

**PECO ENERGY**

Gerald R. Rainey
Vice President
Peach Bottom Atomic Power Station

PECO Energy Company
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Delta, PA 17314-9739
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License Nos. DPR-44
License Nos. DPR-56

January 27, 1995
Facility Docket Nos. 50-277
50-278
10CFR55.45(b)(5)(ii)

Mr. William Russell, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Peach Bottom Atomic Power Station, Units 2 and 3
Submittal of First Simulator Certification Quadrennial Report

Dear Mr. Russell:

This report is submitted in accordance with the requirements set forth in 10CFR 55.45 (b) (5) (ii), for the use of the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3, plant referenced simulator for licensed operator examinations.

The report tabulates the performance testing performed on the simulator since initial certification, which was submitted on February 8, 1991. The report tabulations include the test number, title, status, dates which the tests were performed, and a work order history of discrepancies against the tests. There are presently a total of eleven unsatisfactory malfunction tests and one unsatisfactory steady state test. None of the unsatisfactory tests represent a significant impact on the ability to meet training objectives. Simulator work orders are generated against all unsatisfactory tests. The work orders are prioritized based on their impact on training and will be resolved in a timely manner, based on their relative priority with other simulator work activities, including modifications and other discrepancies unrelated to performance tests.

This report also includes the simulator performance test schedules for the next four years in accordance with the above mentioned reference. These schedules include additional tests beyond those listed in the initial certification due to the collection of additional plant specific data. Although not required by 10CFR55.45, a Form NRC-474 and an updated list of simulator exceptions to ANSI/ANS 3.5-1985 for Units 2 and 3 is also included. Several exceptions have been resolved, and a few have been added since initial certification. None of the newly identified exceptions result in a significant impact on training.

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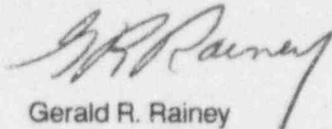
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January 27, 1995
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If you have any questions, or require additional information, please do not hesitate to contact Mr. John Stankiewicz, Director of Training, Peach Bottom Atomic Power Station at (717) 456-3039.

Very truly yours,



Gerald R. Rainey
Vice President, PBAPS

GRR/JJS/JAJ:clg

Enclosure

cc: T. T. Martin, US NRC, Administrator, Region I
W. L. Schmidt, US NRC, Senior Resident Inspector

SIMULATION FACILITY CERTIFICATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 120 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0138), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS. This form is to be filed for initial certification, recertification (if required), and for any change to a simulation facility performance testing plan made after initial submittal of such a plan. Provide the following information, and check the appropriate box to indicate reason for submittal.

FACILITY	Peach Bottom Atomic Power Station Unit 2	DOCKET NUMBER	50-277
LICENSEE	PECO Energy Company	DATE	1/27/95

This is to certify that:

1. The above named facility licensee is using a simulation facility consisting solely of a plant-referenced simulator that meets the requirements of 10 CFR 55.45.
 2. Documentation is available for NRC review in accordance with 10 CFR 55.45(b).
 3. This simulation facility meets the guidance contained in ANSI/ANS 3.5, 1985, as endorsed by NRC Regulatory Guide 1.149.
- If there are any exceptions to the certification of this item, check here ☒ and describe fully on additional pages as necessary.

NAME (or other identification) AND LOCATION OF SIMULATION FACILITY

Peach Bottom Atomic Power Station, Unit 2 Simulator
Peach Bottom Atomic Power Station, R.D. #1, Box 208, Delta, PA 17314

☒ SIMULATION FACILITY PERFORMANCE TEST ABSTRACTS ATTACHED. (For performance tests conducted in the period ending with the date of this certification)

DESCRIPTION OF PERFORMANCE TESTING COMPLETED (Attach additional page(s) as necessary, and identify the item description being continued)

Exhibits 2 and 3, attached, summarize the performance testing completed since the initial certification of the PBAPS Unit 2 simulator in February 1991. These test reports document the simulator facility performance as it relates to the reference plant in accordance with ANSI/ANS 3.5-1985. An updated list of Unit 2 simulator exceptions to ANSI/ANS 3.5-1985 is provided in Exhibit 1, attached.

☒ SIMULATION FACILITY PERFORMANCE TESTING SCHEDULE ATTACHED. (For the conduct of approximately 25% of performance tests per year for the four year period commencing with the date of this certification.)

DESCRIPTION OF PERFORMANCE TESTING TO BE CONDUCTED. (Attach additional page(s) as necessary, and identify the item description being continued)


Exhibits 4 and 5, attached, summarize the performance testing scheduled for the PBAPS Unit 2 simulator over the next four year period, ending February, 1999. The testing scheduled is in accordance with the requirements of ANSI/ANS 3.5-1985.

☐ PERFORMANCE TESTING PLAN CHANGE. (For any modification to a performance testing plan submitted on a previous certification)

DESCRIPTION OF PERFORMANCE TESTING PLAN CHANGE (Attach additional page(s) as necessary, and identify the item description being continued)

☐ RECERTIFICATION (Describe corrective actions taken, attach results of completed performance testing in accordance with 10 CFR § 55.45(b)(5)(iv). Attach additional page(s) as necessary, and identify the item description being continued.)

Any false statement or omission in this document, including attachments, may be subject to civil and criminal sanctions. I certify under penalty of perjury that the information in this document and attachments is true and correct.

SIGNATURE - AUTHORIZED REPRESENTATIVE	TITLE	DATE
	Vice President, PBAPS	1/27/95

In accordance with 10 CFR § 55.5, Communications, this form shall be submitted to the NRC as follows:

BY MAIL ADDRESSED TO: Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

BY DELIVERY IN PERSON TO THE NRC OFFICE AT: One White Flint North
11555 Rockville Pike
Rockville, MD

SIMULATION FACILITY CERTIFICATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 120 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBR 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0138), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

INSTRUCTIONS. This form is to be filed for initial certification, recertification (if required), and for any change to a simulation facility performance testing plan made after initial submittal of such a plan. Provide the following information, and check the appropriate box to indicate reason for submittal.

FACILITY	Peach Bottom Atomic Power Station Unit 3	DOCKET NUMBER	50-278
LICENSEE	PECO Energy Company	DATE	1/27/95

This is to certify that:

1. The above named facility licensee is using a simulation facility consisting solely of a plant-referenced simulator that meets the requirements of 10 CFR 55.45.
 2. Documentation is available for NRC review in accordance with 10 CFR 55.45(b).
 3. This simulation facility meets the guidance contained in ANSI/ANS 3.5, 1985, as endorsed by NRC Regulatory Guide 1.149.
- If there are any exceptions to the certification of this item, check here ☒ and describe fully on additional pages as necessary.

NAME (or other identification) AND LOCATION OF SIMULATION FACILITY

Peach Bottom Atomic Power Station, Unit 2 Simulator
Peach Bottom Atomic Power Station, R.D. #1, Box 208, Delta, PA 17314

☒ SIMULATION FACILITY PERFORMANCE TEST ABSTRACTS ATTACHED. (For performance tests conducted in the period ending with the date of this certification)

DESCRIPTION OF PERFORMANCE TESTING COMPLETED (Attach additional page(s) as necessary, and identify the item description being continued)

The PBAPS Unit 2 simulator is used for training and examination of PBAPS Unit 3 personnel. Exhibits 2 and 3, attached, summarize the performance testing completed since the initial certification in February 1991. These test reports document the simulator facility performance as it relates to the reference plant in accordance with ANSI/ANS 3.5-1985. An updated list of Unit 3 exceptions to ANSI/ANS 3.5-1985 is provided in Exhibit 1, attached.

☒ SIMULATION FACILITY PERFORMANCE TESTING SCHEDULE ATTACHED. (For the conduct of approximately 25% of performance tests per year for the four year period commencing with the date of this certification.)

DESCRIPTION OF PERFORMANCE TESTING TO BE CONDUCTED. (Attach additional page(s) as necessary, and identify the item description being continued)

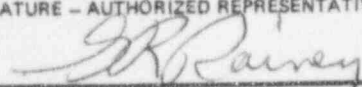
Exhibits 4 and 5, attached, summarize the performance testing scheduled for the PBAPS Unit 2 simulator over the next four year period, ending February 1999. The testing scheduled is in accordance with the requirements of ANSI/ANS 3.5-1985.

☐ PERFORMANCE TESTING PLAN CHANGE. (For any modification to a performance testing plan submitted on a previous certification)

DESCRIPTION OF PERFORMANCE TESTING PLAN CHANGE (Attach additional page(s) as necessary, and identify the item description being continued)

☐ RECERTIFICATION (Describe corrective actions taken, attach results of completed performance testing in accordance with 10 CFR § 55.45(b)(5)(iv). Attach additional page(s) as necessary, and identify the item description being continued.)

Any false statement or omission in this document, including attachments, may be subject to civil and criminal sanctions. I certify under penalty of perjury that the information in this document and attachments is true and correct.

SIGNATURE - AUTHORIZED REPRESENTATIVE	TITLE	DATE
	Vice President, PBAPS	1/27/95

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TO THE NRC OFFICE AT:

One White Flint North
11555 Rockville Pike
Rockville, MD

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Computer Performance, Steady State and
Normal Operation, and Transient
Performance Tests

EXHIBIT 1

Updated Exceptions to

ANSI/ANS 3.5 - 1985

LIST OF EXCEPTIONS TO ANSI/ANS-3.5, 1985
FOR PBAPS UNIT 2 CERTIFICATION

- I. The following are exceptions to the physical arrangement of the Unit 2 and common panel areas:
 - Entrances to the simulator spaces are from behind the Radiation Monitoring and H₂ Water Chemistry Panels (00C014 and 20C810), instead of behind the Reactor Protection Panels (20C017).
 - The Offgas Recombiner Panel, 00C196 is terminated at the junction of the common system equipment controls and the Unit 3 controls; thus only the Unit 2 and common equipment are included.
 - The Unit 2 H₂ Water Chemistry Panel, 20C810, is located adjacent to the shortened Offgas Recombiner Panel adjacent to the common equipment. In the reference plant control room, the 20C810 panel is located adjacent to the Unit 3 offgas recombining equipment on 00C196.
 - The 00C014 Radiation Monitoring Panel is located adjacent to the 20C810 panel in place of the 30C810 panel (Unit 3 H₂ Water Chemistry Panel).
 - The relay panels (20C017 through 00C020C) are displaced approximately 2 feet to the right (facing the front of the panels); this is to allow access to the rear entrance of the instructor's station.
- II. The following are exceptions to control panel design:
 - Annunciator panel window lights in the simulator are dimmer than those in the PBAPS control room. As a result, the windows that are color only on half the window (on a diagonal); this is done to maintain readability. These windows in the reference plant have the blue fully across the face of the annunciator window. This was an authorized substitution made during simulator procurement.

III. The following are exceptions to the design of information displays, physical controls and equipment on simulated control panels.

- Tracor-Westronics recorders have been substituted for GEMAC recorders. These recorders are outdated and no longer available; the reference plant has been substituting in the same manner when existing GEMAC recorders can no longer be repaired. This was an authorized substitution during simulator procurement.
- The demand metering on panel 00C020C is not simulated. This was an authorized omission made during simulator procurement.
- * The climatronics panel data logger in the main control room is powered via the control panel auxiliary lighting power supply. The simulator electrical distribution system was not designed to simulate the level of detail down to control panel auxiliary power, therefore, loss of power to this equipment is not simulated. Resolution of this difference is not cost effective considering the minor training impact.
- * Annunciators in the simulator flash at identical rates throughout the simulator, whereas in the main control room, different annunciator panels flash at different rates. Resolution of this difference is not cost effective considering the minor training impact.

IV. The following are exceptions to the Simulator Control Room environment in the areas of flooring, lighting, obstructions, and communications equipment:

- The floor structure for the simulator is a standard computer floor with carpeting; the carpeting is the same as the PBAPS Control Room except for seaming as necessary to allow access through the computer flooring. This was an authorized substitution made during simulator procurement.
- The PBAPS Control Room lighting is divided into four separate groupings with different power supplies, 2 separate DC and 2 separate AC sources; because of building wiring limitations, the simulator has only two groupings of lighting, 1 simulating a DC and 1 an AC power source. This was an authorized substitution made during simulator procurement. The simulator and Unit 2 control room area lighting and lighting levels have been designed to be the same.
- * Remote and alternate control panels that are simulated are located in rooms separate from simulator control room panels. Their environment does not duplicate the conditions at the plant remote control panels.

V. The following are exceptions to the Simulator Training capabilities:

- Malfunctions inserted via the remote trigger panels on the simulator operating area could alert the operators to the impending malfunction.
- * The high voltage bulb in the main steam line radiation monitor drawer, when removed, does not cause an inoperative scram and isolation signal as it would in the plant. Resolution of this difference is not cost effective considering the minor training impact. Also, an upgrade replacement of these instruments is planned for the plant, and the simulator, that will resolve this difference.
- * The Suppression Pool Temperature Monitoring System (SPOTMOS) cannot be operated in complete accordance with procedure SO 94.F.1.A-2 due to hardware differences between the simulated system and the plant system. Also, although there are two redundant SPOTMOS systems in the plant, in the simulator one is a 'slave' to the other. Resolution of this difference is not cost effective considering the minor training impact. Also, an upgrade replacement of these instruments is planned for the plant and the simulator that will resolve this difference.

- * Exceptions identified since initial certification.

LIST OF EXCEPTIONS TO ANSI/ANS-3.5, 1985
FOR PBAPS UNIT 3 CERTIFICATION

- I. The following are exceptions to the Control Room/Simulator physical arrangement:
 - The bench board panels (30C06A through 30C0012) and the vertical panels directly behind them are rotated 90° from the simulator positions; further exceptions to this are:
 - The location of the Radiation Monitoring Panels (30C002, 30C010, and 30C011), which are arranged in reverse order adjacent to the 00C014 Radiation Monitoring Panel.
 - The Fire Protection Panel and equipment locker (00C001) in the simulator, which does not have a counterpart in Unit 3; this causes the 30C206L annunciator panel to be located above the 30C010 and 30C011 panel instead of the fire panel.
 - The vertical back panels (30C004B through 30C003) are translated to the opposite side of the Main Generator Control Panel (30C009), arranged in the same order; the CAD Control Panels (30C284A and B) are adjacent to the 30C004B panel (HPCI) instead of the PCIS/SRV Panel (20C003-01) as in the simulator.
- II. The following are exceptions to control panel design:
 - Annunciator panel window lights in the simulator are dimmer than those in the PBAPS control room. As a result, the windows that are color coded blue have the color only on half the window (on a diagonal); this is done to maintain readability. These windows in the Reference Plant have the blue fully across the face of the annunciator window. This was an authorized substitution made during simulator procurement.

III. The following are exceptions to the design of information displays, physical controls, and equipment on simulated control panels:

- Tracor-Westronics recorders have been substituted for GEMAC recorders. These recorders are outdated and no longer available; the Reference Plant has been substituting in the same manner when existing GEMAC recorders can no longer be repaired. This was an authorized substitution made during simulator procurement.
- * Annunciators in the simulator flash at identical rates throughout the simulator, whereas in the main control room different annunciator panels flash at different rates. Resolution of this difference is not cost effective considering the minor training impact.

IV. The following are exceptions to the simulator environment and the PBAPS control room environment in the areas of flooring, lighting, obstructions, and communications equipment:

- The floor structure for the simulator is a standard computer floor with carpeting; the carpeting is the same as the PBAPS control room except for seaming as necessary to allow access through the computer flooring. This was an authorized substitution made during simulator procurement.
- The PBAPS control room lighting is divided into four separate groupings with different power supplies, 2 separate DC and 2 separate AC sources; because of building wiring limitations, the simulator has only two groupings of lighting, 1 simulating a DC and 1 an AC power source. This was an authorized substitution made during simulator procurement. The simulator and Unit 2 control room area lighting and lighting levels have been designed to be the same.
- * Remote and alternate control panels that are simulated are located in rooms separate from simulator control room panels. Their environment does not duplicate the conditions at the plant remote control panels.

V. The following are exceptions to the simulator training capabilities:

- Malfunctions inserted via the remote trigger panels on the simulator operating area could alert the operators to the impending malfunction.
 - * The high voltage bulb in the main steam line radiation monitor drawer, when removed, does not cause an inoperative scram and isolation signal as it would in the plant. Resolution of this difference is not cost effective considering the minor training impact. Also, an upgrade replacement of these instruments is planned for the plant and the simulator that will resolve this difference.
 - * The Suppression Pool Temperature Monitoring System (SPOTMOS) cannot be operated in completed accordance with procedure SO-94.F.1.A-2 due to hardware differences between the simulated system and the plant system. Also, although there are two redundant SPOTMOS system sin the plant, in the simulator one is 'slave' to the other. Resolution of this difference is not cost effective considering the minor training impact. Also, an upgrade replacement of these instruments is planned for the plant and the simulator that will resolve this difference.
- * Exceptions identified since initial certification.

EXHIBIT 2

Simulator Performance Test Report -

Malfunction Tests

PEACH BOTTOM ATOMIC POWER STATION UNIT 2
SIMULATOR
SIMULATOR PERFORMANCE TESTS REPORT

The Simulator Performance Tests are grouped into four categories:

- SCPT, Simulator Computer Performance Tests
- SSPT, Simulator Steady-State and Normal Operation Tests
- SMPT, Simulator Malfunction Performance Tests
- STPT and SMPTT, Simulator Transient Performance Tests

The tests required to demonstrate acceptable Simulator Performance are identified, prepared, and tested against the acceptance criteria described in ANSI/ANS 3.5-1985. The listing below tabulates all the Simulator Performance Tests performed for Simulator Certification, their current status (S- satisfactory, U- unsatisfactory, X- deleted), the dates the tests were completed with test results, and any simulator work orders generated against the test. "Clsd" following a work order number indicates that the work order has been resolved and is closed. For those tests which have an open work order against them, the training impact has been assessed. Those tests with discrepancy having training impact are considered unsatisfactory. Those tests that have been deleted were deleted either by modifications made to the simulator, or because the malfunctions had no training value.

Page No. 1

01/25/95

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-ADS01	ADS CHANNEL FAILS TO INITIATE	S	09/14/90 - S; 02/19/91 - S	
SMPT-ADS02	RUPTURE IN SRV DOWNCOMER IN TORUS AIRSPACE	S	10/11/94 - S	
SMPT-ANN01	CONTROL ROOM ANNUNCIATOR SYSTEM FAILURE	S	09/19/90 - U 02/03/92 - S	900554, CLSD
SMPT-ANN03	ANNUNCIATOR CRY WOLF (CWA), DEFEAT (DWA)	S	09/19/90 - S 09/21/93 - S	
SMPT-APR01	APRM CHANNEL FAILS UPSCALE	S	09/19/90 - S 01/19/94 - U	940016, CLSD
SMPT-APR02	APRM CHANNEL FAILS DOWNSCALE	S	09/19/90 - S; 02/18/91 - S	
SMPT-APR03	APRM CHANNEL FAILS INOP	S	09/19/90 - S 03/03/92 - S	
SMPT-APR04	APRM CHANNEL AVERAGE CIRCUIT DEVIATION	S	09/20/90 - U 04/15/91 - S	900539, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
			02/26/93 - S	
SMPT-APR05	APRM FAILS TO TRIP DOWNSCALE	S	09/19/90 - S; 02/18/91 - S	
SMPT-APR06	APRM FAILS TO TRIP INOPERATIVE	S	09/19/90 - S 03/03/92 - U	920051, CLSD
SMPT-APR07	APRM FAILS TO TRIP UPSCALE (HI)	S	09/19/90 - S 01/19/94 - S	
SMPT-APR08	APRM FAILS TO TRIP UPSCALE HI HI	S	09/19/90 - S 01/19/94 - S	940018
SMPT-ARI141	ARI ISOLATION/EXHAUST VALVE 141 FAILURE	S	01/15/91 - S; 02/18/91 - S	
SMPT-ARI142	ARI EXHAUST VALVE 142 FAILURE	S	01/15/91 - S 03/03/92 - S	
SMPT-ARIF2	ARI POWER SUPPLY FAILURE	S	01/15/91 - S 09/21/93 - S	
SMPT-ARM01	ARM CHANNEL FAILS UPSCALE	S	09/19/90 - S 02/24/93 - S	
SMPT-ARM02	ARM CHANNEL FAILS DOWNSCALE	S	07/21/92 - S	910107, CLSD
SMPT-ARM03	ARM CHANNEL FAILS INOP	S	09/19/90 - S 03/01/92 - U	920045, CLSD
SMPT-CAR01	MAIN CONDENSER AIR IN LEAKAGE	S	09/17/90 - S 09/14/93 - S	
SMPT-CAR02	SJAE STEAM SUPPLY VALVE FAILS CLOSED	S	09/20/90 - S 01/19/94 - S	940019
SMPT-CAS01	LOSS OF INSTRUMENT AIR	U	09/18/90 - U 10/11/91 - U 10/18/93 - U	900544, CLSD 910315, CLSD 930123
SMPT-CAS02	INSTRUMENT NITROGEN RECEIVER LEAK	S	09/19/90 - S 03/03/92 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-CRH01	FLOW CONTROL VALVE FAILURE	S	09/10/90 - U 02/25/93 - S	900085, CLSD
SMPT-CRH02	CRD DRIVE WATER FILTER CLOGGING	S	09/19/90 - S 01/19/94 - S	
SMPT-CRH03	CRD HYDRAULIC PUMP TRIP	S	09/19/90 - S 04/15/91 - S	
SMPT-CRH04	CONTROL ROD DRIFTS IN	S	09/09/90 - U 03/01/92 - S	900510
SMPT-CRH05	CONTROL ROD ACCUMULATOR TROUBLE	S	09/19/90 - U 11/04/93 - U	900538, CLSD
SMPT-CRH06	CRD STABILIZING VALVE FAILS CLOSED	S	09/19/90 - U 10/11/91 - U	900553, CLSD
SMPT-CRH07	LOSS OF AIR PRESSURE TO CRD HCU'S	S	09/10/90 - U 05/11/94 - S	900558
SMPT-CRH08	SCRAM DISCHARGE VOLUME LEVEL HIGH	S	09/09/90 - S; 02/18/91 - S	
SMPT-CRH09	SCRAM DISCHARGE VENT VALVE FAILS OPEN	S	09/19/90 - S 03/03/92 - S	
SMPT-CRH10	SCRAM DISCHARGE VOLUME VENT VALVE FAILS CLOSED	S	09/19/90 - S 02/22/93 - S	
SMPT-CRH11	SCRAM DISCHARGE VOLUME DRAIN VALVE FAILS OPEN	S	09/23/90 - S 01/20/94 - S	940020
SMPT-CRH12	SCRAM DISCHARGE VOLUME DRAIN VALVE FAILS CLOSED	S	09/23/90 - S; 02/18/91 - S	
SMPT-CRH13	CONTROL ROD GROUP FAILS TO SCRAM	S	09/23/90 - S 03/04/92 - S	
SMPT-CRM01	CONTROL ROD DRIFTS OUT	S	09/10/90 - S 11/04/93 - U	910221 , CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-CRM02	CONTROL ROD BLADE STUCK	S	09/10/90 - S 01/20/94 - S	
SMPT-CRM03	CONTROL ROD UNCOUPLED	U	09/10/90 - S; 02/18/91 - S	940260
SMPT-CRM04	CONTROL ROD RPIS FAILURE	S	09/09/90 - U 07/20/92 - S	900509, CLSD 900506, CLSD
SMPT-CRM05	CONTROL ROD SLOW SCRAM TIME	S	09/23/90 - S 09/10/93 - S	
SMPT-CSS01	CORE SPRAY PUMP TRIP	S	09/23/90 - U 01/20/94 - S	900548, CLSD
SMPT-CSS02	CORE SPRAY INJECTION VALVE FAILS TO AUTO OPEN	S	09/23/90 - S; 04/15/91 - S	
SMPT-CWS01	LOSS OF CONOWINGO POND	S	08/24/90 - S 03/26/92 - S	
SMPT-CWS02	MAIN CIRC WATER PUMP TRIP	S	09/23/90 - U 04/15/91 - U 02/22/93 - S	910167, CLSD
SMPT-CWS03	MAIN CONDENSER TUBE BLOCKAGE	S	09/23/90 - U 07/31/91 - S 01/21/94 - S	900556, CLSD
SMPT-CWS04	COOLING TOWER LIFT PUMP TRIP	S	09/23/90 - S 03/03/92 - S	
SMPT-CWS05	COOLING TOWER FANS TRIP	S	09/23/90 - U 11/04/93 - U	900557, CLSD
SMPT-CWS06	TRAVELING SCREEN BLOCKAGE	S	09/23/90 - U 10/11/91 - U	900523, CLSD 900525, CLSD 910313, CLSD
SMPT-CWS07	TRASH RACKS BLOCKAGE	S	09/25/90 - U 02/13/92 - S	900524, CLSD 900540,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD
SMPT-DCD01A	250 VDC DISTRIBUTION PANEL 20D12 FAULT	S	10/18/90 - S 10/19/93 - S	
SMPT-DCD01B	250 VDC DIST. PANEL 20D11 FAULT	S	10/18/90 - U 05/03/94 - S	900589, CLSD
SMPT-DCD01C	250 VDC DIST. PANEL 20D07 FAULT	S	10/24/90 - S; 04/15/91 - S	
SMPT-DCD01D	250 VDC DIST. PANEL 20D08 FAULT	S	10/18/90 - U 03/19/91 - S 03/24/92 - S	900590, CLSD 940228, CLSD
SMPT-DCD01E	250 VDC DIST. PANEL 20D05 FAULT	S	10/18/90 - S 10/19/93 - S	
SMPT-DCD02A	125 VDC DISTRIBUTION PANEL 2PPA FAULT	U	10/19/90 - U 05/04/94 - U	900594, CLSD 900595, CLSD 900596, CLSD 900597, CLSD 900598, CLSD 900323, CLSD 920169, CLSD 940007, CLSD 940144
SMPT-DCD02B	125 VDC DISTRIBUTION PANEL 2PPA FAULT	S	10/19/90 - U 10/11/91 - S	900599, CLSD 900600, CLSD 900601, CLSD 900602, CLSD 900603, CLSD 900604,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD 900746, CLSD 920169, CLSD
SMPT-DCD02C	125 VDC DISTRIBUTION PANEL 2PPC FAULT	S	10/24/90 - U 03/24/92 - U	900745, CLSD 900747, CLSD 900734, CLSD 910256, CLSD 920078, CLSD
SMPT-DCD02D	125 VDC DISTRIBUTION PANEL 2PPD FAULT	S	10/24/90 - U 10/20/93 - S	900744, CLSD 900590, CLSD
SMPT-DCD02E	125 VDC DISTRIBUTION PANEL 2BD306 FAULT	S	10/13/93 - S	
SMPT-DCD03A	24 VDC DISTRIBUTION PANEL BUS 2E FAULT	S	10/22/90 - U 05/04/94 - S	900637, CLSD 900638, CLSD
SMPT-DCD03B	24 VDC DISTRIBUTION PANEL BUS 2F FAULT	S	10/22/90 - S; 07/29/91 - S	
SMPT-DCW01	DW CHILLER WATER PUMP TRIP	S	09/25/90 - U 03/01/92 - S	900520, CLSD
SMPT-DCW02	DW CHILLED WATER CHILLER TRIP	S	09/25/90 - S 02/22/93 - S	
SMPT-DCW03	DWCW/RBCCW AUTO SWAPOVER FAILURE	S	09/25/90 - S 01/23/94 - S	
SMPT-DCW04	DWCW LEAKAGE INSIDE THE DRYWELL	S	09/10/90 - U 10/11/91 - S	900546, CLSD 900595,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD
SMPT-DGA01	DIESEL GENERATOR FAILS TO START	S	09/25/90 - S 03/03/92 - S	
SMPT-DGA02	DIESEL GENERATOR BREAKER AUTO CLOSE FAILURE	S	09/25/90 - S 09/09/93 - S	
SMPT-DGA03	DIESEL GENERATOR TRIP	S	09/25/90 - U 01/24/94 - S	900519, CLSD
SMPT-ECW01	ECW PUMP TRIP	U	09/25/90 - S; 02/18/91 - U	910087
SMPT-ECW02	ECW COOLING FAN TRIP	S	09/25/90 - S 03/03/92 - S	
SMPT-EHH01	BYPASS VALVE FAILS OPEN	S	09/25/90 - S 02/22/93 - S	
SMPT-EHH02	BYPASS VALVE FAILS CLOSED	S	09/25/90 - S 01/24/94 - U	940024, CLSD
SMPT-EHH03	BYPASS VALVE STICKS OPEN	S	09/25/90 - S; 02/18/91 - S	920004, CLSD
SMPT-EHH04	EHC HYDRAULIC PUMP TRIP	S	09/25/90 - S 03/04/92 - S	
SMPT-EHL01	PRESSURE REGULATOR FAILS LOW	S	09/09/90 - S 09/09/93 - S	
SMPT-EHL02	PRESSURE REGULATOR FAILS HIGH	S	09/09/90 - U 04/16/91 - U 01/24/94 - S	910168, CLSD 900515, CLSD
SMPT-EHL03	PRESSURE REGULATOR OSCILLATION	S	09/25/90 - S; 02/18/91 - S	
SMPT-EHL04	MAIN TURBINE ACCELERATION RELAY FAILURE	S	09/25/90 - S 03/21/94 - S	
SMPT-EHL05	LOAD SET FAILURE	S	09/18/90 - U 03/01/92 - U	900543, CLSD 900542, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-EHL06	LOAD RUNBACK FAILS TO TERMINATE	S	09/18/90 - U 03/01/92 - S 09/10/93 - S	900541, CLSD 930102
SMPT-ESD01	LOSS OF EXTRACTION STEAM TO FW HEATER	S	09/17/90 - S 01/25/94 - U	940037, CLSD
SMPT-ESD02	FW HEATER LEVEL CONTROL VALVE FAILS OPEN	S	09/25/90 - S; 02/19/91 - S	
SMPT-ESD03	FW HEATER LEVEL CONTROL VALVE FAILS CLOSED	S	09/25/90 - U 02/11/92 - U 05/24/93 - S	900522, CLSD 920014, CLSD
SMPT-ESD04	MOISTURE SEPERATOR DRAIN TANK LEVEL CONTROL VALVE FAILS CLOSED	S	09/25/90 - S 09/09/93 - S	
SMPT-ESD05	FEEDWATER HEATER DUMP VALVE FAILS OPEN	S	04/15/94 - U	940090, CLSD
SMPT-ESD06	FEEDWATER HEATER DUMP VALVE FAILS CLOSED	S	05/13/94 - U	940148, CLSD
SMPT-ESW01	ESW PUMP TRIP	S	09/26/90 - U 01/25/94 - S	890291, CLSD
SMPT-FCR01	FUEL CLADDING FAILURE	S	09/20/90 - U 10/11/91 - S	900527, CLSD 900515, CLSD 910168, CLSD
SMPT-FCR02	INCREASED CONTROL ROD WORTH	S	09/26/90 - S; 04/15/91 - S	
SMPT-FPS01	CARDOX INJECTION TO THE DIESEL GENERATOR ROOM	S	09/26/90 - U 04/16/91 - U 10/11/91 - U 05/12/92 - U	910150, CLSD 920149, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-FWC01	RFP M/A CONTROLLER FAILURE	S	09/26/90 - S 10/09/91 - S 09/20/93 - U	930104, CLSD
SMPT-FWC02 (DELETED)	RFP MASTER CONTROLLER FAILURE	X	09/17/90 - U	900514, CLSD 910113, CLSD
SMPT-FWC03 (DELETED)	RFP MASTER CONTROLLER OSCILLATION	X	09/26/90 - S; 02/20/91 - S	920062, CLSD
SMPT-FWC04	FW FLOW TRANSMITTER FT-50 FAILURE	S	09/17/90 - S 10/09/91 - S 04/15/92 - S	
SMPT-FWC05 (DELETED)	FW TEMP TRANSMITTER TT-80 FAILURE	X	09/26/90 - S	910113, CLSD
SMPT-FWC06	FW TEMP TRANSMITTER TT-168 FAILURE	S	09/26/90 - S 01/26/94 - S	940028
SMPT-FWC07	FWC FUNCTION GENERATOR FAILS LOW	S	08/31/90 - U 07/29/91 - S 10/09/91 - S	900444, CLSD
SMPT-FWC08	FEEDWATER PUMP MGU 120 VAC POWER LOSS	S	09/26/90 - S 10/09/91 - S 04/15/92 - S	
SMPT-FWC09 (DELETED)	STARTUP FW REG VALVE CONTROLLER FAILURE	X	09/26/90 - S	910113, CLSD
SMPT-FWC10 (DELETED)	STARTUP FW REG VALVE CONTROLLER OSCILLATION	X	09/26/90 - S	910113, CLSD
SMPT-HPC01	FAILURE OF HPCI TO AUTO START	S	09/27/90 - S; 04/15/91 - S	
SMPT-HPC02	HPCI SPURIOUS AUTO START	S	09/27/90 - S 03/04/92 - S	
SMPT-HPC03	HPCI TURBINE TRIP	S	09/27/90 - U 02/22/93 - S	900577, CLSD 900004,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD 930019, CLSD
SMPT-HPC04	HPCI FLOW CONTROLLER FAILS LOW	S	09/27/90 - S 01/26/94 - S	950004
SMPT-HPC05	HPCI FLOW CONTROLLER FAILS HIGH	S	09/27/90 - S; 02/20/91 - S	
SMPT-HPC06	HPCI FLOW CONTROLLER OSCILLATION	S	09/27/90 - S 03/04/92 - S	
SMPT-HPC07	HPCI STEAM SUPPLY LINE BREAK	S	09/27/90 - S 12/18/91 - S 05/17/93 - S	920135, CLSD
SMPT-HPC08	HPCI PUMP DISCH LINE BREAK	S	09/27/90 - S 01/26/94 - S	940030
SMPT-HPC09	HPCI LUBE OIL SYSTEM FAILURE	S	09/27/90 - U 10/11/91 - S	900578, CLSD
SMPT-HPW01	HPSW PUMP TRIP	S	09/27/90 - S 03/03/92 - S	
SMPT-HSO01	HYDROGEN SEAL OIL PRESSURE DECREASE	S	09/27/90 - U 04/15/91 - S 03/04/92 - S	900540, CLSD
SMPT-HWC01 (NOT SIM.)	HYDROGEN LEAK IN HYDROGEN WATER CHEMISTRY SYSTEM	X	SYSTEM SIMULATION NOT COMPLETED	
SMPT-HWC02 (NOT SIM.)	H2 WATER CHEMISTRY SYSTEM OXYGEN PRESSURE LOW	X	SYSTEM SIMULATION NOT COMPLETED	
SMPT-IPM01	LOSS OF ALL AC POWER	S	10/01/90 - U 10/19/93 - S	900458, CLSD 900666, CLSD
SMPT-IPM02	THREE MILE ISLAND ACCIDENT (BWR EQUIVALENT)	S	10/01/90 - U 07/22/92 - S 01/26/94 - U	900565, CLSD 920010, CLSD 940035, CLSD 940036,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD
SMPT-IPM03	ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS)	S	10/01/90 - U 08/05/91 - S	900586, CLSD
SMPT-IPM04	FIRE IN THE REMOTE SHUTDOWN PANEL	S	10/01/90 - U; 07/29/91 - S	900584, CLSD
SMPT-IRM01	IRM CHANNEL FAILS UPSCALE	S	10/01/90 - S 03/09/92 - S	
SMPT-IRM02	IRM CHANNEL FAILS DOWNSCALE	S	10/01/90 - S 09/29/93 - S	
SMPT-IRM03	IRM CHANNEL FAILS INOP	S	10/01/90 - S 05/05/94 - S	
SMPT-IRM04	IRM CHANNEL DETECTOR SRUCK	S	10/01/90 - S; 04/15/91 - S	
SMPT-IRM05	IRM CHANNEL FAILS TO TRIP INOP	S	10/01/90 - S 05/05/94 - S	
SMPT-IRM06	IRM CHANNEL FAILS TO TRIP DOWNSCALE	S	10/01/90 - S 09/29/93 - S	
SMPT-IRM07	IRM CHANNEL FAILS TO TRIP UPSCALE HI	S	10/01/90 - S 03/09/92 - S	
SMPT-IRM08	IRM CHANNEL FAILS TO TRIP UPSCALE (HI HI)	S	10/01/90 - S 03/09/92 - S	
SMPT-LPR01	LPRM FAILS UPSCALE	S	10/01/90 - S 03/04/92 - S	
SMPT-LPR02	LPRM FAILS DOWNSCALE	S	10/01/90 - S; 02/18/91 - S	
SMPT-MAP01	MAIN TRANSFORMER COOLING LOSS	S	10/01/90 - S 02/11/92 - U 05/24/93 - S	920013, CLSD
SMPT-MAP02	LOSS OFF-SITE POWER SOURCES	S	08/24/90 - S 03/24/92 - S	
SMPT-MAP03	500 KV CONTROL AIR FAILURE	S	10/02/90 - S 02/26/93 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-MAP04	13.2 KV BUS FAULT	S	10/02/90 - U 05/04/94 - S	900563, CLSD
SMPT-MAP05	STARTUP SOURCES BUS FAULT	S	10/02/90 - U 07/29/91 - U	900566, CLSD 910308, CLSD 910281, CLSD 920148, CLSD
SMPT-MAP06C	13.2 KV BREAKER TRIP	S	10/02/90 - U 03/24/92 - S	900588, CLSD
SMPT-MAP07A	4.16 KV EMERGENCY BUS E12 (20A15) FAULT	S	10/22/90 - U 10/21/93 - S	900636, CLSD 900635, CLSD
SMPT-MAP07B	4.16 KV EMERGENCY BUS E22 (20A16) FAULT	S	10/22/90 - U 05/03/94 - S	900636, CLSD 900635, CLSD 900633, CLSD
SMPT-MAP07C	4.16 KV EMERGENCY BUS E32 (20A17) FAULT	S	10/22/90 - U 10/14/91 - S	900636, CLSD 900635, CLSD
SMPT-MAP07D	4.16 KV EMERGENCY BUS E42 (20A18) FAULT	S	10/22/90 - U 03/26/92 - S	900636, CLSD 900635, CLSD
SMPT-MAP07E	4.16 KV EMERGENCY BUS E-13 FAULT	S	10/22/90 - U 10/21/93 - S	900636, CLSD 900635, CLSD
SMPT-MAP07F	4.16 KV EMERGENCY BUS E-23 FAULT	S	10/22/90 - U 05/03/94 - S	900636, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				900635, CLSD
SMPT-MAP07G	4.16 KV EMERGENCY BUS E-33 FAULT	S	10/22/90 - U 10/14/91 - S	900636, CLSD 900635, CLSD
SMPT-MAP07H	4.16 KV EMERGENCY BUS E-43 FAULT	S	10/22/90 - U 03/26/92 - S	900636, CLSD 900635, CLSD
SMPT-MAP08	4.16 KV BUS AUTO TRANSFER FAILURE	S	10/02/90 - U 04/15/91 - S 10/19/93 - S	900568, CLSD
SMPT-MAP09	13.2 KV BUS AUTO TRANSFER FAILURE	S	08/23/90 - S 01/31/94 - S	
SMPT-MCS01	MAIN CONDENSER TUBE LEAKAGE	S	10/02/90 - U 07/01/93 - S	900562, CLSD 900569, CLSD
SMPT-MCS02	HOTWELL LEVEL TRANSMITTER FAILS HIGH	S	10/02/90 - S; 02/21/91 - S	
SMPT-MCS03	HOTWELL LEVEL TRANSMITTER FAILS LOW	S	10/02/90 - U 02/10/92 - U 03/01/92 - U 08/03/92 - S	900564, CLSD 920035, CLSD
SMPT-MCS04	HOTWELL LEVEL TRANSMITTER FAILS AS IS	S	10/02/90 - S 09/20/93 - S	
SMPT-MCS05	CONDENSATE PUMP TRIP	S	10/02/90 - S 10/09/91 - S 01/31/94 - S	
SMPT-MCS06	CONDENSATE DEMIN RESIN DEPLETION	S	10/02/90 - U 10/11/91 - U	900562, CLSD 910309, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-MCS07	CONDENSATE FILTER/DEMIN RESIN INJECTION	S	09/17/90 - U 02/12/92 - S	900512, CLSD 900511, CLSD
SMPT-MCS08	EXHAUST HOOD SPRAY VALVE FAILS CLOSED	S	10/03/90 - U 07/21/92 - S 10/04/93 - S	900572, CLSD
SMPT-MFS01	REACTOR FEEDWATER PUMP TRIP	S	10/03/90 - S 10/09/91 - S 01/31/94 - S	
SMPT-MFS02	REACTOR FEEDWATER PUMP HIGH VIBRATION	S	10/05/90 - S; 04/15/91 - S	
SMPT-MFS03	REACTOR FEEDWATER PUMP LOSS OF LUBE OIL	S	10/03/90 - U 02/11/92 - S	900573, CLSD
SMPT-MFS04	REACTOR FEEDWATER PUMP MINIMUM FLOW VALVE FAILS OPEN	S	09/05/90 - S 02/26/93 - S	920071, CLSD
SMPT-MFS05	REACTOR FEEDWATER PUMP MINIMUM FLOW VALVE FAILS CLOSED	S	09/05/90 - U 03/21/94 - S	900492, CLSD 920071, CLSD 920211, CLSD
SMPT-MFS06	FEEDWATER HEATER TUBE LEAK	S	10/03/90 - S 07/29/91 - U 07/23/92 - U	910247, CLSD 920187, CLSD
SMPT-MFS07	LOSS OF AIR TO RFP C DISCHARGE BYPASS VALVE	S	10/03/90 - S 03/11/92 - U 07/21/92 - S	920055, CLSD
SMPT-MFS08	LOSS OF AIR TO RFP BYPASS VALVE CV-255B	S	10/03/90 - S 09/29/93 - S	
SMPT-MGA01	MAIN GENERATOR TRIP	S	10/03/90 - S 02/01/94 - S	
SMPT-MGA02	VOLTAGE REGULATOR FAILS HIGH	S	10/03/90 - S; 07/29/91 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-MGA03	VOLTAGE REGULATOR FAILS LOW	S	10/03/90 - S 03/04/92 - S	
SMPT-MGA04	VOLTAGE REGULATOR TRANSFERS TO MANUAL	S	10/03/90 - S 02/22/93 - S	
SMPT-MGA05	GENERATOR FIELD BREAKER FAILS OPEN	S	10/03/90 - S 02/01/94 - S	
SMPT-MGA06	GENERATOR FIELD BREAKER FAILS TO CLOSE	S	10/03/90 - S; 02/21/91 - S	
SMPT-MGA07	MAIN GENERATOR HYDROGEN LEAK	S	10/03/90 - S 03/04/92 - S	
SMPT-MLO01	MAIN TURBINE BEARING OIL PRESSURE DECREASE	S	10/03/90 - U 03/01/92 - S 02/02/94 - S	900570, CLSD
SMPT-MLO02	MAIN SHAFT OIL PUMP FAILURE	S	10/03/90 - S; 04/15/91 - S	
SMPT-MSS01	STEAM LEAKAGE INSIDE THE PRIMARY CONTAINMENT	S	10/03/90 - S 03/09/92 - S	
SMPT-MSS03	MSL RUPTURE OUTSIDE THE PRIMARY CONTAINMENT	S	10/04/90 - U 05/20/93 - S 02/02/94 - S	900779, CLSD 920147, CLSD 920198, CLSD
SMPT-MSS04	MAIN STEAM HEADER PRESSURE TRANSMITTER PT-2184/PT-2185 FAILURE	S	09/17/90 - U 10/14/91 - S	900515, CLSD 900514, CLSD 900513, CLSD
SMPT-MSS05	MSIV DISC FAILURE	S	09/17/90 - U 03/09/92 - S	900587, CLSD
SMPT-MSS06	MSIV FAILS CLOSED	S	09/17/90 - U 07/31/91 - S 09/13/93 - S	900587, CLSD
SMPT-MSS07	MSIV SLOW CLOSURE TIME	S	10/04/90 - S 02/03/94 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-MSS08	REACTOR PRESSURE RELIEF VALVE FAILURE	S	09/17/90 - S 09/13/93 - S	
SMPT-MSS09	REACTOR PRESSURE RELIEF VALVE STICKS OPEN	S	10/04/90 - S 02/14/94 - S	940043 940044
SMPT-MSS10	STEAM LEAKAGE IN THE STEAM TUNNEL	S	09/20/90 - S 04/15/91 - U 08/16/91 - U 08/03/92 - S	910137, CLSD 910274, CLSD 910346, CLSD
SMPT-MSS11	MSL FLOW TRANSMITTER FT-6-51 FAILURE	S	09/17/90 - S 10/09/91 - S 05/13/92 - S	
SMPT-MSS12 (DELETED)	MSL PRESSURE TRANSMITTER PT-6-60 FAILURE	X	10/04/90 - S	910113, CLSD
SMPT-MSS13	STEAM LEAKAGE OUTSIDE CONTAINMENT	S	10/04/90 - U 05/11/94 - U	900021, CLSD 900583, CLSD 920001, CLSD
SMPT-MTA01	MAIN TURBINE BEARING HIGH TEMPERATURE	S	10/04/90 - U 10/11/91 - U	900581, CLSD 900582, CLSD 910310, CLSD
SMPT-MTA02	MAIN TURBINE BEARING HIGH VIBRATION	S	10/04/90 - S; 02/21/91 - S	
SMPT-MTA03	TURBINE HP VALVE FAILS CLOSED	S	10/04/90 - U 03/01/92 - S	900575, CLSD
SMPT-MTA04	MAIN TURBINE TRIP	S	10/04/90 - S 02/22/93 - S	
SMPT-MTA05	STEAM SEAL REGULATOR FAILS OPEN	S	10/04/90 - S 03/09/92 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-MTA06	STEAM SEAL REGULATOR FAILS CLOSED	S	10/04/90 - S 09/29/93 - S	
SMPT-MTA07	TURBINE LP VALVE FAILS CLOSED	S	10/04/90 - S 02/15/94 - S	
SMPT-OGR01	EXPLOSION IN THE OFF GAS PIPING	U	10/09/90 - S 02/15/94 - U	910261, CLSD 940046, CLSD 940211
SMPT-OGR02	WATER IN THE OFF GAS PIPING	S	10/04/90 - S; 07/29/91 - U	910248, CLSD
SMPT-OGR03	OFF GAS CONDENSER LEVEL HIGH	S	10/04/90 - S 03/26/92 - S	
SMPT-PCI01	GROUP ISOLATION VALVE ISOLATION FAILURE	S	10/09/90 - S; 04/17/91 - S	
SMPT-PCI02	PCIS VENT TRIP COIL FAILURE	S	10/09/90 - S 03/26/92 - S	
SMPT-PCS01	COOLANT LEAKAGE INSIDE THE PRIMARY CONTAINMENT	S	10/04/90 - S 09/13/93 - S	
SMPT-PCS02	COOLANT LEAKAGE OUTSIDE THE PRIMARY CONTAINMENT	S	09/14/90 - U 05/11/94 - S	900517
SMPT-PCS03	TORUS-DRYWELL VACUUM BREAKER FAILS OPEN	S	10/04/90 - S; 02/22/91 - S	
SMPT-PCS04	DW PRESSURE TRANSMITTER PT-5-12 FAILURE	U	10/09/90 - U 09/20/93 - U	900668, CLSD 930105
SMPT-PCS05	BREAK IN DRYWELL AIRSPACE	S	10/11/94 - S	
SMPT-PCS06	BREAK IN TORUS AIRSPACE	S	10/11/94 - S	
SMPT-PCS07	BREAK IN TORUS WATER SPACE	S	10/07/94 - S	
SMPT-PPC01	PLANT PROCESS COMPUTER FAILURE	S	10/09/90 - S 04/21/92 - S	920110

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-PRM01	PRM CHANNEL FAILS UPSCALE	S	10/09/90 - S 03/26/92 - U	920064, CLSD 920079, CLSD
SMPT-PRM02	PRM CHANNEL FAILS DOWNSCALE	U	10/09/90 - S 09/23/93 - U	930060, CLSD 930108 930109 930110, CLSD
SMPT-PRM03	PRM CHANNEL FAILS INOP	U	10/09/90 - S 02/15/94 - U	930060, CLSD 930108 930109 930110, CLSD 940047 940048, CLSD
SMPT-PTOVR	PMS POINT OVERRIDE	S	05/18/94 - S	940149
SMPT-RBM01	RBM CHANNEL FAIL UPSCALE	S	10/09/90 - S; 07/29/91 - S	
SMPT-RBM02	RBM CHANNEL FAILS DOWNSCALE	S	10/09/90 - S 03/03/92 - S	
SMPT-RBM03	RBM CHANNEL FAILS INOP	S	10/09/90 - S 02/22/93 - S	
SMPT-RBV01	STEAM TUNNEL VENTILATION FAN TRIP	S	09/10/90 - U 02/17/94 - S	900430, CLSD
SMPT-RBW01	RBCCW PUMP TRIP	S	09/10/90 - S; 04/15/91 - S	
SMPT-RBW02	RBCCW HEAT EXCHANGER TUBE LEAK	S	10/09/90 - U 02/03/92 - U	900670, CLSD 920006, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-RBW03	RBCCW NON-ESSTNTIAL LOAD VALVE AO-2253 FAILS CLOSED	S	10/09/90 - U 02/03/92 - S 05/21/93 - S	900669, CLSD
SMPT-RBW04	RBCCW HEAT EXCHANGER SERVICE WATER FLOW BLOCKAGE	S	10/10/90 - U 08/03/92 - U 05/24/93 - S 02/16/94 - S	900660, CLSD 920210, CLSD
SMPT-RBW05	RBCCW/TBCCW AUTO SWAPOVER FAILURE	S	10/10/90 - S 02/22/91 - U 02/03/92 - S	910106, CLSD
SMPT-RC101	RCIC TURBINE CONTROL OIL PRESSURE LOSS	S	10/10/90 - U 07/31/91 - S 03/04/92 - S	900662, CLSD 900663, CLSD 900526, CLSD
SMPT-RC102	RCIC FAILS TO AUTO START	S	10/10/90 - S 09/14/93 - S	
SMPT-RC103	RCIC TURBINE TRIP	S	10/10/90 - S 02/16/94 - S	
SMPT-RC104	RCIC FLOW CONTROLLER AUTO CIRCUIT FAILS LOW	S	11/14/90 - S; 07/29/91 - S	
SMPT-RC105	RCIC FLOW CONTROLLER AUTO CIRCUIT FAILS HIGH	S	10/10/90 - U 07/31/91 - S 03/04/92 - S	900662, CLSD 900663, CLSD 900526, CLSD
SMPT-RC106	RCIC FLOW CONTROLLER OSCILLATION	S	10/10/90 - S 02/24/93 - S	
SMPT-RFC01	RECIRC MG FLOW CONTROLLER FAILS UPSCALE	S	10/10/90 - S 11/01/93 - S 02/17/94 - S	
SMPT-RFC02	RECIRC MG FLOW CONTROLLER FAILS DOWNSCALE	S	10/10/90 - S 04/16/91 - S 11/02/93 - S	
SMPT-RFC03	RECIRC MG FLOW CONTROLLER FAILS AS IS	S	10/10/90 - S 03/09/92 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
			11/02/93 - S	
SMPT-RFC04	RECIRC MG FLOW CONTROLLER OSCILLATION	S	10/10/90 - S 02/24/93 - S 11/02/93 - S	
SMPT-RFC05(DELETED)	RECIRC MASTER CONTROLLER FAILURE	X	10/10/90 - S	
SMPT-RHR01	RHR PUMP TRIP	S	10/10/90 - U; 02/27/91 - U	900775, CLSD 910255, CLSD
SMPT-RHR02	RHR HEAT EXCHANGER TUBE LEAK	U	10/10/90 - U 08/01/91 - U 03/01/92 - U 07/21/92 - S	900664, CLSD 910253, CLSD 920046, CLSD 940230
SMPT-RHR03	LPCI INJECTION VALVE FAILS CLOSED	S	10/10/90 - S 09/23/93 - U	930111, CLSD
SMPT-RHR04	RHR PUMP DISCHARGE LINE BREAK	S	10/10/90 - S 02/25/94 - S	
SMPT-RMC01	RPIS TOTAL FAILURE	S	10/10/90 - S 09/26/93 - U	930113, CLSD
SMPT-RMC02	ROD DRIVE CONTROL TIMER MALFUNCTION	S	10/12/90 - S 05/05/94 - S	
SMPT-RPS01	CONTROL ROD SCRAMS	S	10/10/90 - S; 02/20/91 - S	
SMPT-RPS02	RPS MG OUTPUT BREAKER TRIP	S	09/23/90 - S; 07/29/91 - S	
SMPT-RPS04	CONTROL ROD GROUP POWER FUSE FAILURE	S	10/11/90 - S 09/26/91 - S	
SMPT-RPS05	RPS AUTOMATIC SCRAM CIRCUIT FAILURE	S	10/11/90 - S 02/18/94 - S	
SMPT-RPS06	CONTROL ROD FAILS TO SCRAM	S	10/11/90 - S; 04/16/91 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-RRS01	RECIRC PUMP DISCHARGE VALVE FAILURE	S	10/11/90 - S 03/09/92 - S	
SMPT-RRS02	RECIRC FLOW UNIT FAILS UPSCALE	S	10/11/90 - S 05/27/93 - S	
SMPT-RRS03	RECIRC FLOW UNIT FAILS DOWNSCALE	S	10/11/90 - S 02/22/94 - S	
SMPT-RRS04	RECIRC FLOW UNIT FAILS INOP	S	10/11/90 - S 02/22/91 - S 11/01/93 - S	
SMPT-RRS05	RECIRC FLOW UNIT COMPARATOR FAILURE	S	10/11/90 - S 03/04/92 - S	
SMPT-RRS06	RECIRC FLOW UNIT OSCILLATION	S	10/11/90 - U 05/27/93 - S	
SMPT-RRS07	RECIRC PUMP SHAFT SEIZURE	S	10/11/90 - S 02/23/94 - S	
SMPT-RRS09	RECIRC MG FIELD BREAKER TRIP	S	10/11/90 - U; 07/29/91 - S	900656, CLSD
SMPT-RRS10	RECIRC MG INCOMPLETE START SEQUENCE	S	10/12/90 - S 03/04/92 - S	
SMPT-RRS11	RECIRC PUMP HIGH VIBRATION	S	10/11/90 - U 04/18/91 - S 03/04/92 - S	900657, CLSD
SMPT-RRS12(DELETED)	RECIRC PUMP SPEED FEEDBACK SIGNAL FAILURE	X	10/11/90 - S 05/26/93 - S	
SMPT-RRS13	RECIRC PUMP #1 SEAL FAILURE	S	10/11/90 - S 02/22/94 - S	
SMPT-RRS14	RECIRC PUMP #2 SEAL FAILURE	S	10/12/90 - S; 02/22/91 - U; 07/31/91 - S	910105, CLSD
SMPT-RRS15	RECIRC PUMP RBCCW FLOW LOSS	S	10/12/90 - S 03/03/92 - U	920054, CLSD
SMPT-RRS16	RECIRC PUMP DW CHILLED WATER FLOW LOSS	S	10/12/90 - S 09/22/93 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-RRS17(DELETED)	RECIRC MG CONTROL SIGNAL FAILURE	X	10/12/90 - U; 03/19/91 - S	900651, CLSD
SMPT-RRS18	RECIRC LOOP FLOW TRANSMITTER FAILURE	S	10/12/90 - S 04/16/93 - S 11/01/93 - S	
SMPT-RRS19	RECIRC JET PUMP RISER FAILURE	S	09/10/90 - U 09/04/91 - U 02/03/92 - S	900559, CLSD 910289, CLSD
SMPT-RRS20	RECIRCULATION LOOP RUPTURE	S	10/17/90 - U 09/15/93 - S	910016, CLSD 900773, CLSD
SMPT-RRS21	DISPLACED JET PUMP MIXER		NOT YET IMPLEMENTED	
SMPT-RRS23	BREAK IN JET PUMP INSTRUMENT LINE	S	01/10/95 - S	
SMPT-RRS24	THERMAL HYDRAULIC INSTABILITY	S	12/06/94 - S	
SMPT-RRS25	REACTOR RECIRCULATION PUMP SHAFT FAILURE	S	12/06/94 - S	
SMPT-RRS26	REFERENCE LEG FLASHING	S	12/23/94 - S	
SMPT-RRS27	REFERENCE LEG NON-CONDENSIBLE GAS BUILDUP	S	12/15/94 - S	
SMPT-RSC01(DELETED)	RSCS TOTAL FAILURE	X	RSCS REMOVED BY MC - ACTION IN LOAD S1 - ACTION WILL BE MOVED FROM MENU IN 91-2.	
SMPT-RV101	REACTOR LEVEL TRANSMITTER LT-72 FAILURE	S	10/12/90 - S 03/18/94 - S	
SMPT-RV102	REACTOR LEVEL TRANSMITTER LT-6-52 FAILURE	S	10/15/90 - S 07/30/91 - S 10/09/91 - S	
SMPT-RV103	REACTOR LEVEL TRANSMITTER LT-73 FAILURE	S	10/16/90 - S 04/15/92 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-RVI04	RVP PRESSURE TRANSMITTER PT-6-53 FAILURE	S	10/16/90 - S 10/09/91 - S 09/27/93 - S	
SMPT-RVI05	RVP PRESSURE TRANSMITTER PT-55 FAILURE	S	10/16/90 - S 03/01/94 - S	
SMPT-RVI06	RVP PRESSURE TRANSMITTER PT-404 FAILURE	S	10/16/90 - S; 02/22/91 - S	
SMPT-RVI07	RVP PRESSURE TRANSMITTER PT-6-105 FAILURE	S	10/16/90 - S 10/30/91 - S 04/15/92 - S	
SMPT-RVI08	REFERENCE LINE BREAK-WIDE RANGE LEVEL	S	10/16/90 - U 09/23/93 - U	900652, CLSD 930112, CLSD
SMPT-RVI09	REFERENCE LINE BREAK-NARROW RANGE LEVEL	S	10/16/90 - S 03/18/94 - U	930112, CLSD
SMPT-RVI10	REFERENCE LINE BREAK-REFUEL RANGE LEVEL	S	10/16/90 - S; 07/30/91 - S	
SMPT-RVI11	SENSING LINE BREAK-NARROW RANGE LEVEL	S	10/17/90 - S 05/13/92 - U 05/26/93 - S	920150, CLSD
SMPT-RVI12	SENSING LINE BREAK-WIDE RANGE LEVEL	S	10/17/90 - S 05/27/93 - S	920150, CLSD
SMPT-RVI13	SENSING LINE BREAK-ACTIVE CORE LEVEL	S	10/16/90 - S 05/28/93 - U 05/11/94 - U	920150, CLSD 930042, CLSD
SMPT-RWC01	RWCU PUMP TRIP	S	10/12/90 - S 02/23/94 - S	
SMPT-RWC02	RWCU NONREGENERATIVE HEAT EXCHANGER LEAK	S	10/12/90 - U 10/14/91 - U	900650, CLSD 910311, CLSD
SMPT-RWC03	RWCU FILTER DEMIN CLOGGING	S	10/12/90 - S; 04/16/91 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-RWC04	RWCU RESIN DEPLETION	S	10/12/90 - S 03/03/92 - U	920053, CLSD
SMPT-RWC05	RWCU DRAIN FLOW CONTROL VALVE FAILURE	S	10/12/90 - S 03/09/92 - S	
SMPT-RWC06	RWCU INLET PIPING RUPTURE	S	11/07/90 - U 05/20/93 - S	900707, CLSD 900708, CLSD 920134, CLSD 920220, CLSD
SMPT-RWM01	RWM TOTAL FAILURE	S	10/15/90 - U 05/04/94 - S	900035, CLSD
SMPT-SGT01	STANDBY GAS FAILS TO AUTO INITIATE	S	10/15/90 - S; 02/22/91 - S	
SMPT-SLC01	STANDBY LIQUID PUMP TRIP	S	10/15/90 - S 02/22/93 - S	
SMPT-SLC02	SQUIB VALVES FAIL TO FIRE	S	10/15/90 - S 03/03/92 - S	
SMPT-SRM01	SRM CHANNEL FAILS UPSCALE	S	10/12/90 - S 09/28/93 - S	
SMPT-SRM02	SRM CHANNEL FAILS DOWNSCALE	S	10/12/90 - S 05/05/94 - S	
SMPT-SRM03	SRM CHANNEL FAILS INOP	S	10/12/90 - S; 04/18/91 - S	
SMPT-SRM04	SRM CHANNEL DETECTOR STUCK	S	10/12/90 - S 03/09/92 - S 05/05/94 - S	
SMPT-SRM05	SRM CHANNEL TETRACT PERMIT FAILURE	S	10/12/90 - S 09/29/93 - S	
SMPT-SRM06	SRM CHANNEL FAILS TO TRIP INOP	U	10/12/90 - S 05/05/94 - U	940146
SMPT-SRM07	SRM CHANNEL FAILS TO TRIP DOWNSCALE	S	10/12/90 - S 04/18/91 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-SRM08	SRM CHANNEL FAILS TO TRIP UPSCALE (HI)	S	10/12/90 - S 03/09/92 - S	
SMPT-SRM09	SRM CHANNEL FAILS TO TRIP UPSCALE (HI HI)	S	10/12/90 - S 09/28/93 - U	930114, CLSD
SMPT-SWC01	LOSS OF STATOR WATER COOLING FLOW	S	09/18/90 - U 04/16/91 - S 03/11/94 - S	900540, CLSD 900456, CLSD
SMPT-SWS01	SERVICE WATER PUMP TRIP	S	10/15/90 - S; 04/23/91 - S	
SMPT-SWS02	SERVICE WATER PUMP STRUCTURE GATE FAILS CLOSED	S	10/17/90 - U 02/13/92 - U	900593, CLSD 900645, CLSD 900646, CLSD 900644, CLSD
SMPT-TBW01	TBCCW PUMP TRIP	S	08/27/90 - U 07/31/91 - S 02/25/93 - S	
SMPT-TBW02	TBCCW HEAT EXCHANGER TUBE LEAK	S	10/17/90 - U 03/01/94 - S	900654, CLSD 900642, CLSD
SMPT-TBW03	TBCCW HEAT EXCHANGER SERVICE WATER BLOCKAGE	S	10/17/90 - S 02/21/91 - U 02/11/92 - S	910102, CLSD
SMPT-TBW04 (DELETED)	TBCCW VALVE AO-2352 FAILS TO REPOSITION	X	10/17/90 - U	900640, CLSD 900084, CLSD 910316, CLSD
SMPT-TIP01	TIP DETECTOR STUCK	S	10/17/90 - U 09/21/93 - U	900647, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-TIP02	TIP IN CORE GUIDE TUBE RUPTURE	S	10/17/90 - U 04/17/91 - S 03/02/94 - S	900643, CLSD
SMPT-VAC01A	480 VAC BUS AS4 FAULT	S	10/21/90 - U; 07/30/91 - U	900630, CLSD 900631, CLSD 900632, CLSD 900629, CLSD 910249, CLSD
SMPT-VAC01B	480 VAC BUS BS4 FAULT	S	10/21/90 - U 04/17/91 - S 03/11/92 - S	900627, CLSD 900628, CLSD
SMPT-VAC01C	480 VAC BUS A14 FAULT	S	10/22/90 - U 10/20/93 - S	900609, CLSD 900626, CLSD
SMPT-VAC01D	480 VAC BUS B14 FAULT	S	10/22/90 - U 08/02/91 - S 03/22/94 - S	900607, CLSD
SMPT-VAC01E	480 VAC BUS A24 FAULT	S	10/22/90 - U 10/14/91 - S	900609, CLSD 900625, CLSD
SMPT-VAC01F	480 VAC BUS B24 FAULT	S	10/22/90 - U 03/11/92 - S	900608, CLSD 900624, CLSD
SMPT-VAC01G	480 VAC BUS A34 FAULT	S	10/22/90 - U 10/20/93 - S	900609, CLSD 900622, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC01H	480 VAC BUS B34 FAULT	S	10/22/90 - U 10/20/93 - S	900608, CLSD 900623, CLSD
SMPT-VAC01I	480 VAC BUS 1R4 FAULT	S	10/22/90 - U 07/30/91 - S	900458, CLSD 900606, CLSD 900621, CLSD
SMPT-VAC01J	480 VAC BUS 2R4 FAULT	S	10/22/90 - U 03/11/92 - S	900458, CLSD 900620, CLSD
SMPT-VAC01K	480 VAC BUS 1G4 FAULT	S	10/22/90 - U 10/21/93 - S	900458, CLSD 900611, CLSD
SMPT-VAC01L	480 VAC BUS 2G4 FAULT	S	10/22/90 - U 04/27/94 - S	900458, CLSD 900619, CLSD
SMPT-VAC01M	480 VAC BUS 1T4 FAULT	S	10/22/90 - U 10/14/91 - S	900458, CLSD 900617, CLSD 900618, CLSD
SMPT-VAC01N	480 VAC BUS 2T4 FAULT	S	10/22/90 - U 03/12/92 - S	900458, CLSD 900605, CLSD
SMPT-VAC01O	480 VAC BUS 1PS4 FAULT	S	10/22/90 - U 11/04/93 - S	900458, CLSD 900615,

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				CLSD 900616, CLSD
SMPT-VAC01P	480 VAC BUS 3PS4 FAULT	S	10/22/90 - U 03/19/91 - S 04/19/94 - S	900614, CLSD
SMPT-VAC01Q	480 VAC BUS 2PS4 FAULT	S	10/23/90 - U 07/30/91 - S	900458, CLSD 900613, CLSD
SMPT-VAC01R	480 VAC BUS 4PS4 FAULT	S	10/23/90 - U 03/11/92 - S	900458, CLSD 900612, CLSD
SMPT-VAC02A	480 VAC EMERGENCY BUS E124 FAULT	S	10/23/90 - U 10/20/93 - S	900778, CLSD 900765, CLSD
SMPT-VAC02B	480 VAC EMERGENCY BUS E224 FAULT	S	10/23/90 - U 05/02/94 - S	900778, CLSD 900765, CLSD
SMPT-VAC02C	480 VAC EMERGENCY BUS E324 FAULT	S	10/24/90 - U 07/30/91 - S	900778, CLSD 900765, CLSD
SMPT-VAC02D	480 VAC EMERGENCY BUS E424 FAULT	S	10/25/90 - U 03/26/92 - S	900778, CLSD 900765, CLSD
SMPT-VAC02E	480 VAC EMERGENCY BUS E13A4 FAULT	S	10/25/90 - U 07/30/91 - S 10/20/93 - S	900634, CLSD 900778, CLSD 900765, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC02F	480 VAC EMERGENCY BUS E23A4 FAULT	S	10/25/90 - U 03/22/94 - U	900634, CLSD 900778, CLSD 900765, CLSD 940082, CLSD
SMPT-VAC02G	480 VAC EMERGENCY BUS E43A4 FAULT	S	10/25/90 - U; 07/30/91 - S	900778, CLSD 900765, CLSD
SMPT-VAC03A (DELETED)	480 VAC MCC AS-4-A1 FAULT	X	10/30/90 - S	910088, CLSD
SMPT-VAC03A1	480 VAC MCC 3PS4-W-C FAULT	S	10/30/90 - S 11/04/93 - U	930137, CLSD
SMPT-VAC03AA	480 VAC MCC E424-T-B FAULT	U	10/25/90 - U 04/18/91 - U 07/31/91 - U 04/19/94 - U	900733, CLSD 900732, CLSD 910251, CLSD 940095
SMPT-VAC03B (DELETED)	480 VAC MCC AS4-S-A2 FAULT	X	10/30/90 - S; 02/27/91 - S	910088, CLSD
SMPT-VAC03B1	480 VAC MCC 3PS4-F-B FAULT	S	10/30/90 - S 03/12/92 - S	
SMPT-VAC03BB	480 VAC MCC E424-0-A FAULT	S	10/25/90 - U 03/19/91 - S 11/03/93 - U	900730, CLSD 930131, CLSD
SMPT-VAC03C (DELETED)	480 VAC MCC AS4-S-A FAULT	X	10/30/90 - S	910088, CLSD
SMPT-VAC03C1	480 VAC MCC 3PS4-M-A FAULT	S	10/30/90 - U 10/14/91 - S	900614, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC03CC	480 VAC MCC 1R4-R-B FAULT	S	10/30/90 - S 03/12/92 - S	
SMPT-VAC03D (DELETED)	480 VAC MCC BS4-S-A1 FAULT	X	10/30/90 - S	910088, CLSD
SMPT-VAC03D1	480 VAC MCC 3PS4-V-A FAULT	S	10/30/90 - U 04/19/94 - S	900695, CLSD
SMPT-VAC03DD	480 VAC MCC 1R4-T-A FAULT	S	10/30/90 - U 07/30/91 - S	900621, CLSD
SMPT-VAC03E (DELETED)	480 VAC MCC BS4-S-A21 FAULT	X	10/30/90 - S	910088, CLSD
SMPT-VAC03E1	480 VAC MCC 4PS4-W-B FAULT	S	10/30/90 - S 11/03/93 - S	
SMPT-VAC03EE	480 VAC MCC 2R4-R-B FAULT	S	10/30/90 - S 04/19/94 - S	
SMPT-VAC03F	480 VAC MCC BS4-C-A FAULT	S	10/30/90 - S; 04/16/91 - S	
SMPT-VAC03F1	480 VAC MCC 4PS4-U-C FAULT	S	10/30/90 - U 03/02/92 - S	900694, CLSD 900692, CLSD
SMPT-VAC03FF	480 VAC MCC 2R4-T-A FAULT	S	10/30/90 - S 11/03/93 - S	
SMPT-VAC03G	480 VAC MCC B24-C-A FAULT	S	10/30/90 - S 03/22/94 - S	
SMPT-VAC03G1	480 VAC MCC 4PS4-F-B FAULT	S	10/30/90 - S; 02/27/91 - S	
SMPT-VAC03GG	480 VAC MCC 1G4-T-D FAULT	S	10/30/90 - S 03/12/92 - S	
SMPT-VAC03H	480 VAC MCC B34-C-A FAULT	S	10/30/90 - S 10/28/93 - U	930127, CLSD
SMPT-VAC03H1	480 VAC MCC E13A4-EC-A FAULT	S	10/25/90 - S 03/22/94 - S	

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC03HH	480 VAC MCC 1G4-P-A FAULT	S	10/30/90 - S; 07/30/91 - S	930140
SMPT-VAC03I	480 VAC MCC A34-Y-A FAULT	S	10/30/90 - U 04/18/91 - S 03/23/92 - S	900743, CLSD
SMPT-VAC03I1	480 VAC MCC E23A4-EC-A FAULT	S	10/25/90 - S 11/03/93 - S	
SMPT-VAC03I1	480 VAC MCC 1G4-G-B FAULT	S	10/30/90 - S 10/09/91 - U 03/02/92 - S 05/02/94 - S	910301, CLSD 930124, CLSD
SMPT-VAC03J	480 VAC MCC E124-R-C FAULT	S	10/23/90 - U 10/14/91 - S	900639, CLSD
SMPT-VAC03J1	480 VAC MCC E43A4-EC-A FAULT	S	10/25/90 - S 03/12/92 - S	
SMPT-VAC03JJ	480 VAC MCC 1G4-T-A FAULT	S	10/30/90 - S 11/03/93 - U	930125 - 3, CLSD
SMPT-VAC03K	480 VAC MCC E124-T- FAULT	S	10/23/90 - U 04/18/94 - U	900763, CLSD 940093, CLSD
SMPT-VAC03KK	480 VAC MCC 2G4-R-D FAULT	S	10/30/90 - S; 07/30/91 - S	
SMPT-VAC03L	480 VAC MCC E124-D-A FAULT	S	10/23/90 - S 03/23/92 - S	
SMPT-VAC03LL	480 VAC MCC 2G4-T-A FAULT	S	10/30/90 - S 11/03/93 - S	940118, CLSD
SMPT-VAC03M	480 VAC MCC E124-P-A FAULT	S	10/23/90 - S 05/02/94 - S	930126, CLSD
SMPT-VAC03MM	480 VAC MCC 2G4-G-B FAULT	S	10/30/90 - S; 02/27/91 - S	
SMPT-VAC03N	480 VAC MCC E124-O-A FAULT	S	10/23/90 - U 03/02/92 - S	900767, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC03NH	480 VAC MCC 2G4-P-A FAULT	S	10/30/90 - S 11/03/93 - S	930139
SMPT-VAC03O	480 VAC MCC E224-R-B FAULT	S	10/23/90 - U 04/19/94 - U	900766, CLSD 920008, CLSD 940096, CLSD
SMPT-VAC03OO	480 VAC MCC 1T4-T-C FAULT	S	10/30/90 - S; 07/30/91 - S	
SMPT-VAC03P	480 VAC MCC E224-T-B FAULT	S	10/23/90 - S 03/12/92 - S	
SMPT-VAC03PP	480 VAC MCC 1T4-T-B FAULT	S	10/30/90 - U 11/03/93 - S	900617, CLSD 930136
SMPT-VAC03Q	480 VAC MCC E234-D-A FAULT	S	10/23/90 - S 03/22/94 - S	
SMPT-VAC03QQ	480 VAC MCC 2T4-T-C FAULT	S	10/30/90 - S; 04/18/91 - S	
SMPT-VAC03R	480 VAC MCC E224-P-A FAULT	S	10/23/90 - U 03/23/92 - U	900764, CLSD 920080, CLSD
SMPT-VAC03RR	480 VAC MCC 2T4-T-B FAULT	S	10/30/90 - S 11/04/93 - S	
SMPT-VAC03S	480 VAC MCC E324-R-B FAULT	S	10/23/90 - U 04/18/94 - S	900762, CLSD
SMPT-VAC03SS	480 VAC MCC 2PS4-F-B FAULT	S	10/30/90 - S; 07/30/91 - S	
SMPT-VAC03T	480 VAC MCC E324-R-D FAULT	S	10/24/90 - S 03/23/92 - U	920077, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC03TT	480 VAC MCC 2PS4-U-C FAULT	S	10/30/90 - S 11/04/93 - S	
SMPT-VAC03U	480 VAC MCC E324-D-A FAULT	S	10/24/90 - S 03/22/94 - S	
SMPT-VAC03UU	480 VAC MCC 2PS4-W-B FAULT	S	10/30/90 - S; 02/27/91 - S	
SMPT-VAC03V	480 VAC MCC E324-T-B FAULT	S	10/24/90 - U 03/19/91 - S 04/18/91 - S 03/23/92 - U	900760, CLSD 920076, CLSD
SMPT-VAC03VV	480 VAC MCC 1PS4-V-A FAULT	S	10/30/90 - U 10/28/93 - U	900615, CLSD 930128, CLSD
SMPT-VAC03W	480 VAC MCC E324-O-A FAULT	S	10/24/90 - S 03/22/94 - S	
SMPT-VAC03WW	480 VAC MCC 1PS4-W-C FAULT	S	10/30/90 - S; 07/30/91 - U	910250, CLSD
SMPT-VAC03X	480 VAC MCC E424-W-A FAULT	S	10/24/90 - U 03/23/92 - S	900759, CLSD 940100, CLSD
SMPT-VAC03XX	480 VAC MCC 1PS4-C-B FAULT	S	10/30/90 - S 10/28/93 - S	
SMPT-VAC03Y	480 VAC MCC E424-R-D FAULT	S	10/25/90 - U 07/31/91 - U 04/18/94 - U	900733, CLSD 910252, CLSD 940092
SMPT-VAC03YY	480 VAC MCC 1PS4-M-A FAULT	S	10/30/90 - S; 02/27/91 - S	
SMPT-VAC03Z	480 VAC MCC E424-D-A FAULT	S	10/25/90 - S 03/23/92 - S	940147, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC032Z	480 VAC MCC 3PS4-O-S FAULT	S	10/30/90 - S 10/28/93 - S	
SMPT-VAC04A	120 VAC INSTRUMENT PANEL FAULT	S	09/13/90 - U 10/09/91 - U 04/28/94 - U	900666, CLSD 920005, CLSD 940114, CLSD 940115, CLSD 940139, CLSD
SMPT-VAC04B	120 VAC INSTRUMENT PANEL FAULT	S	10/28/90 - U 08/16/91 - U	900742, CLSD 900750, CLSD 900748, CLSD 910275, CLSD 930068, CLSD
SMPT-VAC04C	120 VAC INSTRUMENT PANEL FAULT	S	10/29/90 - U 03/12/92 - U	900754, CLSD 900753, CLSD 900751, CLSD 900749, CLSD 900752, CLSD 920063, CLSD 920139, CLSD 930064, CLSD
SMPT-VAC04D	120 VAC INSTRUMENT PANEL FAULT	S	10/29/90 - U 07/20/92 - S 11/08/93 - S	900755, CLSD 900756, CLSD 930144

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SMPT-VAC04E	120 VAC INSTRUMENT PANEL FAULT	S	10/29/90 - U 04/16/91 - U 08/08/91 - U 05/27/93 - S 05/02/94 - S	900757, CLSD 910259, CLSD 920179, CLSD 940143
SMPT-VAC04F	120 VAC INSTRUMENT PANEL FAULT	S	10/29/90 - U 08/16/91 - U	900758, CLSD 900727, CLSD 900728, CLSD 910276, CLSD 930061, CLSD
SMPT-VED01	MOTOR OPERATED VALVE MAGNETIC OVER CURRENT TRIP	S	05/11/94 - S	

EXHIBIT 3

Simulator Performance Test Report -

Computer Performance, Steady State and

Normal Operation, and Transient

Performance Tests

PEACH BOTTOM ATOMIC POWER STATION UNIT 2
SIMULATOR
SIMULATOR PERFORMANCE TESTS REPORT

The Simulator Performance Tests are grouped into four categories:

- SCPT, Simulator Computer Performance Tests
- SSPT, Simulator Steady-State and Normal Operation Tests
- SMPT, Simulator Malfunction Performance Tests
- STPT and SMPTT, Simulator Transient Performance Tests

The tests required to demonstrate acceptable Simulator Performance are identified, prepared, and tested against the acceptance criteria described in ANSI/ANS 3.5-1985. The listing below tabulates all the Simulator Performance Tests performed for Simulator Certification, their current status (S- satisfactory, U- unsatisfactory, X- deleted), the dates the tests were completed with test results, and any simulator work orders generated against the test. "Clsd" following a work order number indicates that the work order has been resolved and is closed. For those tests which have an open work order against them, the training impact has been assessed. Those tests with discrepancy having training impact are considered unsatisfactory.

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PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
SSPT-HEAT BALANCE	SIMULATOR HEAT BALANCE TEST AT APPROX. 100%, 50%, AND 25% POWER	U	01/05/91 - U 10/14/91 - U 07/28/92 - U 11/11/93 - U 06/02/94 - U	910031, CLSD 910032, CLSD 910033, CLSD 910290, CLSD 910329, CLSD 910330, CLSD 910331, CLSD 920098 920186 920189 920190 930145
SMPTT-IPM02	MSIV CLOSURE WITH FAILED OPEN SRV AND NO HP ECCS	S	01/05/91 - S 07/22/91 - S 02/03/92 - S 05/03/93 - U	900126, CLSD 920010, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
			01/26/94 - U	930026, CLSD 940034, CLSD 940035, CLSD 940036, CLSD
STPT-1PM03	ANTICIPATED TRANSIENT WITHOUT SCRAM	S	01/06/91 - U 08/17/91 - S 02/09/92 - S 05/04/93 - S 05/24/94 - S	910023, CLSD
STPT-MANUAL SCRAM	SIMULATOR TRANSIENT PERFORMANCE TEST MANUAL SCRAM	S	01/05/91 - S 07/23/91 - S 02/02/92 - S 04/26/93 - S 05/17/94 - U	930147, CLSD
STPT-MAT-1843J	RFPT TRIP FROM ~ 74.4% POWER	S	03/11/92 - S 11/16/93 - S 05/31/94 - S	
STPT-MAT-1843JA	RFPT TRIP FROM ~ 90.0% POWER	S	03/05/92 - S 11/15/93 - S 06/08/94 - S	910017, CLSD
STPT-MAT-1843K	CONDENSATE PUMP TRIP WITH RECIRC RUNBACK FROM ~ 92% POWER	S	03/03/92 - S 11/15/93 - S 06/09/94 - S	910017, CLSD
STPT-MAT-1843L	RECIRCULATION PUMP TRIP FROM ~ 96% POWER	S	03/11/92 - S 11/15/93 - U 05/27/94 - U	910018, CLSD 910022, CLSD 930147, CLSD
STPT-MFS02	SIMULTANEOUS TRIP OF ALL FEED PUMPS	S	01/05/91 - S 08/17/91 - S 02/03/92 - S 05/05/93 - S 05/20/94 - S	
STPT-MSS02	MAX UNISOLABLE STEAM LINE RUPTURE	S	01/06/91 - U 08/17/91 - U 07/01/92 - U 05/17/93 - U	910012, CLSD 910013, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
			05/18/94 - U	910015, CLSD 910306, CLSD 910307, CLSD
STPT-MSS06*	SIMULTANEOUS CLOSURE OF ALL MSIV's	S	01/06/91 - U 08/17/91 - U 02/03/92 - S 05/03/93 - U 05/19/94 - U	900587, CLSD 910014, CLSD 910168, CLSD 920010, CLSD 930026, CLSD 940036, CLSD
STPT-MTA04	TURBINE TRIP WITHIN BYPASS VALVE CAPACITY	S	01/01/91 - U 08/17/91 - S 02/02/92 - S 11/16/93 - S 05/25/94 - S	910021, CLSD
STPT-PWRRAMP	MAX RATE POWER RAMP FROM 100% TO 75% TO 100%	S	01/05/91 - S 08/18/91 - S 02/09/92 - S 05/07/93 - S 05/27/94 - S	
SMPTT-RRS08	RECIRC MG DRIVE MOTOR BREAKER TRIP	S	01/05/91 - U 07/25/91 - U 02/03/92 - S 04/26/93 - U 05/17/94 - S	910023, CLSD 900656, CLSD 910246, CLSD 910018, CLSD 910022, CLSD
STPT-RRS08*	SIMULTANEOUS TRIP OF ALL RECIRC PUMPS	S	01/06/91 - U 08/16/91 - U 01/12/92 - S 04/26/93 - U 05/23/94 - U	910023, CLSD 900656, CLSD 910246, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
				920153, CLSD 940176, CLSD
STPT-RRS20	MAX RECIRC SUCTION BREAK WITH LOP	S	01/06/91 - U 07/25/91 - U 02/03/92 - U 05/18/93 - U 05/25/94 - U	910016, CLSD 910245, CLSD 910278, CLSD 920009, CLSD
SCPT-RT001	SIMULATOR COMPUTER REAL TIME TEST	S	01/05/91 - S 08/17/91 - U 03/23/92 - S 11/17/93 - S 06/02/94 - S	910277, CLSD
STPT-SP-1230	RECIRCULATION RUNBACK (DELETED)	X	01/05/91 - U 09/25/91 - U REPLACED BY STPT-MAT-1843K	910017, CLSD
STPT-SP-1231	RECIRCULATION PUMP TRIP (DELETED)	X	01/05/91 - U 10/14/91 - U REPLACED BY STPT-MAT-1843L	910018, CLSD 910022, CLSD 910023, CLSD
STPT-SP-1232	REACTOR FEEDWATER PUMP TRIP (DELETED)	X	01/05/91 - S 09/19/91 - S REPLACED BY STPT-MAT-1843J	
STPT-SP-1233	TURBINE TRIP WITHIN BYPASS VALVE CAPACITY	S	01/05/91 - S 09/23/91 - S 03/02/92 - S 11/16/93 - S 05/25/94 - S	
SSPT-STABILITY/MASS BAL	SIMULATOR STABILITY AND MASS BALANCE TEST	S	01/05/91 - S 09/16/91 - S 05/18/92 - S 11/17/93 - S 05/26/94 - S	910290, CLSD

PERFORMANCE TEST	PERFORMANCE TEST TITLE	TEST STATUS	TEST HISTORY	WORK ORDER NUMBER
STPT-UPSET 2-85-07	PLANT UPSET REPORT # 2-85-07 LOSS OF FEEDWATER AND MSIV CLOSURE	S	02/09/92 - U 04/26/93 - U 05/12/94 - U	920010, CLSD 920012, CLSD 940036, CLSD

EXHIBIT 4

Simulator Performance Test Schedule -

Malfunction Tests

PEACH BOTTOM ATOMIC POWER STATION
UNIT 2 SIMULATOR
PERFORMANCE TEST SCHEDULE

These Simulator Performance Tests are schedule to be conducted during the year indicated in addition to the Annual Performance Tests.

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The Simulator Performance Tests listed below are to be performed during calendar year: 1995

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - ADS01	ADS CHANNEL FAILS TO INITIATE
SMPT - ADS02	RUPTURE IN SRV DOWNCOMER IN TORUS AIRSPACE
SMPT - APR02	APRM CHANNEL FAILS DOWNSCALE
SMPT - APR05	APRM FAILS TO TRIP DOWNSCALE
SMPT - ARI141	ARI ISOLATION/EXHAUST VALVE 141 FAILURE
SMPT - ARM02	ARM CHANNEL FAILS DOWNSCALE
SMPT - CAS01	LOSS OF INSTRUMENT AIR
SMPT - CRH03	CRD HYDRAULIC PUMP TRIP
SMPT - CRH06	CRD STABILIZING VALVE FAILS CLOSED
SMPT - CRH08	SCRAM DISCHARGE VOLUME LEVEL HIGH
SMPT - CRH12	SCRAM DISCHARGE VOLUME DRAIN VALVE FAILS CLOSED
SMPT - CRM03	CONTROL ROD UNCOUPLED
SMPT - CSS02	CORE SPRAY INJECTION VALVE FAILS TO AUTO OPEN
SMPT - CWS06	TRAVELING SCREEN BLOCKAGE
SMPT - DCD01C	250 VDC DIST. PANEL 20D07 FAULT
SMPT - DCD02B	125 VDC DISTRIBUTION PANEL 2PPA FAULT
SMPT - DCD03B	24 VDC DISTRIBUTION PANEL BUS 2F FAULT
SMPT - DCW04	DWCW LEAKAGE INSIDE THE DRYWELL
SMPT - ECW01	ECW PUMP TRIP

The Simulator Performance Tests listed below are to be performed during calendar year: 1995

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - EHH03	BYPASS VALVE STICKY OPEN
SMPT - EHL03	PRESSURE REGULATOR OSCILLATION
SMPT - ESD02	FW HEATER LEVEL CONTROL VALV FAILS OPEN
SMPT - FCR01	FUEL CLADDING FAILURE
SMPT - FCR02	INCREASED CONTROL ROD WORTH
SMPT - FWC07	FWC FUNCTION GENERATOR FAILS LOW
SMPT - HPC01	FAILURE OF HPCI TO AUTO START
SMPT - HPC05	HPCI FLOW CONTROLLER FAILS HIGH
SMPT - HPC09	HPCI LUBE OIL SYSTEM FAILURE
SMPT - IPM03	ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS)
SMPT - IPM04	FIRE IN THE REMOTE SHUTDOWN PANEL
SMPT - IRM04	IRM CHANNEL DETECTOR SRUCK
SMPT - LPR02	LPRM FAILS DOWNSCALE
SMPT - MAP05	STARTUP SOURCES BUS FAULT
SMPT - MAP07C	4.16 KV EMERGENCY BUS E-2 (20A17) FAULT
SMPT - MAP07G	4.16 KV EMERGENCY BUS E-33 FAULT
SMPT - MCS02	HOTWELL LEVEL TRANSMITTER FAILS HIGH
SMPT - MCS06	CONDENSATE DEMIN RESIN DEPLETION
SMPT - MFS02	REACTOR FEEDWATER PUMP HIGH VIBRATION
SMPT - MFS06	FEEDWATER HEATER TUBE LEAK
SMPT - MGA02	VOLTAGE REGULATOR FAILS HIGH
SMPT - MGA06	GENERATOR FIELD BREAKER FAILS TO CLOSE
SMPT - MLO02	MAIN SHAFT OIL PUMP FAILURE

The Simulator Performance Tests listed below are to be performed during calendar year: 1995

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - MSS04	MAIN STEAM HEADER PRESSURE TRANSMITTER PT-2184/PT-2185 FAILURE
SMPT - MSS10	STEAM LEAKAGE IN THE STEAM TUNNEL
SMPT - MTA01	MAIN TURBINE BEARING HIGH TEMPERATURE
SMPT - MTA02	MAIN TURBINE BEARING HIGH VIBRATION
SMPT - OGR02	WATER IN THE OFF GAS PIPING
SMPT - PCI01	GROUP ISOLATION VALVE ISOLATION FAILURE
SMPT - PCS03	TORUS-DRYWELL VACUUM BREAKER FAILS OPEN
SMPT - PCS05	BREAK IN DRYWELL AIRSPACE
SMPT - PCS06	BREAK IN TORUS AIRSPACE
SMPT - PCS07	BREAK IN TORUS WATER SPACE
SMPT - PPC01	PLANT PROCESS COMPUTER FAILURE
SMPT - RBM01	RBM CHANNEL FAIL UPSCALE
SMPT - RBW01	RBCCW PUMP TRIP
SMPT - RBW05	RBCCW/TBCCW AUTO SWAPOVER FAILURE
SMPT - RCI04	RCIC FLOW CONTROLLER AUTO CIRCUIT FAILS LOW
SMPT - RFC02	RECIRC MG FLOW CONTROLLER FAILS DOWNSCALE
SMPT - RHR01	RHR PUMP TRIP
SMPT - RPS01	CONTROL ROD SCRAMS
SMPT - RPS02	RPS MG OUTPUT BREAKER TRIP
SMPT - RPS06	CONTROL ROD FAILS TO SCRAM
SMPT - RRS04	RECIRC FLOW UNIT FAILS INOP
SMPT - RRS09	RECIRC MG FIELD BREAKER TRIP
SMPT - RRS14	RECIRC PUMP #2 SEAL FAILURE

The Simulator Performance Tests listed below are to be performed during calendar year: 1995

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - RRS18	RECIRC LOOP FLOW TRANSMITTER FAILURE
SMPT - RRS23	BREAK IN JET PUMP INSTRUMENT LINE
SMPT - RRS24	THERMAL HYDRAULIC INSTABILITY
SMPT - RRS25	REACTOR RECIRCULATION PUMP SHAFT FAILURE
SMPT - RRS26	REFERENCE LEG FLASHING
SMPT - RRS27	REFERENCE LEG NON-CONDENSIBLE GAS BUILDUP
SMPT - RVI02	REACTOR LEVEL TRANSMITTER LT-6-52 FAILURE
SMPT - RVI06	RVP PRESSURE TRANSMITTER PT-404 FAILURE
SMPT - RVI10	REFERENCE LINE BREAK-REFUEL RANGE LEVEL
SMPT - RWC02	RWCU NONREGENERATIVE HEAT EXCHANGER LEAK
SMPT - RWC03	RWCU FILTER DEMIN CLOGGING
SMPT - SGT01	STANDBY GAS FAILS TO AUTO INITIATE
SMPT - SRM03	SRM CHANNEL FAILS INOP
SMPT - SRM07	SRM CHANNEL FAILS TO TRIP DOWNSCALE
SMPT - SWS01	SERVICE WATER PUMP TRIP
SMPT - TBW03	TBCCW HEAT EXCHANGER SERVICE WATER BLOCKAGE
SMPT - VAC01A	480 VAC BUS AS4 FAULT
SMPT - VAC01E	480 VAC BUS A24 FAULT
SMPT - VAC01I	480 VAC BUS 1R4 FAULT
SMPT - VAC01M	480 VAC BUS 1T4 FAULT
SMPT - VAC01Q	480 VAC BUS 2PS4 FAULT
SMPT - VAC02C	480 VAC EMERGENCY BUS E324 FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1995

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - VAC02G	480 VAC EMERGENCY BUS E43A4 FAULT
SMPT - VAC03C1	480 VAC MCC 3PS4-M-A FAULT
SMPT - VAC03DD	480 VAC MCC 1R4-T-A FAULT
SMPT - VAC03F	480 VAC MCC BS4-C-A FAULT
SMPT - VAC03G1	480 VAC MCC 4PS4-F-B FAULT
SMPT - VAC03HH	480 VAC MCC 1G4-P-A FAULT
SMPT - VAC03J	480 VAC MCC E124-R-C FAULT
SMPT - VAC03KK	480 VAC MCC 2G4-R-D FAULT
SMPT - VAC03MM	480 VAC MCC 2G4-G-B FAULT
SMPT - VAC03OO	480 VAC MCC 1T4-T-C FAULT
SMPT - VAC03QQ	480 VAC MCC 2T4-T-C FAULT
SMPT - VAC03SS	480 VAC MCC 2PS4-F-B FAULT
SMPT - VAC03UU	480 VAC MCC 2PS4-W-B FAULT
SMPT - VAC03WW	480 VAC MCC 1PS4-W-C FAULT
SMPT - VAC03YY	480 VAC MCC 1PS4-M-A FAULT
SMPT - VAC04B	120 VAC INSTRUMENT PANEL FAULT
SMPT - VAC04F	120 VAC INSTRUMENT PANEL FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1996

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - ANN01	CONTROL ROOM ANNUNCIATOR SYSTEM FAILURE
SMPT - APR03	APRM CHANNEL FAILS INOP
SMPT - APR06	APRM FAILS TO TRIP INOPERATIVE
SMPT - ARI142	ARI EXHAUST VALVE 142 FAILURE
SMPT - ARM03	ARM CHANNEL FAILS INOP
SMPT - CAS02	INSTRUMENT NITROGEN RECEIVER LEAK

The Simulator Performance Tests listed below are to be performed during calendar year: 1996

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - CRH04	CONTROL ROD DRIFTS IN
SMPT - CRH07	LOSS OF AIR PRESSURE TO CRD HCU'S
SMPT - CRH09	SCRAM DISCHARGE VENT VALVE FAILS OPEN
SMPT - CRH13	CONTROL ROD GROUP FAILS TO SCRAM
SMPT - CRM04	CONTROL ROD RPIS FAILURE
SMPT - CWS01	LOSS OF CONOWINGO POND
SMPT - CWS04	COOLING TOWER LIFT PUMP TRIP
SMPT - CWS07	TRASH RACKS BLOCKAGE
SMPT - DCD01D	250 VDC DIST. PANEL 20D08 FAULT
SMPT - DCD02C	125 VDC DISTRIBUTION PANEL 2PPC FAULT
SMPT - DCW01	DW CHILLER WATER PUMP TRIP
SMPT - DGA01	DIESEL GENERATOR FAILS TO START
SMPT - ECW02	ECW COOLING FAN TRIP
SMPT - EHH04	EHC HYDRAULIC PUMP TRIP
SMPT - EHL05	LOAD SET FAILURE
SMPT - ESD03	FW HEATER LEVEL CONTROL VALVE FAILS CLOSED
SMPT - FPS01	CARDOX INJECTION TO THE DIESEL GENERATOR ROOM
SMPT - FWC04	FW FLOW TRANSMITTER FT-50 FAILURE
SMPT - FWC08	FEEDWATER PUMP MGU 120 VAC POWER LOSS
SMPT - HPC02	HPCI SPURIOUS AUTO START
SMPT - HPC06	HPCI FLOW CONTROLLER OSCILLATION
SMPT - HPW01	HPSW PUMP TRIP
SMPT - HSO01	HYDROGEN SEAL OIL PRESSURE DECREASE

The Simulator Performance Tests listed below are to be performed during calendar year: 1996

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - IRM01	IRM CHANNEL FAILS UPSCALE
SMPT - IRM07	IRM CHANNEL FAILS TO TRIP UPSCALE HI
SMPT - IRM08	IRM CHANNEL FAILS TO TRIP UPSCALE (HI HI)
SMPT - LPR01	LPRM FAILS UPSCALE
SMPT - MAP01	MAIN TRANSFORMER COOLING LOSS
SMPT - MAP02	LOSS OFF-SITE POWER SOURCES
SMPT - MAP06C	13.2 KV BREAKER TRIP
SMPT - MAP07D	4.16 KV EMERGENCY BUS E42 (20A18) FAULT
SMPT - MAP07H	4.16 KV EMERGENCY BUS E-43 FAULT
SMPT - MCS03	HOTWELL LEVEL TRANSMITTER FAILS LOW
SMPT - MCS07	CONDENSATE FILTER/DEMIN RESIN INJECTION
SMPT - MFS03	REACTOR FEEDWATER PUMP LOSS OF LUBE OIL
SMPT - MFS07	LOSS OF AIR TO RFP C DISCHARGE BYPASS VALVE
SMPT - MGA03	VOLTAGE REGULATOR FAILS LOW
SMPT - MGA07	MAIN GENERATOR HYDROGEN LEAK
SMPT - MSS01	STEAM LEAKAGE INSIDE THE PRIMARY CONTAINMENT
SMPT - MSS05	MSIV DISC FAILURE
SMPT - MSS11	MSL FLOW TRANSMITTER FT-6-51 FAILURE
SMPT - MTA03	TURBINE HP VALVE FAILS CLOSED
SMPT - MTA05	STEAM CEAL REGULATOR FAILS OPEN
SMPT - OGR03	OFF GAS CONDENSER LEVEL HIGH
SMPT - PCI02	PCIS VENT TRIP COIL FAILURE

The Simulator Performance Tests listed below are to be performed during calendar year: 1996

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - PRM01	PRM CHANNEL FAILS UPSCALE
SMPT - RBM02	RBM CHANNEL FAILS DOWNSCALE
SMPT - RBW02	RBCCW HEAT EXCHANGER TUBE LEAK
SMPT - RCI01	RCIC TURBINE CONTROL OIL PRESSURE LOSS
SMPT - RCI05	RCIC FLOW CONTROLLER AUTO CIRCUIT FAILS HIGH
SMPT - RFC03	RECIRC MG FLOW CONTROLLER FAILS AS IS
SMPT - RHR02	RHR HEAT EXCHANGER TUBE LEAK
SMPT - RRS01	RECIRC PUMP DISCHARGE VALVE FAILURE
SMPT - RRS05	RECIRC FLOW UNIT COMPARATOR FAILURE
SMPT - RRS10	RECIRC MG INCOMPLETE START SEQUENCE
SMPT - RRS11	RECIRC PUMP HIGH VIBRATION
SMPT - RRS15	RECIRC PUMP RBCCW FLOW LOSS
SMPT - RRS19	RECIRC JET PUMP RISER FAILURE
SMPT - RVI03	REACTOR LEVEL TRANSMITTER LT-73 FAILURE
SMPT - RVI07	RVP PRESSURE TRANSMITTER PT-6-105 FAILURE
SMPT - RVI11	SENSING LINE BREAK-NARROW RANGE LEVEL
SMPT - RWC04	RWCU RESIN DEPLETION
SMPT - RWC05	RWCU DRAIN FLOW CONTROL VALVE FAILURE
SMPT - SLC02	SQUIB VALVES FAIL TO FIRE
SMPT - SRM04	SRM CHANNEL DETECTOR STUCK
SMPT - SRM08	SRM CHANNEL FAILS TO TRIP UPSCALE (HI)
SMPT - SWS02	SERVICE WATER PUMP STRUCTURE GATE FAILS CLOSED

The Simulator Performance Tests listed below are to be performed during calendar year: 1996

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - VAC01B	480 VAC BUS BS4 FAULT
SMPT - VAC01F	480 VAC BUS B24 FAULT
SMPT - VAC01J	480 VAC BUS 2R4 FAULT
SMPT - VAC01N	480 VAC BUS 2T4 FAULT
SMPT - VAC01R	480 VAC BUS 4PS4 FAULT
SMPT - VAC02D	480 VAC EMERGENCY BUS E424 FAULT
SMPT - VAC03B1	480 VAC MCC 3PS4-F-B FAULT
SMPT - VAC03CC	480 VAC MCC 1R4-R-B FAULT
SMPT - VAC03F1	480 VAC MCC 4PS4-U-C FAULT
SMPT - VAC03GG	480 VAC MCC 1G4-T-D FAULT
SMPT - VAC03I	480 VAC MCC A34-Y-A FAULT
SMPT - VAC03J1	480 VAC MCC E43A4-EC-A FAULT
SMPT - VAC03L	480 VAC MCC E124-D-A FAULT
SMPT - VAC03N	480 VAC MCC E124-O-A FAULT
SMPT - VAC03P	480 VAC MCC E224-T-B FAULT
SMPT - VAC03R	480 VAC MCC E224-P-A FAULT
SMPT - VAC03T	480 VAC MCC E324-R-D FAULT
SMPT - VAC03V	480 VAC MCC E324-T-B FAULT
SMPT - VAC03X	480 VAC MCC E424-W-A FAULT
SMPT - VAC03Z	480 VAC MCC E424-D-A FAULT
SMPT - VAC04C	120 VAC INSTRUMENT PANEL FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1997

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - ANN03	ANNUNCIATOR CRY WOLF (CWA), DEFEAT (DWA)
SMPT - APR04	APRM CHANNEL AVERAGE CIRCUIT DEVIATION

The Simulator Performance Tests listed below are to be performed during calendar year: 1997

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - ARIF2	ARI POWER SUPPLY FAILURE
SMPT - ARM01	ARM CHANNEL FAILS UPSCALE
SMPT - CAR01	MAIN CONDENSER AIR IN LEAKAGE
SMPT - CRH01	FLOW CONTROL VALVE FAILURE
SMPT - CRH05	CONTROL ROD ACCUMULATOR TROUBLE
SMPT - CRH10	SCRAM DISCHARGE VOLUME VENT VALVE FAILS CLOSED
SMPT - CRM01	CONTROL ROD DRIFTS OUT
SMPT - CRM05	CONTROL ROD SLOW SCRAM TIME
SMPT - CWS02	MAIN CIRC WATER PUMP TRIP
SMPT - CWS05	COOLING TOWER FANS TRIP
SMPT - DCD01A	250 VDC DISTRIBUTION PANEL 20D12 FAULT
SMPT - DCD01E	250 VDC DIST. PANEL 20D05 FAULT
SMPT - DCD02D	125 VDC DISTRIBUTION PANEL 2PPD FAULT
SMPT - DCD02E	125 VDC DISTRIBUTION PANEL 2BD306 FAULT
SMPT - DCW02	DW CHILLED WATER CHILLER TRIP
SMPT - DGA02	DIESEL GENERATOR BREAKER AUTO CLOSE FAILURE
SMPT - EHH01	BYPASS VALVE FAILS OPEN
SMPT - EHL01	PRESSURE REGULATOR FAILS LOW
SMPT - EHL06	LOAD RUNBACK FAILS TO TERMINATE
SMPT - ESD04	MOISTURE SEPERATOR DRAIN TANK LEVEL CONTROL VALVE FAILS CLOSED
SMPT - FWC01	RFP M/A CONTROLLER FAILURE
SMPT - HPC03	HPCI TURBINE TRIP
SMPT - HPC07	HPCI STEAM SUPPLY LINE BREAK

The Simulator Performance Tests listed below are to be performed during calendar year: 1997

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - IPM01	LOSS OF ALL AC POWER
SMPT - IRM02	IRM CHANNEL FAILS DOWNSCALE
SMPT - IRM06	IRM CHANNEL FAILS TO TRIP DOWNSCALE
SMPT - MAP03	500 KV CONTROL AIR FAILURE
SMPT - MAP07A	4.16 KV EMERGENCY BUS E12 (20A15) FAULT
SMPT - MAP07E	4.16 KV EMERGENCY BUS E-13 FAULT
SMPT - MAP08	4.16 KV BUS AUTO TRANSFER FAILURE
SMPT - MCS01	MAIN CONDENSER TUBE LEAKAGE
SMPT - MCS04	HOTWELL LEVEL TRANSMITTER FAILS AS IS
SMPT - MCS08	EXHAUST HOOD SPRAY VALVE FAILS CLOSED
SMPT - MFS04	REACTOR FEEDWATER PUMP MINIMUM FLOW VALVE FAILS OPEN
SMPT - MFS08	LOSS OF AIR TO RFP BYPASS VALVE CV-2558
SMPT - MGA04	VOLTAGE REGULATOR TRANSFERS TO MANUAL
SMPT - MSS06	MSIV FAILS CLOSED
SMPT - MSS08	REACTOR PRESSURE RELIEF VALVE FAILURE
SMPT - MTA04	MAIN TURBINE TRIP
SMPT - MTA06	STEAM SEAL REGULATOR FAILS CLOSED
SMPT - PCS01	COOLANT LEAKAGE INSIDE THE PRIMARY CONTAINMENT
SMPT - PCS04	DW PRESSURE TRANSMITTER PT-5-12 FAILURE
SMPT - PRM02	PRM CHANNEL FAILS DOWNSCALE
SMPT - RBM03	RBM CHANNEL FAILS INOP
SMPT - RBW03	RBCCW NON-ESSENTIAL LOAD VALVE AO-2253 FAILS CLOSED

The Simulator Performance Tests listed below are to be performed during calendar year: 1997

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - RCI02	RCIC FAILS TO AUTO START
SMPT - RCI06	RCIC FLOW CONTROLLER OSCILLATION
SMPT - RFC04	RECIRC MG FLOW CONTROLLER OSCILLATION
SMPT - RHR03	LPCI INJECTION VALVE FAILS CLOSED
SMPT - RMC01	RPIS TOTAL FAILURE
SMPT - RPS04	CONTROL ROD GROUP POWER FUSE FAILURE
SMPT - RRS02	RECIRC FLOW UNIT FAILS UPSCALE
SMPT - RRS06	RECIRC FLOW UNIT OSCILLATION
SMPT - RRS16	RECIRC PUMP DW CHILLED WATER FLOW LOSS
SMPT - RRS20	RECIRCULATION LOOP RUPTURE
SMPT - RVI04	RVP PRESSURE TRANSMITTER PT-6-53 FAILURE
SMPT - RVI08	REFERENCE LINE BREAK-WIDE RANGE LEVEL
SMPT - RVI12	SENSING LINE BREAK-WIDE RANGE LEVEL
SMPT - RWC06	RWCU INLET PIPING RUPTURE
SMPT - SLC01	STANDBY LIQUID PUMP TRIP
SMPT - SRM01	SRM CHANNEL FAILS UPSCALE
SMPT - SRM05	SRM CHANNEL TETRACT PERMIT FAILURE
SMPT - SRM09	SRM CHANNEL FAILS TO TRIP UPSCALE (HI HI)
SMPT - TBW01	TBCCW PUMP TRIP
SMPT - TIP01	TIP DETECTOR STUCK
SMPT - VAC01C	480 VAC BUS A14 FAULT
SMPT - VAC01G	480 VAC BUS A34 FAULT
SMPT - VAC01H	480 VAC BUS B34 FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1997

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - VAC01K	480 VAC BUS 1G4 FAULT
SMPT - VAC01O	480 VAC BUS 1PS4 FAULT
SMPT - VAC02A	480 VAC EMERGENCY BUS E124 FAULT
SMPT - VAC02E	480 VAC EMERGENCY BUS E13A4 FAULT
SMPT - VAC03A1	480 VAC MCC 3PS4-W-C FAULT
SMPT - VAC03BB	480 VAC MCC E424-O-A FAULT
SMPT - VAC03E1	480 VAC MCC 4PS4-W-B FAULT
SMPT - VAC03FF	480 VAC MCC 2R4-T-A FAULT
SMPT - VAC03H	480 VAC MCC B34-C-A FAULT
SMPT - VAC03I1	480 VAC MCC E23A4-EC-A FAULT
SMPT - VAC03JJ	480 VAC MCC 1G4-T-A FAULT
SMPT - VAC03LL	480 VAC MCC 2G4-T-A FAULT
SMPT - VAC03NN	480 VAC MCC 2G4-P-A FAULT
SMPT - VAC03PP	480 VAC MCC 1T4-T-B FAULT
SMPT - VAC03RR	480 VAC MCC 2T4-T-B FAULT
SMPT - VAC03TT	480 VAC MCC 2PS4-U-C FAULT
SMPT - VAC03VV	480 VAC MCC 1PS4-V-A FAULT
SMPT - VAC03XX	480 VAC MCC 1PS4-C-B FAULT
SMPT - VAC03ZZ	480 VAC MCC 3PS4-O-S FAULT
SMPT - VAC04D	120 VAC INSTRUMENT PANEL FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1998

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - APR01	APRM CHANNEL FAILS UPSCALE
SMPT - APR07	APRM FAILS TO TRIP UPSCALE (HI)
SMPT - APR08	APRM FAILS TO TRIP UPSCALE HI HI

The Simulator Performance Tests listed below are to be performed during calendar year: 1998

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - CAR02	SJAE STEAM SUPPLY VALVE FAILS CLOSED
SMPT - CRH02	CRD DRIVE WATER FILTER CLOGGING
SMPT - CRH11	SCRAM DISCHARGE VOLUME DRAIN VALVE FAILS OPEN
SMPT - CRM02	CONTROL ROD BLADE STUCK
SMPT - CSS01	CORE SPRAY PUMP TRIP
SMPT - CWS03	MAIN CONDENSER TUBE BLOCKAGE
SMPT - DCD01B	250 VDC DIST. PANEL 20D11 FAULT
SMPT - DCD02A	125 VDC DISTRIBUTION PANEL 2PPA FAULT
SMPT - DCD03A	24 VDC DISTRIBUTION PANEL BUS 2E FAULT
SMPT - DCW03	DWCW/RBCCW AUTO SWAPOVER FAILURE
SMPT - DGA03	DIESEL GENERATOR TRIP
SMPT - EHH02	BYPASS VALVE FAILS CLOSED
SMPT - EHL02	PRESSURE REGULATOR FAILS HIGH
SMPT - EHL04	MAIN TURBINE ACCELERATION RELAY FAILURE
SMPT - ESD01	LOSS OF EXTRACTION STEAM TO FW HEATER
SMPT - ESD05	FEEDWATER HEATER DUMP VALVE FAILS OPEN
SMPT - ESD06	FEEDWATER HEATER DUMP VALVE FAILS CLOSED
SMPT - ESW01	ESW PUMP TRIP
SMPT - FWC06	FW TEMP TRANSMITTER TT-168 FAILURE
SMPT - HPC04	HPCI FLOW CONTROLLER FAILS LOW
SMPT - HPC08	HPCI PUMP DISCH LINE BREAK
SMPT - IPM02	THREE MILE ISLAND ACCIDENT (BWR EQUIVALENT)

The Simulator Performance Tests listed below are to be performed during calendar year: 1998

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - IRM03	IRM CHANNEL FAILS INOP
SMPT - IRM05	IRM CHANNEL FAILS TO TRIP INOP
SMPT - MAP04	13.2 KV BUS FAULT
SMPT - MAP07B	4.16 KV EMERGENCY BUS E22 (20A16) FAULT
SMPT - MAP07F	4.16 KV EMERGENCY BUS E-23 FAULT
SMPT - MAP09	13.2 KV BUS AUTO TRANSFER FAILURE
SMPT - MCS05	CONDENSATE PUMP TRIP
SMPT - MFS01	REACTOR FEEDWATER PUMP TRIP
SMPT - MFS05	REACTOR FEEDWATER PUMP MINIMUM FLOW VALVE FAILS CLOSED
SMPT - MGA01	MAIN GENERATOR TRIP
SMPT - MGA05	GENERATOR FIELD BREAKER FAILS OPEN
SMPT - MLO01	MAIN TURBINE BEARING OIL PRESSURE DECREASE
SMPT - MSS03	MSL RUPTURE OUTSIDE THE PRIMARY CONTAINMENT
SMPT - MSS07	MSIV SLOW CLOSURE TIME
SMPT - MSS09	REACTOR PRESSURE RELIEF VALVE STICKS OPEN
SMPT - MSS13	STEAM LEAKAGE OUTSIDE CONTAINMENT
SMPT - MTA07	TURBINE LP VALVE FAILS CLOSED
SMPT - OGR01	EXPLOSION IN THE OFF GAS PIPING
SMPT - PCS02	COOLANT LEAKAGE OUTSIDE THE PRIMARY CONTAINMENT
SMPT - PRM03	PRM CHANNEL FAILS INOP
SMPT - PTOVR	PMS POINT OVERRIDE
SMPT - RBV01	STEAM TUNNEL VENTILATION FAN TRIP

The Simulator Performance Tests listed below are to be performed during calendar year: 1998

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - RBW04	RBCCW HEAT EXCHANGER SERVICE WATER FLOW BLOCKAGE
SMPT - RCI03	RCIC TURBINE TRIP
SMPT - RFC01	RECIRC MG FLOW CONTROLLER FAILS UPSCALE
SMPT - RHR04	RHR PUMP DISCHARGE LINE BREAK
SMPT - RMC02	ROD DRIVE CONTROL TIMER MALFUNCTION
SMPT - RPS05	RPS AUTOMATIC SCRAM CIRCUIT FAILURE
SMPT - RRS03	RECIRC FLOW UNIT FAILS DOWNSCALE
SMPT - RRS07	RECIRC PUMP SHAFT SEIZURE
SMPT - RRS13	RECIRC PUMP #1 SEAL FAILURE
SMPT - RVI01	REACTOR LEVEL TRANSMITTER LT-72 FAILURE
SMPT - RVI05	RVP PRESSURE TRANSMITTER PT-55 FAILURE
SMPT - RVI09	REFERENCE LINE BREAK-NARROW RANGE LEVEL
SMPT - RVI13	SENSING LINE BREAK-ACTIVE CORE LEVEL
SMPT - RWC01	RWCU PUMP TRIP
SMPT - RWM01	RWM TOTAL FAILURE
SMPT - SRM02	SRM CHANNEL FAILS DOWNSCALE
SMPT - SRM06	SRM CHANNEL FAILS TO TRIP INOP
SMPT - SWC01	LOSS OF STATOR WATER COOLING FLOW
SMPT - TBW02	TBCCW HEAT EXCHANGER TUBE LEAK
SMPT - TIP02	TIP IN CORE GUIDE TUBE RUPTURE
SMPT - VAC01D	480 VAC BUS B14 FAULT
SMPT - VAC01L	480 VAC BUS 2G4 FAULT
SMPT - VAC01P	480 VAC BUS 3PS4 FAULT

The Simulator Performance Tests listed below are to be performed during calendar year: 1998

PERFORMANCE TEST	PERFORMANCE TEST TITLE
SMPT - VAC02B	480 VAC EMERGENCY BUS E224 FAULT
SMPT - VAC02F	480 VAC EMERGENCY BUS E23A4 FAULT
SMPT - VAC03AA	480 VAC MCC E424-T-B FAULT
SMPT - VAC03D1	480 VAC MCC 3PS4-V-A FAULT
SMPT - VAC03EE	480 VAC MCC 2R4-R-B FAULT
SMPT - VAC03G	480 VAC MCC B24-C-A FAULT
SMPT - VAC03H1	480 VAC MCC E13A4-EC-A FAULT
SMPT - VAC03II	480 VAC MCC 1G4-G-B FAULT
SMPT - VAC03K	480 VAC MCC E124-T- FAULT
SMPT - VAC03M	480 VAC MCC E124-P-A FAULT
SMPT - VAC03O	480 VAC MCC E224-R-B FAULT
SMPT - VAC03Q	480 VAC MCC E234-D-A FAULT
SMPT - VAC03S	480 VAC MCC E324-R-B FAULT
SMPT - VAC03U	480 VAC MCC E324-D-A FAULT
SMPT - VAC03W	480 VAC MCC E324-O-A FAULT
SMPT - VAC03Y	480 VAC MCC E424-R-D FAULT
SMPT - VAC04A	120 VAC INSTRUMENT PANEL FAULT
SMPT - VAC04E	120 VAC INSTRUMENT PANEL FAULT
SMPT - VED01	MOTOR OPERATED VALVE MAGNETIC OVER CURRENT TRIP

EXHIBIT 5

Simulator Performance Test Schedule -
Computer Performance, Steady State and
Normal Operation, and Transient
Performance Tests

PEACH BOTTOM ATOMIC POWER STATION
UNIT 2 SIMULATOR
PERFORMANCE TEST SCHEDULE
ANNUAL PERFORMANCE TESTS

The Simulator Performance Tests listed below are to be performed each calendar year.

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PERFORMANCE TEST	PERFORMANCE TEST TITLE
SCPT- RT001	SIMULATOR COMPUTER REAL TIME TEST
SMPTT- IPM02	MSIV CLOSURE WITH FAILED OPEN SRV AND NO HP ECCS
SMPTT- RRS08	RECIRC MG DRIVE MOTOR BREAKER TRIP
SSPT- HEAT BALANCE	SIMULATOR HEAT BALANCE TEST AT APPROX. 100%, 50%, AND 25% POWER
SSPT- STABILITY/MASS BAL	SIMULATOR STABILITY AND MASS BALANCE TEST
STPT- IPM03	ANTICIPATED TRANSIENT WITHOUT SCRAM
STPT- MANUAL SCRAM	SIMULATOR TRANSIENT PERFORMANCE TEST MANUAL SCRAM
STPT- MAT-1843J	RFPT TRIP FROM ~ 74.4% POWER
STPT- MAT-1843JA	RFPT TRIP FROM ~ 90.0% POWER
STPT- MAT-1843K	CONDENSATE PUMP TRIP WITH RECIRC RUNBACK FROM ~ 92% POWER
STPT- MAT-1843L	RECIRCULATION PUMP TRIP FROM ~ 96% POWER
STPT- MFS02	SIMULTANEOUS TRIP OF ALL FEED PUMPS
STPT- MSS02	MAX UNISOLABLE STEAM LINE RUPTURE
STPT- MSS06*	SIMULTANEOUS CLOSURE OF ALL MSIV's
STPT- MTA04	TURBINE TRIP WITHIN BYPASS VALVE CAPACITY
STPT- PWRRAMP	MAX RATE POWER RAMP FROM 100% TO 75% TO 100%
STPT- RRS08*	SIMUTANEOUS TRIP OF ALL RECIRC PUMPS

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PERFORMANCE TEST

PERFORMANCE TEST TITLE

STPT- RRS20

MAX RECIRC SUCTION BREAK WITH
LOP

STPT- SP-1233

TURBINE TRIP WITHIN BYPASS
VALVE CAPACITY

STPT- UPSET 2-85-07

PLANT UPSET REPORT # 2-85-07
LOSS OF FEEDWATER AND MSIV
CLOSURE