operated,TV-CV-150B	SFGB	722	PIPE PENETRATION B		PRA Model	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CV-150C	CNMT VAC PP 1B CNMT ISOL,TV-CV-150C	SFGB	722	PIPE PENETRATION A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1CV-150D	CNMT VAC PP 1B CNMT ISOL,TV-CV-150D	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1DA-100A	CNMT SUMP DISCH CNMT ISOL,TV-DA-100A	RCBX	718	PEN A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
TV-1DA-100B	CNMT SUMP DISCH CNMT ISOL, TV-DA-100B	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1DG-108A	PRI DRAINS TRANSFER DISCH CNMT ISOL,TV-DG-108A	RCBX	718	PEN A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
TV-1DG-108B	PRI DRAINS TRANSFER DISCH CNMT ISOL, TV-DG-108B	SFGB	722	PIPE PENETRATION A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1DG-109A1	PRT VENT A TRAIN CNMT ISOL, TV-DG-109A1	SFGB	722	PIPE PENETRATION C		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1DG-109A2	PRT VENT B TRAIN CNMT ISOL, TV-DG-109A2	RCBX	718	PEN A		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	CIS	YES	DAMP	HOT	Yes			#N/A	#N/A
TV-1IA-400	CNMT ISOLATION TRIP VALVE TV-1IA-400	SFGB	722	PIPE PENETRATION AREA		PRA Model	Cat 1	NO	Air	7. Pneumatic-Operated Valves	IAC	NO	DRY	COOL	Yes			#N/A	1.06E-06
TV-1MS-101A	LOOP 1A MAIN STEAM TRIP VALVE, TV-MS-101A	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0519	0.000207
TV-1MS-101B	LOOP 1B MAIN STEAM TRIP VALVE, TV-MS-101B	SFGB	768	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0519	0.000207
TV-1MS-101C	LOOP 1C MAIN STEAM TRIP VALVE, TV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0519	0.000207

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-1MS-105A	AFW TURB STEAM SUP A TRN TRIP VLV, TV-MS-105A	SFGB	747	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0004	2.22E-06
TV-1MS-105B	AFW TURB STEAM SUP B TRN TRIP VLV, TV-MS-105B	SFGB	751	MAIN STEAM VALVE ROOM		PRA Model	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0004	2.22E-06
TV-1SI-884A	BIT RECIRC TO BORON INJ SURGE TK ISOL, TV-SI-884A	AXLB	722	PRIMARY AUX. BLDG 722'6"-- AT BIT CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.0003	1.16E-06
TV-1SI-884B	BIT RECIRC TO BORON INJ SURGE TK ISOL, TV-SI-884B	AXLB	722	PRIMARY AUX. BLDG 722'6"-- AT BIT CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.0003	1.16E-06
TV-1SI-884C	BORON RECIRC TO BIT ISOL, TV-SI-884C	AXLB	722	PRIMARY AUX. BLDG 722'6"-- AT BIT CUBICLE		PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSISUP	NO	DRY	COOL	Yes			1.0001	2.65E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-CC-110D	CNMT RECIRC CLG COILS CHILLED WATER OUT CNMT ISOL	RCBX	718	PEN C PLATFORM		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	YES	DAMP	HOT	Yes			#N/A	#N/A
TV-CC-110E2	CNMT RECIRC COOLING COILS AC CHILLED WATER SUP CNMT ISOL	SFGB	722	PIPE PENETRATION C		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
TV-CC-110E3	CNMT RECIRC COOLING COILS AC CHILLED WATER SUP CNMT ISOL	RCBX	718	REACTOR CONTAINMENT BUILDING		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
TV-CC-110F1	CNMT RECIRC COOLING COILS OUTLET TO RW CNMT ISOL	SFGB	722	PIPE PENETRATION C		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
TV-CC-110F2	CNMT RECIRC COOLING COILS AC CHILLED WTR RTRN CNMT ISOL	SFGB	722	PIPE PENETRATION C		IPEEE SSEL	Cat 1	NO	Air	0d. Other - check valve or manual valve	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
TV-LM-100A2	OPEN PRESS SYS CNMT ISOL	SFGB	722	PIPE TUNNEL----ON POST NEAR PENETRATION B		IPEEE SSEL	Cat 1	NO	Containment	0d. Other - check valve or manual valve	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
VB-A	VB-A	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b,4e	CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VB-B	VB-B	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
VB-C	VB-C	SRVB	735	CONTROL ROOM		CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
VITBUS-1-RECT	VITAL BUS I RECTIFIER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes			1	#N/A
VITBUS-2-RECT	VITAL BUS II RECTIFIER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A		PRA Model	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes			1	#N/A
VITBUS-3-RECT	VITAL BUS III RECTIFIER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A -- FRONT-OF #3 INVERTER CABINET		PRA Model	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes			1	2.3E-13

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VITBUS-4-RECT	VITAL BUS IV RECTIFIER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B -- FRONT-OF #4 INVERTER CABINET		PRA Model	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes			1	1.8E-13
VS-AC-1A-BLOWER	CONTROL ROOM AIR HANDLING UNIT SUPPLY	SRVB	713	AC EQIP RM	Screens 1, 2, 3, 4a, 4b	Air handlers	Cat 1	NO	HVAC	10. Air handlers	HVAC	NO	DRY	COOL	Yes			N/A	N/A
VS-AC-1B-BLOWER	CONTROL ROOM AIR HANDLING UNIT SUPPLY	SRVB	713	AC EQIP RM		Air handlers	Cat 1	NO	HVAC	10. Air handlers	HVAC	NO	DRY	COOL	Yes			N/A	N/A
VS-D-16A	EMERG SWITCHGEAR EXHAUST FAN DAMPER, MOTOR OPERATED DAMPER VS-D-16A	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	7. Pneumatic-Operated Valves	HVAC	NO	DRY	COOL	Yes			1.0013	1.05E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-16A1	EMER SWGR FAN VS-F-16A SELF-ACTUATING BACKDRAFT DAMPER, BACKDRAFT DAMPER VS-D-16A1	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1.0013	2.5E-07
VS-D-16B	EMERG SWITCHGEAR EXHAUST FAN DAMPER, MOTOR OPERATED DAMPER VS-D-16B	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	7. Pneumatic-Operated Valves	HVAC	NO	DRY	COOL	Yes			1.0013	9.77E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-16B1	EMER SWGR FAN VS-F-16B SELF-ACTUATING BACKDRAFT DAMPER, BACKDRAFT DAMPER VS-D-16B1	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1.0013	2.34E-07
VS-D-22-1A	DIESEL GENERATOR BLDG. O.A. EXHAUST DAMPER, VS-D-22-1A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	7. Pneumatic-Operated Valves	4kv	NO	DRY	COOL	Yes			1.7747	0.000651
VS-D-22-1B	DIESEL GENERATOR BLDG. O.A. EXHAUST DAMPER, VS-D-22-1B	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	7. Pneumatic-Operated Valves	4kv	NO	DRY	COOL	Yes			1.8397	0.000706

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-22-2A	DIESEL GENERATOR BLDG. O.A. INTAKE DAMPER, VS-D-22-2A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	7. Pneumatic-Operated Valves	4kv	NO	DRY	COOL	Yes			1.0006	4.89E-07
VS-D-22-2B	DIESEL GENERATOR BLDG. O.A. INTAKE DAMPER, VS-D-22-2B	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	7. Pneumatic-Operated Valves	4kv	NO	DRY	COOL	Yes			1.0006	4.89E-07
VS-D-22-2C	DIESEL GENERATOR BLDG. O.A. INTAKE DAMPER, VS-D-22-2C	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	0. Other	4kv	NO	DRY	COOL	Yes			1.0007	5.3E-07
VS-D-22-2D	DIESEL GENERATOR BLDG. O.A. INTAKE DAMPER, VS-D-22-2D	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	7. Pneumatic-Operated Valves	4kv	NO	DRY	COOL	Yes			1.0007	5.3E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-281	FIRE DAMPER	SRVB	725	SERVICE BUILDING FLOOR 725		IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			#N/A	#N/A
VS-D-291	FIRE DAMPER VS-D-291	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1	2.89E-15
VS-D-362	EMERGENCY SWITCHGEAR VOLUME DAMPER, 1AE AND 1DF EXHAUST VOLUME DAMPER VS-D-362	SRVB	725	CABLE TRAY MEZZANINE		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1.0455	2.57E-08
VS-D-378	EMER SWGR VENTILATION SUPPLY VOLUME DAMPER, VOLUME DAMPER VS-D-378	SRVB	725	CABLE TRAY MEZZANINE		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1	1.89E-15

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-395	EMER SWGR VENTILATION SUPPLY VOLUME DAMPER, VOLUME DAMPER VS-D-395	SRVB	725	CABLE TRAY MEZZANINE		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1	1.89E-15
VS-D-55A	EMERF SWITCHGEAR SUPPLY FAN DAMPER, MOTOR OPERATED DAMPER VS-D-55A	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	7. Pneumatic-Operated Valves	HVAC	NO	DRY	COOL	Yes			1.0007	5.44E-07
VS-D-55A1	EMER SWGR FAN VS-F-55A SELF-ACTUATING BACKDRAFT DAMPER VS-D-55A1	SRVB	725	CABLE TRAY MEZZANINE		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1.0007	1.3E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-55B	EMERG SWITCHGEAR SUPPLY FAN DAMPER, MOTOR OPERATED DAMPER VS-D-55B	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	7. Pneumatic-Operated Valves	HVAC	NO	DRY	COOL	Yes			1.0007	5.69E-07
VS-D-55B1	EMER SWGR FAN VS-F-55B SELF-ACTUATING BACKDRAFT DAMPER VS-D-55B1	SRVB	725	CABLE TRAY MEZZANINE		PRA & IPEEE SSEL	Cat 1	NO	HVAC	0. other	HVAC	NO	DRY	COOL	Yes			1.0007	1.36E-07
VS-D-57A1	A-CUBICLE SUPPLY DAMPER VS-D-57A1	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			6.6465	1.98E-05
VS-D-57B1	B-CUBICLE SUPPLY DAMPER VS-D-57B1	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			2.074	0.000852

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-D-57C1	C-CUBICLE SUPPLY DAMPER VS-D-57C1	INTS	705	Intake Structure Pump Cubicle 3 (C)	Screens 1, 2, 3, 4a, 4b,4c	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			1.1931	7.98E-05
VS-F-16A	EMERG.SWITCHGEAREXHAUST DIRECT DRIVE EXHAUST FAN VS-F-16A	SRVB	725	W.CABLE.TRAY MEZZ, TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	HVAC	9. Fans	HVAC	#N/A	#N/A	#N/A	#N/A			25.971	1.3E-06
VS-F-16B	EMERG.SWITCHGEAR EXHAUST DIRECT DRIVE EXHAUST FAN VS-F-16B	SRVB	725	W.CABLE.TRAY MEZZ		PRA & IPEEE SSEL	Cat 1	NO	HVAC	9. Fans	HVAC	NO	DRY	COOL	Yes			25.971	1.22E-06
VS-F-22A	DIESEL GENERATOR BUILDING DIRECT DRIVE FAN VS-F-22A	DGBX	735	DG ROOM TRAIN A		PRA & IPEEE SSEL	Cat 1	NO	4KV	9. Fans	4kv	NO	DRY	COOL	Yes			1.6961	0.000804

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-F-22B	DIESEL GENERATOR BUILDING DIRECT DRIVE FAN VS-F-22B	DGBX	735	DG ROOM TRAIN B		PRA & IPEEE SSEL	Cat 1	NO	4KV	9. Fans	4kv	NO	DRY	COOL	Yes			1.7619	0.000872
VS-F-55A	EMERG. SWITCHGEAR SUPPLY DIRECT DRIVE FAN VS-F-55A	SRVB	725	SERVICE BUILDING FLOOR 725	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	HVAC	9. Fans	HVAC	NO	DRY	COOL	Yes			25.971	6.75E-07
VS-F-55B	EMERG. SWITCHGEAR SUPPLY DIRECT DRIVE VS-F-55B	SRVB	725	SERVICE BUILDING FLOOR 725		PRA & IPEEE SSEL	Cat 1	NO	HVAC	9. Fans	HVAC	NO	DRY	COOL	Yes			25.971	7.06E-07
VS-F-57A	A-CUBICLE VENTIL. FAN VS-F-57A	INTS	705	Intake Structure Pump Cubicle 1 (A)		PRA Model	Cat 1	NO	SW/CCW	9. Fans	RW	NO	DAMP	WARM	Yes			1.5809	7.11E-05
VS-F-57B	B-CUBICLE VENTIL. FAN VS-F-57B	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	9. Fans	RW	NO	DAMP	WARM	Yes			2.0739	0.001042

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
VS-F-57C	C-CUBICLE VENTIL. FAN VS-F-57C	INTS	705	Intake Structure Pump Cubicle 3 (C)		PRA Model	Cat 1	NO	SW/CCW	9. Fans	RW	NO	DAMP	WARM	Yes			1.1931	0.000111
WR-P-1A	RIVER PLANT WATER PUMP WR-P-1A	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	6. Vertical Pumps	RW	NO	DAMP	WARM	Yes	DCP-2424 replaced		1.6407	0.00699
WR-P-1B	RIVER PLANT WATER PUMP WR-P-1B	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	6. Vertical Pumps	RW	NO	DAMP	WARM	Yes	DCP-2424 replaced		2.1622	0.002041
WR-P-1C	RIVER PLANT WATER PUMP WR-P-1C	INTS	705	Intake Structure Pump Cubicle 3 (C)		PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	6. Vertical Pumps	RW	NO	DAMP	WARM	Yes	DCP-2424 replaced		1.2965	0.000293
WT-221	PRI PLANT DEMIN WTR ISOL TO STEAM DRIVEN FEED PUMP MANUAL VALVE WT-221	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK--E SIDE AT TANK 1WT-TK10		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	YES	DRY	COOL	Yes			1.0415	3.81E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
WT-222	PRI PLANT DEMIN WTR ISOL TO AUX FEED PP 3B, MANUAL VALVE WT-222	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK--E SIDE AT TANK 1WT-TK10		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	YES	DRY	COOL	Yes			1.1098	1.01E-06
WT-223	PRI PLANT DEMIN WTR ISOL TO AUX FEED PP 3A, MANUAL VALVE WT-223	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK--E SIDE AT TANK 1WT-TK10		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	YES	DRY	COOL	Yes			1.1098	1.01E-06
WT-224	ALTERNATE MAKEUP SUPPLY ISOLATION VALVE WT-224	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK--E SIDE AT TANK 1WT-TK10		PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFWSU	YES	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
WT-225	PRI PLANT DEMIN WTR ISOL TO STM DRIVEN FEED PP SUCT, MANUAL VALVE WT-225	SFGB	735	AT PP		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.0415	3.81E-07
WT-226	PRI PLANT DEMIN WTR ISOL TO AUX FEED PP 3A, MANUAL VALVE WT-226	SFGB	735	AT PP		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06
WT-227	PRI PLANT DEMIN WTR ISOL TO AUX FEED PP 3B, MANUAL VALVE WT-227	SFGB	735	AT PP		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			1.1098	1.01E-06

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temp.	Inside?			RAW of COMP	FVI of COMP
WT-TK-10	PRIMARY PLANT DEMIN WTR. STORAGE TANK WT-TK-10	PDWS	735	PRIMARY PLANT DEMIN WATER STORAGE TANK		PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	21. Tanks and Heat Exchangers	AFW	YES	DRY	COOL	Yes			98.642	4.1E-05

Note: Equipment located in either SFG or MSCV are all designated to be in SFGB.

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
1CC-E-1A	PRIMARY PLANT COMP COOLING WTR HTEXCH	AXLB	735	PRIMARY AUX. BLDG 735'6"	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1	1.16E-10
1EE-EG-1	DIESEL GENERATOR EE-EG-1	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4e,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	17. Engine Generators	4kv	NO	DRY	COOL	Yes		Day tank connections secured against rotation using Loctite 262, July 2000	1.6961	0.020599
1EE-EG-2	DIESEL GENERATOR EE-EG-2	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4e,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	17. Engine Generators	4kv	NO	DRY	COOL	Yes		Day tank connections secured against rotation using Loctite 262, July 2000	1.7619	0.020486

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
1FW-PNL-100B	HYV-1FW-100B Local Panel	SFGB	735	WEST CABLE VAULT---- SOUTH EAST CORNER	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
480VUS-1-8-N	480V BUS 480VUS-1-8-N	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes			193.9	0.008895
480VUS-1-9-P	480V EMERGENCY BUS 480VUS-1-9-P	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	2. Low Voltage Switchgear and Breaker Panels	4kv	NO	DRY	COOL	Yes			174.95	0.008102
4KVS-1AE	4160V EMERGENCY BUS 4KVS-1AE	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	3. Medium Voltage, Metal-Clad Switchgear	4kv	NO	DRY	COOL	Yes	ECP 11-0157-001 , Fused Test Jack Installation,		193.9	0.008895

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
4KVS-1DF	4160V BUS 4KVS-1DF	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	4KV	3. Medium Voltage, Metal-Clad Switchgear	4kv	NO	DRY	COOL	Yes	ECP 11-0157-002 , Fused Test Jack Installation		174.95	0.008102
BAT-1-1	125V DC BATTERY 1 / INSTRUMENT CONTROL POWER	SRVB	713	BAT-1 ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	7.1312	0.002895
BAT-1-2	125V DC BATTERY 2 / INSTRUMENT CONTROL POWER	SRVB	713	#2 BATTERY ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	15. Battery Racks	125V	NO	DRY	COOL	Yes		Block walls passed when reevaluated	4.6387	0.001718
BAT-CHG-1-1	STATION BATTERY CHARGER NO. 1	SRVB	713	1AE SWITCH -- BAT SWGR	Screens 1, 2, 3, 4a, 4b,4d	IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced		#N/A	#N/A
BAT-CHG1-2-A	BATTERY CHARGER BAT-CHG-2A	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA Model	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes			2.5205	0.000709

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
BAT-CHG-1-3	STATION BATTERY CHARGER NO. 3	SRVB	713	1AE SWITCH	Screens 1, 2, 3, 4a, 4b, 4d	IPEEE SSEL	Cat 1	NO	125V	16. Battery Chargers and Inverters	125V	NO	DRY	COOL	Yes	ECP 02-0076, replaced		#N/A	#N/A
BB-A1	BB-A1	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b,4e	CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
CC-TK-1	COMPONENT COOLING WATER SURGE TANK CC-TK-1	AXLB	768	CCW SURGE TANK	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	21. Tanks and Heat Exchangers	CCR	NO	DRY	COOL	Yes			1.0019	2.3E-06
CH-P-1C	CHARGING HIGH-HEAD SAFETY INJECTION PUMP CH-P-1C	AXLB	722	CHARGING PUMP CUBICLE 1C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	HHSI	NO	DRY	COOL	Yes			1.0404	4.62E-05
CH-P-2A	BORIC ACID TRANSFER PUMP CH-P-2A	AXLB	752	BORIC ACID PUMP CUBICLE B	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Reactivity	5. Horizontal Pumps	Borate	NO	DRY	WARM	Yes			1	0

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
CH-TK-1A	BORIC ACID TANK CH-TK-1A	AXLB	752	BORIC ACID TANK 1A	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Reactivity	21. Tanks and Heat Exchangers	Borate	NO	DRY	HOT	Yes			1	0
DC-SWBD1-1	125V DC BUS 1 DC-SWBD-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			79.5	0.005069
DC-SWBD1-2	125V DC BUS 2 DC-SWBD-2	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			147.35	0.007885
DC-SWBD1-3	125V DC BUS 3 DC-SWBD-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
DC-SWBD1-4	125V DC BUS 4 DC-SWBD-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	125V	14. Distribution Panels and Automatic Transfer Switches	125V	NO	DRY	COOL	Yes			1.3424	3.31E-06
EE-P-1A	DIESEL GENERATOR FUEL OIL TRANSFER PUMP EE-P-1A	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	5. Horizontal Pumps	4kv	NO	DRY	COOL	Yes			1.0116	0.000178
EE-TK-2A	EE-EG-1 FUEL OIL DAY TANK EE-TK-2A	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA Model	Cat 1	NO	4KV	21. Tanks and Heat Exchangers	4kv	NO	DRY	COOL	Yes			1.7747	3.25E-07
FCV-1FW-103B	3B AFW PUMP RECIRC CONTROL VALVE FCV-FW-103B	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	7. Pneumatic-Operated Valves	AFW	NO	DRY	COOL	Yes			1.1098	1E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
FW-59	COMMON LUBE OIL COOLERS 3-WAY MANUAL VALVE FW-59	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b,4f	PRA Model	Cat 1	NO	Heat Removal	0d. Other - check valve or manual valve	AFW	NO	DRY	COOL	Yes			98.642	8.95E-05
FW-P-2	TURBINE DRIVEN PUMP FW-P-2	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			1.0415	0.001955
FW-P-3A	NO.3A MOTOR DRIVEN AUXILIARY FEEDWATER PUMP	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			1.1098	0.000309
FW-T-2	FW-P-2 AUX FEED PUMP STEAM TERRY TURBINE	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	AFW	NO	DRY	COOL	Yes			#N/A	#N/A
GN-TK-1B	NITROGEN ACCUMULATOR TANK GN-TK-1B	RCBX	767	REACTOR CONTAINMENT BUILDING	Screens 1, 2, 3, 4a, 4b,4c,4e	PRA Model	Cat 1	NO	Pressure	21. Tanks and Heat Exchangers	PZR	YES	DAMP	HOT	Yes		loose anchors, replaced with new ASME tank, July 2000	1.0025	1.04E-09

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
HCV-1CH-186	RCP SEAL SUP HAND CONT, HCV-CH-186	AXLB	722	BLENDER ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	NO	DRY	COOL	Yes			#N/A	#N/A
INV-VITBUS1-1	VITAL BUS I INVERTER INV-VITBUS-1	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	Replacement of Inverter and Static Switch for BV-1 Vital Bus 1,ECP 08-0033-001	Design changed (DCP 1531), 1996	1.0001	#N/A
INV-VITBUS1-3	VITAL BUS III INVERTER INV-VITBUS-3	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	DCP 2422 mounting changed		1	#N/A
INV-VITBUS1-4	VITAL BUS IV INVERTER INV-VITBUS-4	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	120V	16. Battery Chargers and Inverters	120V	NO	DRY	COOL	Yes	ECP 02-0063, inverter replaced	Anchors added (DCP-204), May 1997	1	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
LS-1EE-201-1	EE-EG-1 DAY TANK LEVEL(PUMP CTRL) LEVEL SWITCH LS-EE-201-1	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	18. Instrument (on) Racks	4kv	NO	DRY	COOL	Yes			1.6961	0.00773
LT-1FW-475	SG1A BIP NARROW RANGE LEVEL TRANSMITTER LT-1FW-475	RCBX	718	OUTSIDE 1A STEAM GEN CUBICLE	Screens 1, 2, 3, 4a, 4b,4c	PRA Model	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	MFW	YES	DAMP	HOT	Yes			#N/A	#N/A
LT-1QS-100A	RWST LEVEL TRANSMITTER LT-QS-100A	YARD	735	AT QS-TK-1	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Inventory	18. Instrument (on) Racks	HHSI	NO	DRY/WET	WARM/COOL	NO	DCP-1741 &DCP-2416 replaced		1.9533	0.000368

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MCC-1-E1	480V MTR.CNTRL. CENTER FED FROM 480V SBST.1-8 EMERG.BUS VIA 1NBKR 8N7, MOTOR CONTROL CENTER MCC-1-E1	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	1. Motor Control Centers	RW	NO	DAMP	WARM	Yes	ECP 02-0283 & ECP 03-0428 replaced circuit breakers; & Replace thermal overload, ECP 12-0243-001& DCP-0742		6.4502	0.000148
MCC-1-E12	MOTOR CONTROL CENTER MCC-1-E12	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA Model	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.2034	0.000114
MCC-1-E13	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA.1-8 BUS 1N, MCC-1-E13	SFGB	756	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	HOT	Yes	ECP 02-0283 &ECP 03-0428 & ECP 06-0005 replaced circuit breakers		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MCC-1-E4	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P (9P9), MCC-1-E4	AXLB	735	PRIMARY AUX. BLDG 735'6"--WEST WALL NEAR CC-E-1C	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		5.2034	0.000114
MCC-1-E6	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P(9P14), MCC-1-E6	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	480V	1. Motor Control Centers	480V	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		1.2233	6.08E-06
MCC-1-E7	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-8 BUS 1N(8N14), MCC-1-E7	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d,4e	PRA & IPEEE SSEL	Cat 1	NO	4KV	1. Motor Control Centers	4kv	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers	Installed flat bar tie-racks anchored to wall at top of MCC sides, May 1997	1.7747	2.11E-05

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MCC-1-E8	480V MOTOR CONTROL CENTER FED FROM 480V SUBSTA 1-9 BUS 1P (9P7), MCC-1-E8	DGBX	735	DG ROOM TRAIN B-- - EAST WALL	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	4KV	1. Motor Control Centers	4kv	NO	DRY	COOL	Yes	ECP 02-0283 &ECP 03-0428 replaced circuit breakers		1.8397	2.29E-05
MOV-1FW-151E	1A SG AFW THROTTLE VLV (B HDR),FEEDWATER CONTROL VALVE MOV-FW-151E	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	COOL	Yes			1.0001	1.21E-08
MOV-1MS-105	AFW TURB STEAM ISOL VLV,COMMON STEAM SUPPLY MOV-MS-105	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	8a. Motor-Operated Valves	AFW	NO	DRY	HOT	Yes			1.0415	6.12E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MOV-1QS-101B	1B QUENCH SPRAY PP DISCH ISOL, MOV-QS-101B	SFGB	735	PIPE TUNNEL---W AREA RR 745 - SHALLOW PIT	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	8a. Motor-Operated Valves	QS	NO	DRY	COOL	Yes			1.3175	0.000277
MOV-1RC-535	PORV BLOCK VALVE MOV-RC-535	RCBX	767	PRESSURIZER CUBICLE	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Pressure	8a. Motor-Operated Valves	PZR	YES	DAMP	HOT	Yes	ECP 03-0597 replaced		1.0892	1.84E-06
MOV-1RW-102A2	1A RP RW PUMP DISCH VLV TO A-HDR, MOV-RW-102A2	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DAMP	WARM	Yes	ECP 12-0243-001, Replace thermal overload		6.0346	5.29E-07
MOV-1RW-103A	1A HDR RP RW TO RECIRC SPRAY HXS ISOL VLV, RSS HX ISOL MOV-RW-103A	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			181.78	0.000205

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MOV-1RW-103B	1A HDR PP RW TO RECIRC SPRAY HXS ISOL VLV, MOV-RW-1O3B	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes	ECP 10-0353-001, Valve Replacement		181.78	0.000168
MOV-1RW-113B	DIESEL GEN HX (1EE-E-1A) INLET 1A SUPPLY HDR ISOL,MOV-RW-113B	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	4KV	8a. Motor-Operated Valves	4kv	NO	DRY	COOL	Yes	ECP02-0082 replaced		1.0006	5.06E-07
MOV-1RW-114B	CCR HX ISOL MOV-RW-114B	AXLB	722	PRIMARY AUX. BLDG 722'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	8a. Motor-Operated Valves	RW	NO	DRY	COOL	Yes			144.32	0.000132
MOV-1SI-860B	SUMP VALVE MOV-SI-860B	SFGB	747	VALVE PIT 688	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.296	0.000256

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
MOV-1SI-862A	1A LHSI PP RWST SUCT ISOL MOV-SI-862A	SFGB	747	VALVE PIT 688	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	8a. Motor-Operated Valves	LHSI	NO	DRY	COOL	Yes			1.146	2.13E-06
MOV-RW-117	1B HDR RP RW SUP TO CNMT AIR RECIRC CLRS/CMPR	AXLB	722	PRIMARY AUX. BLDG 722'6"-- EAST CENTRAL	Screens 1, 2, 3, 4a, 4b	IPEEE SSEL	Cat 1	NO	Air	8a. Motor-Operated Valves	IAC	NO	DRY	COOL	Yes			#N/A	#N/A
PCV-1MS-101C	1C SG ATM STEAM DUMP VALVE PCV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	SGPORV	NO	DRY	HOT	Yes			1.0003	7.65E-07
PCV-1RC-455D	PZR PORV PCV-RC-455D	RCBX	767	PRESSURIZER CUBICLE	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Pressure	7. Pneumatic-Operated Valves	PZR	YES	DAMP	HOT	Yes			1.3999	0.000699
PCV-CC-101	CNMT AIR COMPR CHILLED WATER SUP PRESS CONT	RCBX	718	REACTOR CONTAINMENT BUILDING	Screens 1, 2, 3, 4a, 4b,4c	IPEEE SSEL	Cat 1	NO	Air	7. Pneumatic-Operated Valves	IAC	YES	DAMP	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
PNL-1MS-101A	(PCV-MS-101A) INSTRUMENT PANEL	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	HOT	Yes			#N/A	#N/A
PNL-1MS-101B	(PCV-MS-101B) INSTRUMENT PANEL	SFGB	751	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	HOT	Yes			#N/A	#N/A
PNL-AC1-BUS-1E	AC BUS PANEL 1E	SRVB	713	RELAY ROOM ---- WEST WALL	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-AC1-E1	AC DISTRIBUTION PANEL	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DC1-3	DISTRIBUTION PANEL	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DGEA-1	DIESEL GENERATOR EXCITATION AUX RELAY	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
PNL-DIGEN-1	D/G #1 ELECTRIC CONTROL CABINET	DGBX	735	DG ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-DIGEN-2	D/G #2 ELECTRIC CONTROL CABINET	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	EDGS	20. Instrument and Control Panels	DGS	NO	DRY	COOL	Yes			#N/A	#N/A
PNL-VITBUS1-2	VITAL BUS CHANNEL II (WHITE); BUS	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.8855	0.00033
PNL-VITBUS1-3	VITAL BUS CHANNEL III (BLUE); BUS	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	14. Distribution Panels and Automatic Transfer Switches	120V	NO	DRY	COOL	Yes			1.2282	0.000242

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
PT-1RC-403	REACTOR COOLANT WIDE RANGE PRESSURE, PT-RC-403	RCBX	692	701 KEYWAY WALL	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	18. Instrument (on) Racks	RHR	YES	DAMP	HOT	Yes			1	0
PT-1RW-113A	PRI.CMP.CL. WTR.HT.EX. IN, PRESS TRANSMITTER PT-RW-113A	AXLB	735	PRIMARY AUX. BLDG 735'6"--CCR HX INLET HDR	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	18. Instrument (on) Racks	RW	NO	DRY	COOL	Yes			2.1701	0.001382
QS-P-1B	QUENCH SPRAY PUMP QS-P-1B	SFGB	735	QS/AFW PUMP ROOM	Screens 1, 2, 3, 4a, 4b,4d	PRA & IPEEE SSEL	Cat 1	NO	Containment	5. Horizontal Pumps	QS	NO	DRY	COOL	Yes	ECP 07-0203 strainer replaced		1.3175	0.000975
REAC-TR-SWGR-1A	REACTOR TRIP SWGR	SRVB	713	MOTOR GENERATOR ROOM	Screens 1, 2, 3, 4a, 4b,4d	Fire Panels	Cat 1	NO	Reactivity	2. Low Voltage Switchgear and Breaker Panels	RPS	NO	DRY	COOL	Yes	Reclosing Reactor Trip Breaker BV-52-RTA and RTB Under Test, ECP 08-0134-001 and 002		#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
RH-P-1A	RHR PUMP RH-P-1A	RCBX	707	RHR PLATFORM	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA & IPEEE SSEL	Cat 1	NO	Heat Removal	5. Horizontal Pumps	RHR	YES	DAMP	HOT	Yes	ECP-02-0258-001 coupling retrofit modification, ECP 02-0258-002 piping modifications		1	0
RK-1PRI-PROC-12	PRIMARY PROCESS RACK 12	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b,4d	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes	ECP 03-0575&ECP 04-0403 replaced modules		#N/A	#N/A
RK-AUX-RPTST-A	AUXILIARY SAFEGUARDS CABINET TRAIN A	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A
RK-NUC-INS-1	NUCLEAR INSTRUMENTATION RACK	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
RK-VV-REL-B	STOP VALVE RELAY RACK B	SRVB	713	PROCESS INSTRUMENTATION ROOM	Screens 1, 2, 3, 4a, 4b,4e	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Installed tie-plates between top of panel and adjacent one, missing bolts and screw, original SQUG	#N/A	#N/A
RS-E-1D	RECIRC SPRAY HEAT EXCHANGER RS-E-1D	RCBX	718	RECIRC SPRAY CLRS	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	RSS	YES	DAMP	HOT	Yes			1.1704	2.76E-06
RS-P-1A	INSIDE RECIR. PUMP RS-P-1A	RCBX	692	AT CNMT SUMP	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	5. Horizontal Pumps	RSS	YES	DAMP	HOT	Yes			1.0008	4.82E-06
RS-P-2B	OUTSIDE RECIRCULATION SPRAY PUMP RS-P-2B	SFGB	732	B RS PMP CUB	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	6. Vertical Pumps	RSS	NO	DRY	COOL	Yes			1.1689	0.001118

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
RW-183	PRI CCW HXS (1CC-E-1AB) RW SUP HDR CROSS CONN, RW-183 MANUAL VALVE	AXLB	735	PRIMARY AUX. BLDG 735'6"--EAST CENTRAL	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DRY	COOL	Yes			181.78	0.000102
RW-57	RP RW PP (1WR-P-1A) DISCH CHECK RW-57	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	0d. Other - check valve or manual valve	RW	NO	DAMP	WARM	Yes			838.02	1.88E-06
SAF-SW-65	VITAL BUS INVERTER #1,AC POWER DISCONNECT SWITCH SAF-SW-65	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	120V	20. Instrument and Control Panels	120V	NO	DRY	COOL	Yes			1	#N/A
SI-24	LOOP 2 COLD LEG SI SUP CHECK VALVE SI-24	RCBX	718	AT 1B LOOP CUB	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA & IPEEE SSEL	Cat 1	NO	Inventory	0d. Other - check valve or manual valve	HHSISUP	YES	DAMP	HOT	Yes			19.026	0.00138

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
SI-P-1A	LOW HEAD SAFETY INJECTION PUMP SI-P-1A	SFGB	751	LHSI PUMP 1A	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	6. Vertical Pumps	LHSI	NO	DRY	COOL	Yes			1.1517	0.000669
SI-TK-2	BORON INJECTION TANK SI-TK-2	AXLB	722	PRIMARY AUX. BLDG 722'6"--AT BIT CUBICLE	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Inventory	21. Tanks and Heat Exchangers	HHSI	NO	DRY	COOL	Yes			1.0881	3.7E-08
SOV-1RC-103B	SOV-RC-103B	RCBX	767	ON PZR CUBICLE OUTSIDE WALL	Screens 1, 2, 3, 4a, 4b,4c,4d	PRA Model	Cat 1	NO	Pressure	8B. Solenoid Valves	PZR	YES	DAMP	HOT	Yes	ECP 08-0401-004 Replaced, Reactor Coolant Gas Vent System Valve Upgrade		#N/A	#N/A
SV-MS-104B	1B S/G SAFETY VALVE	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
TCV-1CH-144	TCV-1CH-144	AXLB	722	PRIMARY AUX. BLDG 722'6" --NE CORNER	Screens 1, 2, 3, 4a, 4b	PRA Model	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	HHSI	NO	DRY	COOL	Yes			#N/A	#N/A
TI-1CC-131C	CNMT RECIRC AIR COOLERS INLET LOOP #3	RCBX	692	REACTOR CONTAIN MENT BUILDING (690)	Screens 1, 2, 3, 4a, 4b, 4c	Temp. Indicators	Cat 1	NO	Heat Removal	19 Temperatur e sensors	RHR	YES	DAMP	HOT	Yes			N/A	N/A
TI-1EE-301	EE-EG-1 COOLING WATER TO ENGINE TEMPERAT	DGBX	735	DG Room #1	Screens 1, 2, 3, 4a, 4b	Temp. Indicators	Cat 1	NO	EDGS	19 Temperatur e sensors	DGS	NO	DRY	COOL	Yes			N/A	N/A
TRANS-1-8N	4160V/480V TRANSFORM ER TRANS-1-8N to EMERGENCY BUS	SRVB	713	EMERGEN CY SWITCHGE AR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transforme rs	4kv	NO	DRY	COOL	Yes			144.55	0.00831

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
TRANS-1-8N1	4160V/480V TRANSFORMER TRANS-1-8N1 to EMERGENCY BUS	SRVB	713	NORMAL SWITCHGEAR AREA	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			52.52	0.000453
TRANS-1-9P	4160V BUS 1DF TO EMERGENCY BUS 1P TRANSFORMER	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b,4f	IPEEE SSEL	Cat 1	NO	4KV	4. Transformers	4kv	NO	DRY	COOL	Yes			145.24	0.007568
TRF-1015	VITAL BUS #1 & #3 AUX PWR SUPPLY STATIC LINE 480/120v AC VOLTAGE REGULATOR, TRF-1O15	SRVB	713	EMERGENCY SWITCHGEAR ROOM TRAIN A	Screens 1, 2, 3, 4a, 4b,4d	IPEEE SSEL	Cat 1	NO	120V	4. Transformers	120V	NO	DRY	COOL	Yes	ECP-0032-001 replaced		1.0245	8.01E-07
TRS-BIP-PNL1	BACKUP INDICATING PANEL TRANSFER SWITC	SFGB	735	EAST CABLE VAULT	Screens 1, 2, 3, 4a, 4b	Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
TV-1BD-100A	STM GEN 1A BLOWDOWN TRIP VALVE,TV-BD-100A	SFGB	722	PIPE PENETRATION C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	COOL	Yes			1	1.02E-10
TV-1CC-107A	RCP 1A THERM BARR CCR OUT ISOL,TV-CC-107A	RCBX	718	-A RCP PP CUBICLE-	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Inventory	7. Pneumatic-Operated Valves	RCP	YES	DAMP	HOT	Yes			1.122	6.53E-06
TV-1CV-102	CNMT ACTIV MONITOR DISCH CNMT ISOL,TV-CV-102	SFGB	722	PIPE PENETRATION C	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A
TV-1CV-150B	CNMT VAC PP 1A CNMT ISOL, solenoid operated,TV-CV-150B	SFGB	722	PIPE PENETRATION B	Screens 1, 2, 3, 4a, 4b	PRA Model	Cat 1	NO	Containment	8B. Solenoid Valves	CIS	NO	DRY	COOL	Yes			#N/A	#N/A

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
TV-1MS-101C	LOOP 1C MAIN STEAM TRIP VALVE, TV-MS-101C	SFGB	768	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0519	0.000207
TV-1MS-105A	AFW TURB STEAM SUP A TRN TRIP VLV, TV-MS-105A	SFGB	747	MAIN STEAM VALVE ROOM	Screens 1, 2, 3, 4a, 4b,4c	PRA & IPEEE SSEL	Cat 1	NO	Containment	7. Pneumatic-Operated Valves	SGPORV	NO	DRY	HOT	Yes			1.0004	2.22E-06
VB-A	VB-A	SRVB	735	CONTROL ROOM	Screens 1, 2, 3, 4a, 4b,4e	CR Fire Panels	Cat 1	NO	ESFAS	20. Instrument and Control Panels	ESFAS	NO	DRY	COOL	Yes		Tie-wraps added to secure ceiling, 1998-2000	#N/A	#N/A
VS-AC-1A-BLOWER	CONTROL ROOM AIR HANDLING UNIT SUPPLY	SRVB	713	AC EQIP RM	Screens 1, 2, 3, 4a, 4b	Air handlers	Cat 1	NO	HVAC	10. Air handlers	HVAC	NO	DRY	COOL	Yes			N/A	N/A
VS-D-22-2C	DIESEL GENERATOR BLDG. O.A. INTAKE DAMPER, VS-D-22-2C	DGBX	735	DG ROOM TRAIN B	Screens 1, 2, 3, 4a, 4b	PRA & IPEEE SSEL	Cat 1	NO	4KV	0. Other	4kv	NO	DRY	COOL	Yes			1.0007	5.3E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
VS-D-57A1	A-CUBICLE SUPPLY DAMPER VS-D-57A1	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			6.6465	1.98E-05
VS-D-57B1	B-CUBICLE SUPPLY DAMPER VS-D-57B1	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			2.074	0.000852
VS-D-57C1	C-CUBICLE SUPPLY DAMPER VS-D-57C1	INTS	705	Intake Structure Pump Cubicle 3 (C)	Screens 1, 2, 3, 4a, 4b,4c	PRA Model	Cat 1	NO	SW/CCW	7. Pneumatic-Operated Valves	RW	NO	DAMP	WARM	Yes			1.1931	7.98E-05
VS-F-55A	EMERG. SWITCHGEAR SUPPLY DIRECT DRIVE VS-F-55A	SRVB	725	SERVICE BUILDING FLOOR 725	Screens 1, 2, 3, 4a, 4b,4f	PRA & IPEEE SSEL	Cat 1	NO	HVAC	9. Fans	HVAC	NO	DRY	COOL	Yes			25.971	7.06E-07

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

Equipment ID	Equipment Description	Building	Elevation	Area Description	Reason for Selection into SWEL 1	SSC Source	Screen 1 - Seismic Category 1	Screen 2- Regularly Inspected?	Screen 3 - Support for 5 Safety Functions	Screen 4a - Variety of Types of Equip.	Screen 4b - Variety of Systems	Screen 4c - Variety of Environments				Screen 4d - Major New & Replacement Equip.	Screen 4e - A46 outliers/ IPEEE Vulnerability	Screen 4f - Importance Contribution to Risk	
							Category	Inspected	Safety Function	EPRI 21 Categories	System	High Rad?	Moisture	Temperature	Inside?			RAW of COMP	FVI of COMP
VS-F-57B	B-CUBICLE VENTIL. FAN VS-F-57B	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4f	PRA Model	Cat 1	NO	SW/CCW	9. Fans	RW	NO	DAMP	WARM	Yes			2.0739	0.001042
WR-P-1A	RIVER PLANT WATER PUMP WR-P-1A	INTS	705	Intake Structure Pump Cubicle 1 (A)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	6. Vertical Pumps	RW	NO	DAMP	WARM	Yes	DCP-2424 replaced		1.6407	0.00699
WR-P-1B	RIVER PLANT WATER PUMP WR-P-1B	INTS	705	Intake Structure Pump Cubicle 2 (B)	Screens 1, 2, 3, 4a, 4b,4c,4d,4f	PRA & IPEEE SSEL	Cat 1	NO	SW/CCW	6. Vertical Pumps	RW	NO	DAMP	WARM	Yes	DCP-2424 replaced		2.1622	0.002041

Note: Equipment located in either SFG or MSCV are all designated to be in SFGB.

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
Makeup from Demin.	1BR-543	Pri Makeup to Fuel Pool Clg Isol.	MANUAL VALVE	Cat 2	BORON RECOVERY	AXLB	722	EAST PIPE TRENCH	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1CH-87	Blender to Refueling Cavity Isolation	MANUAL VALVE	Cat 1	CVCS	AXLB	722	BLENDER ROOM	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1CH-89	Blender to Refueling Cavity Isolation	MANUAL VALVE	Cat 2	CVCS	AXLB	722	BLENDER ROOM	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1CH-90	Primary Water Supply to Blender and Chemical Mixing Tank	MANUAL VALVE	Cat 2	CVCS	AXLB	722	BLENDER ROOM	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1CH-91	Primary Water Supply to Blender	MANUAL VALVE	Cat 2	CVCS	AXLB	722	BLENDER ROOM	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1FC-E-1A	FUEL POOL HEAT EXCHANGER 1A	Heat Exchanger	Cat 1	SFP COOLING	FULB	735		21. Tanks and Heat Exchangers	21. UNIQUE TANK	NO	DRY	COOL	Yes
SFP Cooling	1FC-E-1B	FUEL POOL HEAT EX-CHANGER 1B	Heat Exchanger	Cat 1	SFP COOLING	FULB	735		21. Tanks and Heat Exchangers		NO	DRY	COOL	Yes
SFP Cooling	1FC-P-1A	FUEL POOL CIRCULATION PUMP	Centrifugal Pump	Cat 1	SFP COOLING	FULB	735	BESIDE H/X	5. Horizontal Pumps	5. HORIZONTAL PUMP	NO	DRY	COOL	Yes
SFP Cooling	1FC-P-1B	FUEL POOL CIRCULATION PUMP	Centrifugal Pump	Cat 1	SFP COOLING	FULB	735	FUEL RECEIVING AREA	5. Horizontal Pumps		NO	DRY	COOL	Yes
SFP Cooling	1FC-PI-102A	FUEL POOL COOLING PUMP FC-P-1A DISCH P	Pressure Indicator	Cat 2	SFP COOLING	FULB	735	AT PUMP	18. Instrument (on) Racks		NO	DRY	COOL	Yes
SFP Cooling	1FC-PI-102B	FUEL POOL COOLING PUMP FC-P-1B DISCH P	Pressure Indicator	Cat 2	SFP COOLING	FULB	735	AT PUMP	18. Instrument (on) Racks		NO	DRY	COOL	Yes
SFP Cooling	1FC-TI-101A	FUEL POOL HEAT EXCHANGER OUTLET TEMPER	Temperature Indicator	Cat 2	SFP COOLING	FULB	735		18. Instrument (on) Racks		NO	DRY	COOL	Yes
SFP Cooling	1FC-TI-101B	FUEL POOL HEAT EXCHANGER OUTLET TEMPER	Temperature Indicator	Cat 2	SFP COOLING	FULB	735	NEAR HEAT EXCHANGER	18. Instrument (on) Racks		NO	DRY	COOL	Yes
SFP Cooling	1FC-TI-102A	FUEL POOL HEAT EXCHANGER OUTLET TEMPER	Temperature Indicator	Cat 2	SFP COOLING	FULB	735		18. Instrument (on) Racks		NO	DRY	COOL	Yes
SFP Cooling	1FC-TI-102B	FUEL POOL HEAT EXCHANGER OUTLET TEMPER	Temperature Indicator	Cat 2	SFP COOLING	FULB	735	NEAR HEAT EXCHANGER	18. Instrument (on) Racks		NO	DRY	COOL	Yes
Makeup from Blender	1MU	Blender mode control switch	SWITCH	Cat 1	SFP COOLING	AXLB	722		20. Instrument and Control Panels		NO	DRY	COOL	Yes
SFP Cooling	1PC-105	SPENT FUEL POOL TO HX ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-106	PP 1A SUCT ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-107	PP 1B SUCT ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
SFP Cooling	1PC-108	PP 1A DISCH CHECK	Check Valve	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-109	PP 1B DISCH CHECK	Check Valve	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-110	HX 1A IN ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-111	PP 1B DISCHARGE ISOL, HX 1B IN ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-112	PPS 1A AND 1B DISCH CROSS CONN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-113	HX 1A OUT ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-114	HX 1B OUT ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-115	DISCH TO CASK AREA ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-116	DISCH TO SPENT FUEL STG AREA ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Demin.	1PC-118	Pri Water Sup to Spent Fuel Pool Isol.	MANUAL VALVE	Cat 2	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-119	ABANDONED IN PLACE BY ECP 04-0570-01 (	MANUAL VALVE	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-120	(VS-AC-10) LEAKOFF CHECK	Check Valve	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-124	(PS-FC-102A) ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-125	(PS-FC-102B) ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-126	(PI-FC-102A) ISOL	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-127	(PI-FC-102B) INSTRUMENT DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735	AT 1FCP-1B	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-128	PPS 1A AND 1B DISCH CROSS CONN HIGH PO	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-131	HX 1A IN HIGH POINT VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-132	HX 1B IN HIGH POINT VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-133	HX 1A OUT LOW POINT DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-134	HX 1B OUT LOW POINT DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-135	CASK AREA SUP VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-136	SPENT FUEL STG AREA SUP VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
SFP Cooling	1PC-137	PP 1A DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-138	PP 1B DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735	AT FUEL POOL COOLING PUMP	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-140	HX 1A VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-141	HX 1A DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-143	HX 1B VENT	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-144	HX 1B DRAIN	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Demin/RWST	1PC-145	Fuel Pool Clg Sys to RWST Recirc Sys Isol.	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve	0d. MANUAL VALVE,OPENED FOR DEMIN/RWST MAKEUP	NO	DRY	COOL	Yes
Makeup from Demin./RWST	1PC-146	Fuel Pool Purification Sys to RWST Recirc Sys Isol.	MANUAL VALVE	Cat 2	SFP COOLING	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
SFP Cooling	1PC-1FC-102A	(PS-FC-102A) ISOL	Pressure Switch	Cat 1	SFP COOLING	FULB	735		18. Instrument (on) Racks	18. PRESSURE SWITCH	NO	DRY	COOL	Yes
SFP Cooling	1PC-1FC-102B	(PS-FC-102B) ISOL	Pressure Switch	Cat 1	SFP COOLING	FULB	735		0. other		NO	DRY	COOL	Yes
Makeup from Blender	1PC-26	FILT 1A OUT ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SE WALL VALVE TRENCH RR	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-27	FILT 1B OUT ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SE WALL VALVE TRENCH RR	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-28	Filt 1A to Spent Fuel Pool Isol Valve	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST WALL	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-29	Filt 1B to Spent Fuel Pool Isol Valve	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST WALL	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-30	FILT RTRN TO CASK AREA ISOL	MANUAL VALVE	Cat 2	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-33	CASK WASH DOWN SUP ISOL	MANUAL VALVE	Cat 2	SFP COOLING	FULB	752		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-35	Filt 1A to Refuel Cavity Isol Valve	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-36	Filt 1B to Refuel Cavity Isol Valve	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-37	Refueling Cavity Supply Cnmt Isol	MANUAL VALVE	Cat 1	SFP COOLING	SFGB	722	PENET AREA A-	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-47	RWST Return	MANUAL VALVE	Non-seismic	SFP COOLING	YARD	735	AT QS-TK-1 NE CORNER 735	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-70	(PDIS-FC-101A) LOW ROOT ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-71	(PDIS-FC-101B) LOW ROOT ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	SOUTHEAST	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
Makeup from Blender	1PC-88	FILT 1A OUT LOCAL SAMPLE ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	BELOW FILT CUB 1A	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	1PC-89	FILT 1B OUT LOCAL SAMPLE ISOL	MANUAL VALVE	Cat 2	SFP COOLING	AXLB	722	BELOW FILT CUB 1B	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Demin./RWST	1QS-37	Refuel Water to Fuel Pool Isolation Valve	MANUAL VALVE	Cat 2	QUENCH SPRAY	SFGB	735	WEST OF RWST COOLERS	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Demin.	1QS-P-2A	Refueling Water Recirculating Pump 2A	Refueling Water Recirculating Pump	Cat 2	QUENCH SPRAY	SFGB	735	QS ROOM	5. Horizontal Pumps		NO	DRY	COOL	Yes
Makeup from Demin.	1QS-P-2B	Refueling Water Recirculating Pump 2B	Refueling Water Recirculating Pump	Cat 2	QUENCH SPRAY	SFGB	735	QS ROOM	5. Horizontal Pumps		NO	DRY	COOL	Yes
Makeup from RWST	1QS-TK1	Refueling Water Storage Tank	TANK	Cat 1	QUENCH SPRAY	YARD	735	EAST OF CHEMICAL ADDITION BUILDING	21. Tanks and Heat Exchangers		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-123	Emergency Fuel Pool Cooling Connection	MANUAL VALVE	Cat 1	RIVER WATER	FULB	735		0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-124	Emergency Fuel Pool Cooling Isolation	MANUAL VALVE	Cat 1	RIVER WATER	FULB	752	VLV PIT 768	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-188	Primary CCW HX Outlet Valve	MANUAL VALVE	Cat 1	RIVER WATER	AXLB	735	WEST CENTRAL	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-189	Primary CCW HX Outlet Valve	MANUAL VALVE	Cat 1	RIVER WATER	AXLB	735	OUTLET OF CCR HX	0d. Other - check valve or manual valve	0d. MANUAL VALVE IN AXLB	NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-190	Primary CCW HX Outlet Valve	MANUAL VALVE	Cat 1	RIVER WATER	AXLB	735	WEST CENTRAL AT CC-E-1C	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-199	Disch to 1A Main Cond Outlet Isol	MANUAL VALVE	Cat 1	RIVER WATER	TRBB	693	S CORNER BY HAND RAIL 707	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-200	Disch to 1B Main Cond Outlet Isol	MANUAL VALVE	Cat 2	RIVER WATER	TRBB	693	S CORNER	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-578	Emergency Fuel Pool Cooling Isolation	MANUAL VALVE	Cat 1	RIVER WATER	AXLB	735	WEST CENTRAL	0d. Other - check valve or manual valve		NO	DRY	COOL	Yes
Makeup from Blender	43/MU	Blender mode control switch	SWITCH	Cat 1	SFP COOLING	AXLB	722		20. Instrument and Control Panels		NO	DRY	COOL	Yes
Makeup from Blender	CH-BL-2	Boric Acid Blender	TANK	Cat 1	CVCS	AXLB	752		21. Tanks and Heat Exchangers	21. UNIQUE TANK	NO	DRY	COOL	Yes
Makeup from Blender	FCV-1CH-113A	Boric Acid to Blender FCV	FCV	Cat 1	CVCS	AXLB	722	BLENDER ROOM	7. Pneumatic-Operated Valves	8B SOLENOID VALVE	NO	DRY	COOL	Yes
Makeup from Blender	FCV-1CH-113B	Blender Outlet to Chg Pumps FCV	FCV	Cat 1	CVCS	AXLB	722	BLENDER ROOM	8B. SOLENOID VALVES		NO	DRY	COOL	Yes
Makeup from Blender	FCV-1CH-114A	Primary Water to Blender FCV	FCV	Cat 2	CVCS	AXLB	722	BLENDER ROOM	8B. SOLENOID VALVES		NO	DRY	COOL	Yes
Makeup from Blender	FCV-1CH-114B	Blender Outlet to VCT FCV	FCV	Cat 1	CVCS	AXLB	722	BLENDER ROOM	8B. SOLENOID VALVES		NO	DRY	COOL	Yes
Makeup from Blender	FR-1CH-113	Boric Acid Flow RECORDER	RECORDER	Cat 2	CVCS	SRVB	735	CONTROL ROOM - VERT BOARD A	18. Instrument (on) Racks		NO	DRY	COOL	Yes
Alternate Power supply	MCC-1-21	480VAC Cub U	MCC	Cat 2	BV-1-37-SYSTEM	DGBX	735		1. Motor Control Centers and Wall-Mounted Contactors		NO	DRY	COOL	Yes

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
Alternate Power supply	MCC-1-E7	Cub B, Fuel Pool Circulating Pump	MCC	Cat 1	BV-1-37-SYSTEM	DGBX	735	DG #1 -EAST WALL	1. Motor Control Centers and Wall-Mounted Contactors	1. MCC	NO	DRY	COOL	Yes
Alternate Power supply	MCC-1-E8	Cub B, Fuel Pool Circulating Pump	MCC	Cat 1	BV-1-37-SYSTEM	DGBX	735	DG #2 -EAST WALL	1. Motor Control Centers and Wall-Mounted Contactors		NO	DRY	COOL	Yes
Makeup from FP or River Water	PI-1RW-102A1	CCR HX River Water Inlet Press gauge	PRESSURE GAUGE	Cat 1	RIVER WATER	AXLB	735	RW INLET TO CCR HTX'S	18. Instrument (on) Racks	18. PRESSURE GUAGE	NO	DRY	COOL	Yes
Makeup from FP or River Water	PI-1RW-102A2	CCR HX River Water Outlet Press gauge	PRESSURE GAUGE	Cat 1	RIVER WATER	AXLB	735	RW OUTLET TO CCR HTX'S	18. Instrument (on) Racks		NO	DRY	COOL	Yes
Alternate Power supply	PO-027	480 VOLT WELDING RECEPTACLE	POWER SUPPLY	Cat 2	BV-1-37-SYSTEM	FULB	735		0. other		NO	DRY	COOL	Yes
Makeup from Blender	YIC-1CH-113	Boric Acid Integrator (CONTROL MODULE)	CONTROL MODULE	Cat 2	CVCS	SRVB	735	CONTROL ROOM - BENCHBOARD A	0a. Other - housed in panel/cabinet		NO	DRY	COOL	Yes
Makeup from Blender	YIC-1CH-168A	Blender Output Integrator (CONTROL MODULE)	CONTROL MODULE	Cat 2	CVCS	SRVB	735	CONTROL ROOM - BENCHBOARD A	0a. Other - housed in panel/cabinet		NO	DRY	COOL	Yes

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

SFP Function	Equipment ID	Component Description	Component Type	Seismic Category	System ID	Building	Elevation	Room No.	EPRI 21 Cat	Reason for Selection	High Radiation	Moisture	Temp.	Inside?
SFP Cooling	1FC-E-1A	FUEL POOL HEAT EXCHANGER 1A	Heat Exchanger	Cat 1	SFP COOLING	FULB	735		21. Tanks and Heat Exchangers	21. UNIQUE TANK	NO	DRY	COOL	Yes
SFP Cooling	1FC-P-1A	FUEL POOL CIRCULATION PUMP	Centrifugal Pump	Cat 1	SFP COOLING	FULB	735	BESIDE H/X	5. Horizontal Pumps	5. HORIZONTAL PUMP	NO	DRY	COOL	Yes
Makeup from Demin/RWST	1PC-145	Fuel Pool Clg Sys to RWST Recirc Sys Isol.	MANUAL VALVE	Cat 1	SFP COOLING	FULB	735		0d. Other - check valve or manual valve	0d. MANUAL VALVE,OPENED FOR DEMIN/RWST MAKEUP	NO	DRY	COOL	Yes
SFP Cooling	1PC-1FC-102A	(PS-FC-102A) ISOL	Pressure Switch	Cat 1	SFP COOLING	FULB	735		18. Instrument (on) Racks	18. PRESSURE SWITCH	NO	DRY	COOL	Yes
Makeup from FP or River Water	1RW-189	Primary CCW HX Outlet Valve	MANUAL VALVE	Cat 1	RIVER WATER	AXLB	735	OUTLET OF CCR HX	0d. Other - check valve or manual valve	0d. MANUAL VALVE IN AXLB	NO	DRY	COOL	Yes
Makeup from Blender	CH-BL-2	Boric Acid Blender	TANK	Cat 1	CVCS	AXLB	752		21. Tanks and Heat Exchangers	21. UNIQUE TANK	NO	DRY	COOL	Yes
Makeup from Blender	FCV-1CH-113A	Boric Acid to Blender FCV	FCV	Cat 1	CVCS	AXLB	722	BLENDER ROOM	7. Pneumatic-Operated Valves	8B SOLENOID VALVE	NO	DRY	COOL	Yes
Makeup from FP or River Water	PI-1RW-102A1	CCR HX River Water Inlet Press gauge	PRESSURE GAUGE	Cat 1	RIVER WATER	AXLB	735	RW INLET TO CCR HTX'S	18. Instrument (on) Racks	18. PRESSURE GUAGE	NO	DRY	COOL	Yes

5.0 SEISMIC WALKDOWN AND AREA WALK-BYS

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

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

5.1 WALKDOWN PREPARATION

The overall procedure directly implements the EPRI guidelines. However, due to their unique nature, the following description gives special attention to the (1) selection and execution of the configuration checks of selected anchorage, and (2) the verification of the seismic adequacy of block walls in the vicinity of equipment on the SWEL. EPRI guidelines recommend that a minimum of 50 percent of the equipment considered in the walkdown be examined to document the existing anchorage configurations, and assess this configuration relative to the design basis. It also recommends that the block wall maps be retrieved to document previous evaluations in support of NTTF 2.3.

Prior to the walkdowns, the Seismic Walkdown Engineers (SWE) examined available plant documentation associated with (1) anchorage design, and (2) block wall capacity calculations, and correlated these to relevant SWEL components and the respective Seismic Walkdown Checklists (SWC) and Area Walk-By Checklists (AWC). This pre-walkdown activity contributed to gaining familiarity and critical insights regarding the components and areas to be walked down. The relevant design documentation, drawings and calculations were uploaded to each of the SWEs electronic tablets used during the walkdown with the intention of verifying, if required, any anchorage configuration or block wall seismic adequacy.

5.2 NTTF 2.3 WALKDOWNS

The NTTF 2.3 walkdowns at Beaver Valley Unit 1 were performed over a duration of five days from September 10 to September 14, 2012. During the walkdowns, the SWEs completed the walkdown checklists as SWEL components were inspected. The SWEs discussed their observations and judgments with each other, and collectively came to agreement on the results of their Seismic Walkdowns and Area Walk-Bys before documenting the results on SWCs or AWCs. Any issues that could not readily be resolved or agreed upon by consensus of the SWEs were further evaluated at the end of each day through further assessments (e.g., calculations) or identification of existing plant documents. If any identified condition could not be easily determined to be acceptable, a Condition Report (CR) was issued on the same day to be further evaluated for compliance with the Seismic Licensing Basis and additionally to be evaluated under the plant's Corrective Action Program.

Selected anchorage configurations were verified for 50% of the floor or wall mounted components on the SWEL with respect to design documentation, including anchorage design drawings and A-46/IPEEE calculations.

Masonry walls in the vicinity of SWEL and non-SWEL items were recorded in the SWCs and AWCs. Subsequently, the SWEs verified the seismic adequacy of the block walls based on IE Bulletin 80-11 documentation.

5.3 POST WALKDOWN ACTIVITIES

The primary activity after the walkdown involved compiling the SWCs and the AWCs. Additional documentation, such as design calculations and/or A-46/IPEEE submittals, was also reviewed to support configuration checks. Photographs taken during the walkdown were linked to the respective checklists. Some of the findings of the walkdown that could not readily be dispositioned during the walkdowns were evaluated further through additional calculation/modification package reviews for proper disposition. Any potentially adverse seismic condition identified in either the equipment Seismic Walkdowns or the Area Walk-Bys were evaluated with respect to their seismic licensing basis at the end of each day. In some cases the adverse condition was resolved through additional assessment in the form of quick calculations or identification of plant documents that substantiated the as-built condition. If the potentially adverse seismic condition could not be readily shown to meet its seismic licensing

basis, then the condition was immediately documented in a Condition Report (CR) to be further evaluated under the plant's Corrective Action Program (CAP). The results of these assessments were then documented in their respective SWCs or AWCs. For this reason, the checklists were not formally signed until all the documentation including reviewer comments were incorporated. This report serves as the official documentation of the walkdown although the date of the report approval is different than the dates of the walkdowns. No "timeline" can be reconstructed to document the internal comment cycle and this report serves as a "snapshot" assessment of plant conditions. The post walkdown activity also developed this walkdown report.

5.4 POTENTIALLY ADVERSE CONDITION REPORTING

Process used in determining whether an identified potentially adverse condition required entry in the site's corrective action program or not:

The Seismic Walkdown Engineers (SWEs) documented their findings in the field directly in iPads that were used in completing the walkdown checklists. Once they identified any potentially adverse condition during their walkdowns, they immediately consulted among themselves first to determine if the identified anomaly had any significant impact on the SSC's capability to perform its intended design function. The basis for this assessment was based on design basis acceleration level at the base of the SSC, load carrying capability of the component, significance of the issue, significance of the component, allowable stresses per AISC and ACI codes, and any other attribute that would help in making a sound engineering judgment. If additional information was needed, they immediately contacted site engineers to gather additional data/information to make a decision. If any immediate action was required, it was taken accordingly. Additionally, technical expertise and the knowledge of the site structural engineering personnel were utilized in evaluating the identified anomaly and making a decision whether it required entry to corrective action program. This was done as they were more knowledgeable in the design and licensing basis of the plant.

At the completion of walkdown activities each day, a collegial meeting was held between the walkdown team, the team's mentor, Farzin Beigi, the Peer Reviewers, and the site design engineering personnel to debrief the findings of the day and any potential conditions adverse to quality. Any condition that was clearly a violation of the design or licensing basis was written as a condition report on the day of discovery. Some conditions were not clearly violations, but it may have been unclear whether there was any cause for concern. These conditions appeared to meet their design requirements, but required some verification. These items are noted in Table

6-5 and Table 6-6. The tables document "potential" issues that would be adverse to quality. In general, they are a documentation of varying degrees of experience and use of engineering judgments. The basis for excluding an issue from being a condition report is documented in the walkdown checklist to ensure retrievability.

6.0 SUMMARY OF THE WALKDOWN RESULTS

6.1 WALK DOWN ITEMS AND WALK-BY AREAS

The SWEL 1 included a total of 113 components, and SWEL2 included a total of 8 components. From this total of 121 components, 108 components were walked down and 13 components were inaccessible and will require walkdown during the next plant's refueling outage. These thirteen items located inside the Containment Building will be walked down later during the next scheduled plant refueling outage. Notification No. 600788346 has been generated to have these walkdowns performed during the next refueling outage. Table 6-1 and Table 6-2 identify the walkdown items and walk-by areas, respectively, and Table 6-3 presents a list of items on the SWEL which were inaccessible while the plant is in operation. These components will be walked down during the next plant's refueling outage. Three motor operated valves MOV-1QS-101B, MOV-1SI-860B, and MOVE-1SI-862A were part of the SEL components to be walked down. As noted on their respective checklists, the valves themselves were inaccessible, but the operators were accessible. The operators were walked down, but the in line valves were not. The areas walk-bys and the walkdown items are cross correlated on the respective SWCs and AWCs. Table 6-4 provides the list of equipment that was walked down by EPRI equipment class.

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

Equipment ID No	Equip. Class	Bldg	Floor El	Area Description
1CC-E-1A	21. Tanks and Heat Exchangers	AXLB	735	Primary Aux. Bldg 735'6"
1EE-EG-1	17. Engine Generators	DGBX	735	DG Room Train A
1EE-EG-2	17. Engine Generators	DGBX	735	DG Room Train B
1FC-E-1A	21. Tanks and Heat Exchangers	FULB	735	Fuel Building
1FC-P-1A	5. Horizontal Pumps	FULB	735	Beside H/X
1FW-PNL-100B	20. Instrument and Control Panels	SFGB	735	West Cable Vault----South East Corner

Table 6-1: Beaver Valley 1 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equip. Class**	**Bldg**	**Floor El**	**Area Description**
1PC-145	0. Other – check/manual valve	FULB	735	Fuel Building
1PC-1FC-102A	18. Instrument (on) Racks	FULB	735	Fuel Building
1RW-189	0. Other – check/manual valve	AXLB	735	Outlet of CCR HX
480VUS-1-8-N	2. Low Voltage Switchgear and Breaker Panels	SRVB	713	Emergency Switchgear Room Train A
480VUS-1-9-P	2. Low Voltage Switchgear	SRVB	713	Emergency Switchgear Room Train B
4KVS-1AE	3. Medium Voltage Switchgear	SRVB	713	Emergency Switchgear Room Train A
4KVS-1DF	3. Medium Voltage Switchgear	SRVB	713	Emergency Switchgear Room Train B
BAT-1-1	15. Battery Racks	SRVB	713	Battery Room #1
BAT-1-2	15. Battery Racks	SRVB	713	Battery Room #2
BAT-CHG-1-1	16. Battery Chargers and Inverters	SRVB	713	Emerg Swgear Rm Tr A
BAT-CHG1-2-A	16. Battery Chargers and Inverters	SRVB	713	Emergency Switchgear Room Train B
BAT-CHG-1-3	16. Battery Chargers and Inverters	SRVB	713	Emerg SW Rm Tr A
BB-A1	20. Instrument and Control Panels	SRVB	735	Control Room
CC-TK-1	21. Tanks and Heat Exchangers	AXLB	768	CCW Surge Tank
CH-BL-2	21. Tanks and Heat Exchangers	AXLB	752	Aux Bldg 768
CH-P-1C	5. Horizontal Pumps	AXLB	722	Charging Pump Cubicle 1C
CH-P-2A	5. Horizontal Pumps	AXLB	752	Boric Acid Pump Cubicle B
CH-TK-1A	21. Tanks and Heat Exchangers	AXLB	752	Boric Acid Tank 1A
DC-SWBD1-1	14. Distribution Panels and Automatic Transfer Switches	SRVB	713	Emergency Switchgear Room Train A
DC-SWBD1-2	14. Distribution Panels and Automatic Transfer Switches	SRVB	713	Emergency Switchgear Room Train B
DC-SWBD1-3	14. Distribution Panels and Automatic Transfer Switches	SRVB	713	Emergency Switchgear Room Train A

Table 6-1: Beaver Valley 1 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equip. Class**	**Bldg**	**Floor El**	**Area Description**
DC-SWBD1-4	14. Distribution Panels and Automatic Transfer Switches	SRVB	713	Emergency Switchgear Room Train A
EE-P-1A	5. Horizontal Pumps	DGBX	735	DG Room Train A
EE-TK-2A	21. Tanks and Heat Exchangers	DGBX	735	DG Room Train A
FCV-1CH-113A	7. Pneumatic-Operated Valves	AXLB	722	Blender Room
FCV-1FW-103B	7. Pneumatic-Operated Valves	SFGB	735	QS/AFW Pump Room
FW-59	0. Other – check/manual valve	SFGB	735	QS/AFW Pump Room
FW-P-2	5. Horizontal Pumps	SFGB	735	QS/AFW Pump Room
FW-P-3A	5. Horizontal Pumps	SFGB	735	QS/AFW Pump Room
FW-T-2	5. Horizontal Pumps	SFGB	735	QS/AFW Pump Room
HCV-1CH-186	7. Pneumatic-Operated Valves	AXLB	722	Blender Room
INV-VITBUS1-1	16. Battery Chargers and Inverters	SRVB	713	Emergency Switchgear Room Train A
INV-VITBUS1-3	16. Battery Chargers and Inverters	SRVB	713	Emergency Switchgear Room Train A
INV-VITBUS1-4	16. Battery Chargers and Inverters	SRVB	713	Emergency Switchgear Room Train B
LS-1EE-201-1	18. Instrument (on) Racks	DGBX	735	DG Room Train A
LT-1QS-100A	18. Instrument (on) Racks	YARD	735	AT QS-TK-1
MCC-1-E1	1. Motor Control Centers	INTS	705	Intake Structure Pump Cubicle 1 (A)
MCC-1-E12	1. Motor Control Centers	SFGB	735	East Cable Vault
MCC-1-E13	1. Motor Control Centers	SFGB	756	Motor Control Center Room
MCC-1-E4	1. Motor Control Centers	AXLB	735	Primary Aux. Bldg 735'6"--West Wall Near CC-E-1C
MCC-1-E6	1. Motor Control Centers	SFGB	735	East Cable Vault
MCC-1-E7	1. Motor Control Centers	DGBX	735	DG Room Train A
MCC-1-E8	1. Motor Control Centers	DGBX	735	DG Room Train B-- -East Wall
MOV-1FW-151E	8A. Motor-Operated Valves	SFGB	735	QS/AFW Pump Room
MOV-1MS-105	8A. Motor-Operated Valves	SFGB	751	Main Steam Valve Room

Table 6-1: Beaver Valley 1 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equip. Class**	**Bldg**	**Floor El**	**Area Description**
MOV-1QS-101B	8A. Motor-Operated Valves	SFGB	735	Pipe Tunnel---W Area RR 745 - Shallow Pit
MOV-1RW-102A2	8A. Motor-Operated Valves	INTS	705	Intake Structure Pump Cubicle 1 (A)
MOV-1RW-103A	8A. Motor-Operated Valves	AXLB	722	Primary Aux. Bldg 722'6"--East Central
MOV-1RW-103B	8A. Motor-Operated Valves	AXLB	722	Primary Aux. Bldg 722'6"--East Central
MOV-1RW-113B	8A. Motor-Operated Valves	DGBX	735	DG Room Train A
MOV-1RW-114B	8A. Motor-Operated Valves	AXLB	722	Primary Aux. Bldg 722'6"--East Central
MOV-1SI-860B	8A. Motor-Operated Valves	SFGB	747	Valve Pit 688
MOV-1SI-862A	8A. Motor-Operated Valves	SFGB	747	Valve Pit 689
MOV-RW-117	8A. Motor-Operated Valves	AXLB	722	Primary Aux. Bldg 722'6"--East Central
PCV-1MS-101C	8B. Solenoid Valves	SFGB	768	Main Steam Valve Room
PI-1RW-102A1	18. Instrument (on) Racks	AXLB	735	RW Inlet To CCR HTX'S
PNL-1MS-101A	20. Instrument and Control Panels	SFGB	751	Main Steam Valve Room
PNL-1MS-101B	20. Instrument and Control Panels	SFGB	751	Main Steam Valve Room
PNL-AC1-BUS-1E	20. Instrument and Control Panels	SRVB	713	Relay Room ----West Wall
PNL-AC1-E1	20. Instrument and Control Panels	SRVB	713	Emergency Switchgear Room Train A
PNL-DC1-3	20. Instrument and Control Panels	SRVB	735	Control Room
PNL-DGEA-1	20. Instrument and Control Panels	DGBX	735	DG Room Train A
PNL-DIGEN-1	20. Instrument and Control Panels	DGBX	735	DG Room Train A
PNL-DIGEN-2	20. Instrument and Control Panels	DGBX	735	DG Room Train B
PNL-VITBUS1-2	14. Distribution Panels and Automatic Transfer Switches	SRVB	735	Control Room
PNL-VITBUS1-3	14. Distribution Panels and Automatic Transfer Switches	SRVB	735	Control Room
PT-1RW-113A	18. Instrument (on) Racks	AXLB	735	Primary Aux. Bldg 735'6"--CCR HX Inlet HDR
QS-P-1B	5. Horizontal Pumps	SFGB	735	QS/AFW Pump Room
REAC-TR-SWGR-1A	2. Low Voltage Switchgear and Breaker Panels	SRVB	713	Motor Generator Room
RK-1PRI-PROC-12	20. Instrument and Control Panels	SRVB	713	Process Instrumentation Room

Table 6-1: Beaver Valley 1 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equip. Class**	**Bldg**	**Floor El**	**Area Description**
RK-AUX-RPTST-A	20. Instrument and Control Panels	SRVB	713	Process Instrumentation Room
RK-NUC-INS-1	20. Instrument and Control Panels	SRVB	735	Control Room
RK-VV-REL-B	20. Instrument and Control Panels	SRVB	713	Process Instrumentation Room
RS-P-2B	6. Vertical Pumps	SFGB	732	B RS Pump Cubicle
RW-183	0. Other – check/manual valve	AXLB	735	Primary Aux. Bldg 735'6"--East Central
RW-57	0. Other – check/manual valve	INTS	705	Intake Structure Pump Cubicle 1 (A)
SAF-SW-65	20. Instrument and Control Panels	SRVB	713	Emergency Switchgear Room Train A
SI-P-1A	6. Vertical Pumps	SFGB	751	LHSI Pump 1A
SI-TK-2	21. Tanks and Heat Exchangers	AXLB	722	Primary Aux. Bldg 722'6"--At BIT Cubicle
SV-MS-104B	7. Pneumatic-Operated Valves	SFGB	768	Main Steam Valve Room
TCV-1CH-144	7. Pneumatic-Operated Valves	AXLB	722	Primary Aux. Bldg 722'6"--NE Corner
TI-1EE-301	19 Temperature sensors	DGBX	735	DG Room #1
TRANS-1-8N	4. Transformers	SRVB	713	Emergency Switchgear Room Train A
TRANS-1-8N1	4. Transformers	SRVB	713	Normal Switchgear Area
TRANS-1-9P	4. Transformers	SRVB	713	Emergency Switchgear Room Train B
TRF-1015	4. Transformers	SRVB	713	Emergency Switchgear Room Train A
TRS-BIP-PNL1	20. Instrument and Control Panels	SFGB	735	East Cable Vault
TV-1BD-100A	7. Pneumatic-Operated Valves	SFGB	722	Pipe Penetration C
TV-1CV-102	8B. Solenoid Valves	SFGB	722	Pipe Penetration C
TV-1CV-150B	8B. Solenoid Valves	SFGB	722	Pipe Penetration B
TV-1MS-101C	7. Pneumatic-Operated Valves	SFGB	768	Main Steam Valve Room
TV-1MS-105A	7. Pneumatic-Operated Valves	SFGB	747	Main Steam Valve Room
VB-A	20. Instrument and Control Panels	SRVB	735	Control Room
VS-AC-1A-BLOWER	10. Air handlers	SRVB	713	AC Equip Rm
VS-D-22-2C	0. Other – check/manual valve	DGBX	735	DG Room Train B
VS-D-57A1	7. Pneumatic-Operated Valves	INTS	705	Intake Structure Pump Cubicle 1 (A)
VS-D-57B1	7. Pneumatic-Operated Valves	INTS	705	Intake Structure Pump Cubicle 2 (B)
VS-D-57C1	7. Pneumatic-Operated Valves	INTS	705	Intake Structure Pump Cubicle 3 (C)

Table 6-1: Beaver Valley 1 NTTF 2.3 Walkdown Items (SWEL 1+2)				
Equipment ID No	**Equip. Class**	**Bldg**	**Floor El**	**Area Description**
VS-F-55B	9. Fans	SRVB	725	Service Building Floor 725
VS-F-57B	9. Fans	INTS	705	Intake Structure Pump Cubicle 2 (B)
WR-P-1A	6. Vertical Pumps	INTS	705	Intake Structure Pump Cubicle 1 (A)
WR-P-1B	6. Vertical Pumps	INTS	705	Intake Structure Pump Cubicle 2 (B)

Note: Equipment located in either SFG or MSCV are all designated to be in SFGB.

Table 6-2: Beaver Valley 1 NTTF 2.3 Walk-By Areas*		
Area	**Bldg**	**Floor El**
AC Equip RM	SRVB	713
AT QS-TK-1	YARD	735
Aux bldg768	AXLB	768
B RS Pump Cubicle	SFGB	732
BAT-1ROOM	SRVB	713
Battery Room #2	SRVB	713
Blender Room	AXLB	722
Boric Acid Pump Cubicle B	AXLB	752
Boric Acid Tank 1A	AXLB	752
CCW Surge Tank	AXLB	768
Charging Pump Cubicle 1A	AXLB	722
Charging Pump Cubicle 1C	AXLB	722
Control Room	SRVB	735
DG Room #1	DGBX	735
DG Room Train A	DGBX	735
DG Room Train B--East Wall	DGBX	735
East Cable Vault	SFGB	735
Emer Swgr Room Train A	SRVB	713
Emer Swgr Room Train B	SRVB	713
Fuel building	FUBD	713
INTS Pump Cubicle 1(A)	INTS	705
INTS Pump Cubicle 2(B)	INTS	705
INTS Pump Cubicle 3(C)	INTS	705
LHSI Pump 1B	SFGB	751
Main Steam Valve Room	SFGB	751
Motor Generator Room	SRVB	713
Normal Switchgear Area	SRVB	713
Pipe Penetration C	SFGB	722
Prim Aux Bldg 735'6 HX Inlet	AXLB	735
Prim Aux Bldg 735'6 W. Wall	AXLB	735
Prim. Aux Bldg 735'6 E Central	AXLB	735
Prim. Aux. BLDG 722'6 BIT Cub.	AXLB	722
Prim. Aux. BLDG 722'6 E Cent.	AXLB	722
Prim. Aux. BLDG 722'6 NE Corner	AXLB	722
Prim. Aux. Bldg. 735'6	AXLB	735

Table 6-2: Beaver Valley 1 NTTF 2.3 Walk-By Areas*		
Area	**Bldg**	**Floor El**
Prim. Aux. Bldg. 735'6	AXLB	735
QS-AFW Pump Room	SFGB	735
Relay Room	AXLB	713
Service Building Floor 725'	SRVB	725
Valve Pit 688'	SFGB	747
West Cable Vault - SE Corner	SFGB	735

* Does not include areas in Containment Building.

Note: Equipment located in either SFG or MSCV are all designated to be in SFGB.

Table 6-3: Beaver Valley 1 NTTF 2.3 Inaccessible Items on SWEL1+2*

Equip. ID	Description	Bldg	El	Area Description
GN-TK-1B	NITROGEN ACCUMULATOR TANK GN-TK-1B	RCBX	767	REACTOR CONTAINMENT BUILDING
LT-1FW-475	SG1A BIP NARROW RANGE LEVEL TRANSMITTER LT-1FW-475	RCBX	718	OUTSIDE 1A STEAM GEN CUBICLE
MOV-1RC-535	PORV BLOCK VALVE MOV-RC-535	RCBX	767	PRESSURIZER CUBICLE
PCV-1RC-455D	PZR PORV PCV-RC-455D	RCBX	767	PRESSURIZER CUBICLE
PCV-CC-101	CNMT AIR COMPR CHILLED WATER SUP PRESS CONT	RCBX	718	REACTOR CONTAINMENT BUILDING
PT-1RC-403	REACTOR COOLANT WIDE RANGE PRESSURE, PT-RC-403	RCBX	692	701 KEYWAY WALL
RH-P-1A	RHR PUMP RH-P-1A	RCBX	707	RHR PLATFORM
RS-E-1D	RECIRC SPRAY HEAT EXCHANGER RS-E-1D	RCBX	718	RECIRC SPRAY CLRS
RS-P-1A	INSIDE RECIR. PUMP RS-P-1A	RCBX	692	AT CNMT SUMP
SI-24	LOOP 2 COLD LEG SI SUP CHECK VALVE SI-24	RCBX	718	AT 1B LOOP CUB
SOV-1RC-103B	SOV-RC-103B	RCBX	767	ON PZR CUBICLE OUTSIDE WALL
TV-1CC-107A	RCP 1A THERM BARR CCR OUT ISOL,TV-CC-107A	RCBX	718	-A RCP PP CUBICLE-
TI-1CC-131C	CNMT RECIRC AIR COOLERS INLET LOOP #3	RCBX	692	REACTOR CONTAINMENT BUILDING (690)

*These equipments will be walked down during the next scheduled refueling outage

Table 6-4: Beaver Valley 1 NTTF 2.3 Components Categorized by EPRI Classes		
EPRI Cat No.	**Equipment Description**	**Components Walked Down**
0	Other	7
1	Motor Control Centers and Wall-Mounted Contactors	7
2	Low Voltage Switchgear and Breaker Panels	3
3	Medium Voltage, Metal-Clad Switchgear	2
4	Transformers	4
5	Horizontal Pumps	10
6	Vertical Pumps	4
7	Pneumatic-Operated Valves	14
8	Motor-Operated and Solenoid-Operated Valves	16
9	Fans	2
10	Air Handlers	1
11	Chillers	0
12	Air Compressors	0
13	Motor Generators	0
14	Distribution Panels and Automatic Transfer Switches	6
15	Battery Racks	2
16	Battery Chargers and Inverters	6
17	Engine Generators	2
18	Instrument (on) Racks	7
19	Temperature Sensors	2
20	Instrumentation and Control Panels	17
21	Tanks and Heat Exchangers	9
	Total	***121***

6.2 WALK DOWN AND AREA WALK-BY FINDINGS

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

Several relatively minor findings are reported here. Observations in this respect are organized on the basis of potentially adverse seismic conditions identified during both *Seismic Walkdowns* and *Area Walk-Bys*.

6.2.1 Seismic Walkdown Findings

The following section presents potentially adverse seismic conditions and findings identified during the Seismic Walkdowns. A total of 6 potentially adverse seismic conditions were identified during the Seismic Walkdowns. Table 6-5 provides as summary of all 6 adverse finding conditions identified. As shown in Table 6-5, only one condition report (CR 2012-14321) was issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation is not required are provided in the Component's respective SWC provided in Appendix B.

Table 6-5: Potentially Adverse Seismic Conditions Identified from Seismic Walkdowns

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
1EE-EG-1	17. Engine Generators	No grout below middle section of EDG's	No	SWC for 1EE-EG-1
1EE-EG-2	17. Engine Generators	No grout below middle section of EDG's	No	SWC for 1EE-EG-2

Table 6-5: Potentially Adverse Seismic Conditions Identified from Seismic Walkdowns

Equipment ID No	Equipment Class	Description of Adverse Seismic Condition	Licensing Basis Evaluation Required	Reference for Justification
MCC-1-E6	1. Motor Control Center	Cable trays possible interaction with MCCs	No	SWC for MCC-1-E6
MCC-1-E12	1. Motor Control Center	Cable trays possible interaction with MCCs	No	SWC for MCC-1-E12
DC-SWBD1-2	14. Distribution Panels	Battery charger and switchboard not bolted together	Yes	CR 2012-14321 (Initiated on 9/18/12)
BAT-CHG1-2-A	16. Battery Chargers and Inverters	Battery charger and switchboard not bolted together	Yes	CR 2012-14321 (Initiated on 9/18/12)

- ***Masonry Block Walls***

Based on calculations presented in response to *IE Bulletin 80-11,* Masonry block walls identified in the vicinity of walked-down SWEL items, and in Area Walk-bys have adequate seismic capacity. Appendix E presents the list of block walls associated with the nearby SWEL/Area Walk-by items, and as the referenced calculations used for verification of the block wall seismic capacity.

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 10 potentially adverse seismic conditions were identified during the area walk-bys. Table 6-6 provides a summary of all 10 potentially adverse seismic conditions identified. As shown in Table 6-6, seven condition reports were issued, which required Licensing Basis Evaluation. Justifications for findings for which a Licensing Evaluation is not required are provided in the Area's respective AWCs provided in Appendix C.

Table 6-6: 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**
INTS Pump Cubicle 3(C)	INTS	705	Pump 1WR-P-1C has 2 anchor bolts that are corroded.	Yes	CR 2012-13969 (Initiated on 9/12/12)
DG Room Train A	DGBX	735	Black marks identified for EDG exhaust	No	AWC for DG Room Train A
Pipe Penetration C	SFGB	722	Security barrier near PT-1CV-101B	Yes	CR 2012-14020 (Initiated on 9/13/12)
Pipe Penetration C	SFGB	722	Surface corrosion for valve 1AC-150	Yes	CR 2012-13971 (Initiated on 9/12/12)
Various	Various	Various	Old deficiency tags identified	Yes	CR 2012-13972 (Initiated on 9/12/12) CR 2012-13974 (Initiated on 9/12/12)
Main Steam Valve Room	SFGB	751	Pipe contact with knee brace	No	AWC for Main Steam Valve Room
Control Room	SRVB	735	Control Room ceiling tiles	No	AWC for Control Room
Fuel Building	FULB	735	Potential for spray from space heater	No	AWC for Fuel Building
Prim. Aux Bldg 735'6 E Central	AXLB	735	Missing bolt near hanger	Yes	CR 2012-14047 (Initiated on 9/13/12)
Pipe Penetration C	SFGB	722	Corrosion on nuts on valve TV-1CC-110F2	Yes	CR 2012-13970 (Initiated on 9/12/12)

As illustrated in Table *6-6*, some of the condition reports issued will not require a Licensing Basis Evaluation since the findings were subsequently resolved. These situations are described briefly below.

- ***Security barrier near PT-1CV-101B***

During the area walk-bys, SWEs identified a security shield barrier near a pressure transmitter (PT-1CV-101B) at elevation 722' in the Pipe Penetration C Room located in the Safeguards Building. This situation presented a potential seismic interaction concern due to the proximity of the barrier with respect to the pressure transmitter. The Security Shift Supervisor was contacted and immediate action was taken to move the barrier away from the pressure transmitter and be relocated to a safer location. No further action was required. (Ref. CR 2012-14020)

- ***Surface corrosion for valve 1AC-150***

While performing the area walk-by for the Pipe Penetration C Room, it was observed that Valve 1AC-150 presented mild corrosion on the valve body. Immediate action was taken and the engineering supervisor was notified about the condition observed. Notification No. 600785632 was issued in order to clean and paint the corresponding valve. No further action was required since it was judged that the corrosive state will not affect the valve's intended design function. (Ref. CR 2012-13971)

Figure 6-1: Surface corrosion for valve 1AC-150

- ***Old deficiency tags identified***

During the area walk-bys, it was observed that deficiency tags have been in place for various components for an extended period of time apparently, without assessment of the condition. Condition reports CR-2012-13972 and CR-2012-13974 address the specific components where these tags were indentified. The SWT proceeded to initiate notification Nos. 600785633 and 600785694 in order to perform the work needed to assess the situation. The SWE's concluded that the deficiencies identified will not affect the component's intended design functions.

Figure 6-2: Corroded valves with old deficiency tags.

CR-2012-13972 issued to address these conditions

6.3 CONFIGURATION CHECKS

The SWELL 1+2 included 76 items, which were not in-line components such as valves. The process of verifying the anchorage configuration focused on 39 SWEL components arbitrarily selected prior to walkdown proceedings (this is 51% of the SWEL items with anchorage configurations). Appendix D provides a list of the 39 components comprising the anchorage configuration list linked with the specific references used for verification purposes; i.e., A46/IPEEE Calculations, design drawings, etc.

The anchorage configuration for each of the 39 SWEL components listed in Appendix D was verified based on A46/IPEEE Calculations and Plant Design documentation. SWEs referred to design drawings as the main reference for anchorage verification whenever it was possible to have a complete field inspection of the anchorage. The design drawings were uploaded onto electronic tablets for quick accessibility during the walkdowns and verification of the as-installed configuration against the design drawings. In cases where design basis drawings were not readily identifiable, SWEs referred to previous A46/IPEEE Calculations to ensure that the configuration was assessed during the IPEEE program and no design concerns were identified. These configuration checks verified consistency of as-installed conditions to that of the design drawings/calculations in all 38 instances.

7.0 LICENSING BASIS EVALUATION

7.1 LICENSING BASIS EVALUATION PERSONNEL

The licensing basis evaluations for the condition reports generated during the Seismic 2.3 walkdowns were exclusively performed by the structural personnel from Beaver Valley Site Design Engineering organization as they were the most knowledgeable on the plant's design and licensing basis requirements.

7.2 SUMMARY OF LICENSING BASIS EVALUATION PERFORMED

Nine condition reports (CR) were generated as a result of these walkdowns. The following is a list of the condition reports written as a result of the walkdowns CR-2012-13969, CR-2012-13970, CR-2012-13971, CR-2012-13972, CR-2012-13974, CR-2012-14020, CR-2012-14047,

CR-2012-14321, and CR-2012-14347. The following summarizes the condition and resolution to the condition reports written as a result of the walkdowns.

CR-2012-13969
It was observed that two out of eight nuts for the bolts anchoring the Pump WR-P-1C to the floor are corroded. This pump is located inside the intake structure at elevation 705' Cubicle C.

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

Initiated Notification No. 600785650 to replace the nuts under work order 200530167.

CR-2012-13970
It was observed that two out of twelve nuts for the bolts for Component TV-1CC-110F2 are corroded. This component is located inside Safeguard Building at elevation 722' in Pipe Penetration C Room.

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

Initiated Notification No. 600785631 to replace the nuts under work order 200530160.

CR-2012-13971
It was observed that Valve 1AC-150 has mild corrosion deposited on the valve body. This component is located inside Safeguard Building at elevation 722' in Pipe Penetration C Room.

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

Initiated Notification 600785632 to clean the corroded areas under work order 200530161.

CR-2012-13972

It was observed that at elevation 735' in Safeguard Building Quench Spray Room, deficient tags have been in place on various components for extended duration which have not been addressed in a timely fashion. Specifically, following anomalies have been noted:

1. Component 1AC-310: Inadequate thread engagement on packing studs and rust on the valve (Ref Tag ID 60734). 1/2 threads lacking engagement in one stud.
2. Component TV-1CC-123-2: Mild corrosion on the component
3. Component 1AC-305: Mild corrosion on the component

Observation concluded that the anomalies noted above are such that the components are still capable to perform their intended design basis function based on engineering judgment. Mild corrosion does not affect calculations or drawings, and thread is still engaged on the other component so design basis is not affected.

Initiated Notification Nos. 600785633, 600786401 and 600786402 to perform the work under work orders 200530162, 200530661, and 200530662.

CR-2012-13974

While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that at elevation 747' in Safeguard Building Valve Garden, a deficient tag has been in place on the following component since 2003. Ref: Tag ID 45508

Component MOV-1SI-864B (Local Valve Indication Pin sheared off). The local valve indication pin is not required by design basis, and therefore does not violate the design basis documents.

Initiated Notification No. 600785694 to replace the indication pin and close the deficiency tag under work order 200015714.

CR-2012-14020

It was observed that a Security Shield Barrier was located too close to SR Component PT-1CV-101B at El. 722' Unit-1 Safeguard Building in Pipe Penetration C Room. This posed a seismic interaction concern that during a seismic event it had a potential to hit the pressure transmitter and potentially make the component not performing its intended design function.

The security shift supervisor has been contacted and the shield was moved to a safer location. There is no infringement on the design basis.

CR-2012-14047
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that Pipe Support H-70 has a missing anchor bolt. One of the six anchor bolts is missing.

A review of calculation for Pipe Support H-70 was performed (Ref: Calculation 13387.02-S (B)-24CC2-B), and it concluded that the base plate was qualified with a five bolt configuration. The missing bolt was noted. Therefore this is only a configuration issue and not a plant operability concern as the support design is in full compliance with the design basis requirements.

Initiated Notification No. 600785698 to update drawings and install a placard on the support noting that it has been analyzed. Work to be done under work order 200530170.

CR-2012-14321
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that there is a potential of seismic interaction between the Switch Board DC-SWBD1-2 and Battery Charger BAT-CHG1-2 as they are not connected to each other. These components are located side by side with zero gaps in between them. During a seismic event, there is a potential for these components to bang against each other and cause chatter of relays inside the battery charger. These components are located inside DF Switchgear Room at El 713' in U-1 Service Building. This does not violate the design basis documents.

CR-2012-14347
This CR has been generated to capture all the issues in one condition report (roll-up CR) that have been identified during NRC 50.54f Letter Section 2.3 Seismic Walkdowns performed at Beaver Valley Unit-1 Plant during the week of September 10, 2012.

There are no new anomalies identified in this CR as individual CRs have already been generated as required and as identified in the attached matrix, as such there are no operability concerns associated with this CR. Additionally, an administrative CR (CR-2012-14210) was written which is not reflected in the matrix as it is not associated with any hardware concerns.

Because there are no new issues identified in this CR, there is no affect on the design basis.

8.0 IPEEE VULNERABILITIES

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

Several submittals to the NRC covered A46 enhancements as well as IPEEE enhancements, but none are classified as vulnerabilities. Appendix F is a compilation of the A46 outliers and their resolutions. The original SWEL incorporated these enhancements into the column marked "Screen 4e- A46 outliers/ IPEEE vulnerabilities" Approximately 40 enhancements were on the full SWEL list and of those, 10 were included in the SSCs that were walked down. The remaining components are apart of the NTTF task 2.1, Seismic PRA project and included as components in the PRA model.

9.0 PEER REVIEW

9.1 ROLE OF PEER REVIEWER

The peer reviewers consisted of Mohammed Alvi (Lead) and John Reddington. Both of these engineers have a structural background with more than 25 years of experience in the nuclear industry. Both have a degree in structural engineering, are SQUG qualified and have completed the EPRI Seismic 2.3 training.

The peer review was performed in accordance with the EPRI Document 1025286 and the peer reviewers remained independent and were not involved in any preparation or performing any activities outside of what is required by EPRI 1025286 for peer reviewers. The peer review first started with the review of SWEL 1 and 2 to ensure that the guidance of the EPRI document was followed, e.g., Screens 1,2,3 and 4, etc. This was confirmed by reviewing the Excel spreadsheet prepared for the development of SWEL 1 and SWEL 2. Confirmation was made whether the components selected represented various types of systems, major new or replacement equipment,

a variety of types of equipment in a variety of environments, whether they represent the five safety functions, and if any equipment was enhanced due to vulnerabilities identified during the IPEEE program. Both the peer reviewers concluded that the SWEL lists were completed in accordance with the EPRI document.

Next in the process, the peer reviewers accompanied the walkdown engineers in sample walkdowns. During sample walkdowns, the peer reviewers observed how the walkdown engineers conducted their work, interviewed them about their knowledge of walkdown guidance, and noted any issues that were not identified by the walkdown team.

Once the walkdowns were completed on any given day, the peer reviewers participated in the daily end of the day debrief meetings. At these meetings, the peer reviewers observed the discussions among the walkdown team members where decisions were made for any issue that required the initiation of a condition report or for the basis to not initiate a condition report. Basically the peer reviewers reviewed the decisions for entering or not entering the potentially adverse conditions in the corrective action process.

After the walkdown checklists were signed off by the two walkdown engineers, the peer reviewers reviewed 100% of the checklists and commented on the contents of the checklists, even though the the EPRI guidance calls for review of only sample of the checklists. The peer reviewers verified that their comments were successfully resolved/implemented.

The peer review activities were performed during implementation of the walkdown program in parallel rather than at the end of the process until the work was completed.
Finally the peer reviewers summarized the results of their review, reviewed the contents of the submittal report and signed the report.

9.2 SUMMARY OF PEER REVIEW PROCESS

A peer review of the Submittal Report for the Near Term Task Force NTTF Recommendation 2.3 "Seismic Walkdowns" was performed using the guidance provided in Section 6 of EPRI Document 1025286, "Seismic Walkdown Guidance." Following are the peer reviewers for the Beaver Valley Power Station Unit-1:

- Mohammed Alvi (Team Leader)
- John Reddington

The peer review process included the following activities:

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

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

The peer review concluded that the selection of Seismic Walkdown Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286 "Seismic Walkdown Guidance." The peer reviewers used the checklist provided in Appendix F of this document which is enclosed. Also, an ex-Senior Reactor Operator (SRO) from the Beaver Valley Power Station, Unit-1 acted as Operations representative during the selection of the SWEL.

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

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

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

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

It was confirmed that the size of the sample was sufficiently large to include a variety of items that collectively included variations within all the attributes stated in the paragraph above. SWEL 1 for the Beaver Valley Power Station, Unit-1 included 113 components.

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

Screen 1: Seismic Category I
Screen 2: Equipment or System

Screen 3: Sample Considerations
Screen 4: Rapid Drain-Down

Similar process was used in the development of SWEL 2 as for SWEL 1. SWEL 2 for the Beaver Valley Power Station, Unit-1 included 8 components.

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

Peer Review Checklist for SWEL

Instructions for Completing Checklist

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

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

See Attached Comments

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

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

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

See Attached Comments

c. Various types of equipment? Y ☒ N ☐

See Attached Comments

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

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

See Attached Comments

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

See Attached Comments

Peer Review Checklist for SWEL

3. For SWEL 2:

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

See Attached Comments

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

See Attached Comments

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

See Attached Comments

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

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

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

Peer Review Checklist for SWEL

Comments on Question 1:

A peer review of the SWEL selected for the Beaver Valley Power Station, Unit-1 was performed to confirm that the selected components met the criteria set forth in Section 3 of EPRI Guidance Document 1025286. Specifically, Screen 3 calls out for assuring that the selected components represent are well associated with the five safety functions that are as follows:

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

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

Comments on Question 2a:

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

A. Primary Plant Component Cooling Water
B. 4.16KV AC Power
C. 125V DC Power
D. High Head Safety Injection
E. Emergency Boration System
F. Auxiliary Feedwater System
G. Pressurizer
H. Reactor Coolant Pumps
I. 120V AC Power
J. Main Feed Water
K. River Water System
L. 480V AC Power
M. Quench Spray System
N. Low Head Safety Injection Pumps and Suction
O. Instrument Air System
P. Steam Generator Steam Relief System
Q. Residual Heat Removal
R. Recirculation Spray System
S. High Pressure Makeup Supporting Systems
T. Containment Isolation System

U. Heating Ventilating and Air Conditioning System
V. Emergency Diesel generators
W. Engineered Safety Features Actuation System
X. Reactor Protection System

Comments on Question 2b:

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

A. ECP 11-0157-001: Fused Test Jack Installation
B. ECP 11-0157-002: Fused Test Jack Installation
C. ECP 08-0033-001: Replacement of Inverter and Static Switch for BV-1 Vital Bus
D. DCP 2422: Mounting Change
E. ECP 02-0063: Inverter Replaced
F. ECP 02-0283, ECP 06-005 and ECP 03-0428: Replaced Circuit Breakers
G. ECP 12-0243-001: Replace Thermal Overload
H. ECP 10-0353-001: Valve Replacement
I. ECP 07-0203: Strainer Replaced
J. ECP 02-0258-001: Coupling Retrofit Modification
K. ECP 02-0258-002: Piping Modification
L. ECP 08-0401-004: Replaced, Reactor Coolant Gas Vent System Valve Upgrade
M. ECP 08-0134-001 and 002: Reclosing Reactor Trip Breaker
N. ECP 03-0575 and ECP 04-0403: Replaced Modules
O. ECP 02-0076: Replaced Station Battery Charger
P. DCP-1741 and DCP-2416: Replaced Level Transmitter
Q. DCP-2424: Replaced River Plant Water Pump

Comments on Question 2c:

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

A. Tanks and Heat Exchangers
B. Low Voltage Switchgear and Breaker Panels
C. Medium Voltage Metal Clad Switchgear
D. Battery Racks
E. Battery Chargers and Inverters

F. Horizontal Pumps
G. Distribution Panels and Automatic Transfer Switches
H. Engine Generators
I. Pneumatic Operated Valves
J. Check and Manual Valves
K. Instrument on Racks
L. Motor Control Centers
M. Motor Operated Valves
N. Solenoid Valves
O. Vertical Pumps
P. Instrument and Control Panels
Q. Transformers
R. Fans
S. Temperature Sensors
T. Air Handlers

Comments on Question 2d:

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

A. Warm
B. Damp
C. Hot
D. Cool
E. Dry
F. Dry/Wet
G. Warm/Cool

Comments on Question 2e:

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

Comments on Question 2f:

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

Comments on Question 3a:

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

Comments on Question 3b:

Spent Fuel Pool components were considered.

Comments on Question 4:

The peer review concluded that the selection of Seismic Walkdown Equipment List (SWEL) was performed in accordance with guidance provided in Section 3 of EPRI Document 1025286, "Seismic Walkdown Guidance." Also, an ex-SRO from the Beaver Valley Power Station, Unit-1 acted as Operations representative during the selection of the SWEL.

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

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

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

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

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

In addition, the peer reviewers also participated in a sample of walkdowns and observed the work performed by the SWEs during the inspections. It was noted that the walkdown/inspection was intrusive; walkdown team members discussed issues amongst themselves, and used

engineering judgment in making decisions about whether there is any concern that should be noted. In some cases, the lead peer reviewer requested additional photographs.

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

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

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

C. Review of the Licensing Basis Evaluations

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

CR-2012-13969, CR-2012-13970, CR-2012-13971, CR-2012-13972, CR-2012-13974, CR-2012-14020, CR-2012-14047, and CR-2012-14321. The following summarizes the condition and resolution to the condition reports written as a result of the walkdowns.

However, a ninth CR was written to capture all the issues identified above in one roll up condition report (CR-2012-14347).

1. CR-2012-13969 (Initiated on 9/12/12)
It was observed that two out of eight nuts for the bolts anchoring the Pump WR-P-1C to the floor are corroded. This pump is located inside the intake structure at elevation 705' Cubicle C.

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

Initiated Notification No. 600785650 to replace the nuts under work order 200530167.

2. CR-2012-13970 (Initiated on 9/12/12)
It was observed that two out of twelve nuts for the bolts for Component TV-1CC-110F2 are corroded. This component is located inside Safeguard Building at elevation 722' in Pipe Penetration C Room.

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

Initiated Notification No. 600785631 to replace the nuts under work order 200530160.

3. CR-2012-13971 (Initiated on 9/12/12)
It was observed that Valve 1AC-150 has mild corrosion deposited on the valve body. This component is located inside Safeguard Building at elevation 722' in Pipe Penetration C Room.

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

Initiated Notification 600785632 to clean the corroded areas under work order 200530161.

4. CR-2012-13972 (Initiated on 9/12/12)
It was observed that at elevation 735' in Safeguard Building Quench Spray Room, deficient tags have been in place on various components for extended duration which have not been addressed in a timely fashion. Specifically, following anomalies have been noted:

A. Component 1AC-310: Inadequate thread engagement on packing studs and rust on the valve (Ref Tag ID 60734). 1/2 threads lacking engagement in one stud.
B. Component TV-1CC-123-2: Mild corrosion on the component
C. Component 1AC-305: Mild corrosion on the component

Observation concluded that the anomalies noted above are such that the components are still capable to perform their intended design basis function based on engineering judgment. Mild corrosion does not affect calculations or drawings, and existing thread engagement was acceptable such that design basis is not affected.

Initiated Notification Nos. 600785633, 600786401 and 600786402 to perform the work under work orders 200530162, 200530661, and 200530662.

5. CR-2012-13974 (Initiated on 9/12/12)
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that at elevation 747' in Safeguard Building Valve Garden, a deficient tag has been in place on the following component since 2003. Ref: Tag ID 45508

Component MOV-1SI-864B (Local Valve Indication Pin sheared off). The local valve indication pin is not required by design basis, and therefore does not violate the design basis requirements.

Initiated Notification No. 600785694 to replace the indication pin and close the deficiency tag under work order 200015714.

6. CR-2012-14020 (Initiated on 9/13/12)
It was observed that a Security Shield Barrier was located too close to SR Component PT-1CV-101B at El. 722' Unit-1 Safeguard Building in Pipe Penetration C Room. This posed a seismic interaction concern that during a seismic event it had a potential to hit the pressure transmitter and potentially make the component not performing its intended design function.

The security shift supervisor has been contacted and the shield was moved to a safer location. There is no infringement on the design basis.

7. CR-2012-14047 (Initiated on 9/13/12)
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that Pipe Support H-70 has a missing anchor bolt. One of the six anchor bolts is missing.

A review of calculation for Pipe Support H-70 was performed (Ref: Calculation 13387.02-S (B)-24CC2-B), and it concluded that the base plate was qualified with five bolts configuration and the missing bolt was noted. Therefore this is only a configuration issue and not a plant

operability concern as the support design is in full compliance with the design basis requirements.

Initiated Notification No. 600785698 to update drawings and install a placard on the support noting that it has been analyzed. Work to be done under work order 200530170.

8. CR-2012-14321 (Initiated on 9/18/12)
While performing seismic walkdowns per NRC Letter 50.54f Section 2.3, it was observed that there is a potential of seismic interaction between the Switch Board DC-SWBD1-2 and Battery Charger BAT-CHG1-2 as they are not connected to each other. These components are located side by side with zero gaps in between them. During a seismic event, there is a potential for these components to bang against each other and cause chatter of relays inside the battery charger. These components are located inside DF Switchgear Room at El 713' in U-1 Service Building. This does not violate the design basis documents.

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

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

Section 6 of this report discusses the summary of walkdown results. Specifically, Section 6.2.1 discusses seismic walkdown findings associated with SWEL 1, and Section 6.2.2 discusses seismic walkdown findings associated with area walk-bys. The potentially adverse conditions were documented in Tables 6-5 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 six potentially adverse seismic conditions, which resulted in generating one condition report. Adequate justification is documented in the checklists that provide the basis as why the remaining issues had 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 ten potentially adverse seismic conditions. Seven of these conditions were entered in the corrective action program (CAP). Again, adequate justification is documented in

the checklists that provide the basis as to 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 walkdown findings in the corrective action program.

E. Review of the Submittal Report

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

F. Summary of results of peer review process

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

10.0 REFERENCES

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

2. EPRI 1025286, "Seismic Walkdown Guidance for Resolution of Fukushima Near-Term Task Force Recommendation 2.3: Seismic," Final, June 2012.
3. "Beaver Valley Unit 1 Probabilistic Risk Assessment, Individual Plants Examination of External Events", Submitted June 30, 1995 in response to U.S. Nuclear Regulatory Commission Generic Letter 88-20 Supplement 4, Duquesne Light Company.
4. "Beaver Valley Power Station, Unit No. 1 and No. 2, BV-1 Docket No. 50-334, License No. DPR-66, BV-2 Docket No. 50-412, License No. NPF-73, Response to NRC request for Additional Information Regarding Unresolved safety Issue A-46 (TAC No. M69428), letter from Sushil C. Jain to U.S. Nuclear Regulatory Commission dated May 16, 1997.
5. "Completion Report for Generic Letter 87-02, USI A-46 Program", Letter from T. S. Cosgrove and M. P. Pearson to L.W. Myers dated July 20, 2000, ND1NSM:9113. First Energy Operating Company, Beaver Valley Power Station, Plant Services Department, Licensing Section, Unit 1.
6. "Beaver Valley Power Station Unit 1, Spent Fuel Pool Cooling Trouble", Abnormal Operating procedure 1OM-53C.4.1.20.1, Revision 1, November 16, 2011.
7. "Beaver Valley Power Station Unit 1, Updated Final Safety Analysis Report", Revision 24, Section 9.5.3.1.
8. "Beaver Valley Power Station Unit 1: Probabilistic Risk Assessment Update Report", Issue 5, December 31, 2010, First Energy Nuclear Operating Company.
9. RG 1.29, Rev. 3, "Seismic Design Classification."
10. RG 1.60, Rev. 1, "Design Response Spectra for Seismic Design of Nuclear Power Plants."
11. RG 1.61, "Damping Values for Seismic Design of Nuclear Power Plants."
12. IEEE 344-1971, "IEEE Guide for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations."
13. ASME Boiler and Pressure Vessel Code Section III 1974 including Winter Addenda 1975.