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**PECO ENERGY**

PECO Energy Company  
Limerick Generating Station  
PO Box 2300  
Sanatoga, PA 19464-0920  
C10 718 3000  
Fax 610 718 3008  
Pager 1 800 352 4732 #6915

10CFR55.45(b)(5)(ii)

January 13, 1995  
Docket Nos. 50-352  
50-353  
License Nos. NPF-39  
NPF-85

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

SUBJECT: Limerick Generating Station, Units 1 and 2  
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 Limerick Generating Station (LGS), Units 1 and 2, plant-referenced simulator for Licensed operator examinations.

This report tabulates the testing performed on the simulator since initial certification, which was submitted on January 31, 1991. All testing was completed in accordance with the test schedule provided with the initial certification submittal.

The Initial Certification submittal for the Limerick simulator included performance test failures, which highlighted the need for model improvements. These test failures were repeated during the 1991 to 1993 test cycles. During 1994 the following simulator models were replaced, with the result that the Limerick simulator satisfactorily passes all performances testing:

- Reactor Core and Thermalhydraulics
- Reactor Vessel Instrumentation
- Reactor Recirc M-G Sets
- Primary Containment
- Main Turbine-Generator
- Electrohydraulic Control
- Drywell Chill Water
- Feedwater Heaters
- Feedwater Control
- Power Range Neutron Monitoring

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The report tabulations include the test number, test title, the results (S for SAT and U for UNSAT), the date on which the test was performed and the year in which the test will next be performed.

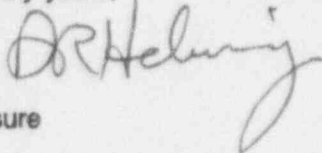
The report also tabulates planned testing on the simulator over the next four years, in accordance with the above reference.

The tests are divided into the following sections for configuration control purposes:

- |            |  |
|------------|--|
| Section 1, | Miscellaneous tests, including performance tests   |
| Section 2, | System tests, used for verifying implementation of plant mods and other simulator changes.   |
| Section 3, | Malfunction tests, used for verifying logic and also for performing negative checks. These are verified at the rate of 25% per year, such that over a four year period, all malfunctions will be tested. |
| Section 4, | Electrical Bus Load Tables, used for verifying plant electrical loads. These bus tables are used in conjunction with Section 3 Malfunction tests.  |
| Section 5, | Malfunction performance tests, used for complying with Section 3.1.2 of ANSI/ANS 3.5-1985, Nuclear Power Plant Simulators for Use in Operator Training.  |
| Section 6, | Steady state performance tests, used for complying with Appendix B1.1 of ANSI/ANS 3.5-1985, Nuclear Power Plant Simulators for Use in Operator Training.   |
| Section 7, | Transient performance tests, used for complying with Appendix B1.2 of ANSI/ANS 3.5-1985, Nuclear Power Plant Simulators for Use in Operator Training.  |
| Section 8, | Remote Function Tests  |

If you have any questions, or require additional information, please do not hesitate to contact Mr. Larry Hopkins, Director of Training, Limerick Generating Station at (610) 718-1000.

Very truly yours,



Enclosure

cc: T. T. Martin, Administrator, Region 1, USNRC  
N. S. Perry, USNRC Resident Inspector, LGS  
Document Control Desk, USNRC, Washington, DC

PECO ENERGY CORPORATION  
LIMERICK GENERATING STATION  
TRAINING SIMULATOR

QUADRENNIAL REPORT  
JANUARY 31, 1995

LGS SIMULATOR TESTING  
PERFORMED IN 1991



TEST NO	TITLE	RESULTS	TEST DATE
1.01	COMPUTER REAL TIME TEST	S	10/24/91
3.004A	APRM CHANNEL A FAILS UPSCALE	S	02/19/91
3.005A	APRM CHANNEL B FAILS UPSCALE	S	02/19/91
3.006A	APRM CHANNEL C FAILS UPSCALE	S	02/19/91
3.006C	APRM CHANNEL C RECORDER FAILS AS-IS	S	02/19/91
3.007B	APRM CHANNEL D FAILS DOWNSCALE	S	02/19/91
3.007D	APRM CHANNEL D FAILS INOPERATIVE	S	02/19/91
3.008D	APRM CHANNEL E FAILS INOPERATIVE	S	02/19/91
3.009B	APRM CHANNEL F FAILS DOWNSCALE	S	02/19/91
3.010A	RBM CHANNEL A FAILS UPSCALE	S	02/19/91
3.010C	RBM CHANNEL A RECORDER FAILS AS-IS	S	02/19/91
3.011B	RBM CHANNEL B FAILS DOWNSCALE	S	02/19/91
3.012A	LPRM 56-17B UPSCALE FAILURE	S	02/22/91
3.012D	LPRM 24-17B UPSCALE FAILURE	S	02/22/91
3.012H	LPRM 08-17D UPSCALE FAILURE	S	05/07/91
3.013C	LPRM 08-33B DOWNSCALE FAILURE	S	05/07/91
3.013E	LPRM 48-49D DOWNSCALE FAILURE	S	05/07/91
3.013H	LPRM 40-17D DOWNSCALE FAILURE	S	05/07/91
3.016A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	S	05/07/91
3.016B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	S	05/07/91
3.016C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	S	07/12/91
3.016G	CONTROL ROD XX-XX FAILS TO SCRAM	S	05/07/91
3.017F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	S	03/12/91
3.018G	CONTROL ROD XX-XX FAILS TO SCRAM	S	03/12/91
3.020A	APRM CHANNEL A FAILS 0-125%	S	10/01/91
3.020B	APRM CHANNEL B FAILS 0-125%	S	10/01/91
3.020C	APRM CHANNEL C FAILS 0-125%	S	10/01/91
3.020D	APRM CHANNEL D FAILS 0-125%	S	10/01/91

TEST NO	TITLE	RESULTS	TEST DATE
3.020E	APRM CHANNEL E FAILS 0-125%	S	10/01/91
3.020F	APRM CHANNEL F FAILS 0-125%	S	10/01/91
3.023	RPIS FAILURE 4 ROD DISPLAY	S	03/12/91
3.028A	REACTOR SCRAM (FULL)	S	05/07/91
3.044A	FW PUMP A CONTROLLER OUTPUT FAILS HIGH	S	06/18/91
3.045A	FW PUMP A CONTROLLER OUTPUT FAILS LOW	S	06/18/91
3.061A	MSIV HV41-1F022A FAILS OPEN	S	03/12/91
3.063B	MSIV HV41-1F022B FAILS CLOSED	S	05/09/91
3.063D	MSIV HV41-1F022D FAILS CLOSED	S	05/09/91
3.064D	MSIV HV41-1F028D FAILS CLOSED	S	05/09/91
3.066	STM LINE RUPTURE INSIDE DRYWELL	S	05/07/91
3.069	STM SEAL EVAP STM OUTLET FAILS CLOSED	S	05/06/91
3.072D	SJAE STM SUPPLY PCV07-101B FAILS OPEN	S	05/09/91
3.079A	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	05/06/91
3.079B	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	05/07/91
3.080A	CONDENSATE RECIRC VALVE FAILS OPEN	S	07/25/91
3.086B	CIRCULATING WATER PUMP B TRIP	S	04/12/91
3.099A	STATOR COOLING WATER PUMP A TRIP	S	05/06/91
3.099C	BOTH STATOR COOLING WATER PUMPS TRIP	S	02/06/91
3.102	MAIN TURBINE LOW BRG OIL PRESSURE	S	07/12/91
3.103	TURBINE BEARING HIGH TEMPERATURE	S	10/03/91
3.105A	ENC PRESSURE REGULATOR A FAILS HIGH	S	05/07/91
3.105B	ENC PRESSURE REGULATOR A FAILS LOW	S	05/07/91
3.108A	ALL TURBINE BYPASS VALVES FAIL OPEN	S	05/09/91
3.108B	ALL TURBINE BYPASS VALVES FAIL CLOSED	S	05/09/91
3.115D	DRAWER INOP WIDE RANGE ACCIDENT MONITOR	S	12/03/91
3.136	STEAM LEAK OUTSIDE PRI CONT (1-100%)	S	06/18/91
3.137D	ADS/SRV 1F013A FAILS - CLOSED	S	05/07/91

TEST NO	TITLE	RESULTS	TEST DATE
3.138A	ADS/SRV 1F013B FAILS - LEAKS	S	07/12/91
3.138D	ADS/SRV 1F013B FAILS - CLOSED	S	05/07/91
3.139B	ADS/SRV 1F013C FAILS - STUCK	S	03/14/91
3.141A	ADS/SRV 1F013E FAILS - LEAKS	S	07/12/91
3.142B	ADS/SRV 1F013F FAILS - STUCK	S	03/15/91
3.143C	ADS/SRV 1F013G FAILS - OPEN ELECT	S	03/15/91
3.145B	ADS/SRV 1F013J FAILS - STUCK	S	03/15/91
3.145D	ADS/SRV 1F013J FAILS - CLOSED	S	05/07/91
3.147A	ADS/SRV 1F013L FAILS - LEAKS	S	07/12/91
3.149A	ADS/SRV 1F013N FAILS - LEAKS	S	07/12/91
3.156A	NSSSS GROUP 1A INADVERTENT ISOLATION	S	03/12/91
3.156C	NSSSS GROUP 1C INADVERTENT ISOLATION	S	03/12/91
3.157C	NSSSS GROUP 2C INADVERTENT ISOLATION	S	05/09/91
3.159A	NSSSS GROUP 6A INADVERTENT ISOLATION	S	03/12/91
3.160B	NSSSS GROUP 7B INADVERTENT ISOLATION	S	03/12/91
3.160C	NSSSS GROUP 7C INADVERTENT ISOLATION	S	03/12/91
3.162C	SEC CON & PCIG C INADVERTENT ISOL	S	03/15/91
3.164	LOSS OF STEAM TO RECOMBINER PREHEATER	S	05/07/91
3.167	OFFGAS HEPA FILTER BLOCKAGE (1-100%)	S	04/19/91
3.168C	OFFGAS CHILLER GLYCOL PUMP TRIP (BOTH)	S	05/07/91
3.171B	RHR PUMP B TRIP	S	03/12/91
3.172C	RHR PUMP 1C FAILS TO AUTO START	S	03/12/91
3.174B	RHR INJECTION VALVE 1F017B FAILS AS IS	S	04/09/91
3.175B	RHR PUMP SUCTION VALVE F004B FAILS AS IS	S	03/12/91
3.176A	RHR LOOP SDC VALVE 1F006A FAILS AS IS	S	03/12/91
3.176E	RHR SDC INJECT VALVE 1F015A FAILS AS IS	S	04/09/91
3.177C	RHR HX B BYPASS CONTROLLER FAILS HIGH	S	07/15/91
3.182C	CORE SPRAY PUMP C TRIPS	S	04/08/91

TEST NO	TITLE	RESULTS	TEST DATE
3.183A	CORE SPRAY PUMP A FAILS TO AUTO START	S	03/15/91
3.184B	CORE SPRAY INBD VALVE 1F037 FAILS AS IS	S	04/09/91
3.191	RWCU DEMIN RESIN DEPLETION	S	05/07/91
3.194	RWCU SUCTION LINE COOL LEAKAGE (1-100%)	S	05/07/91
3.195A	RWCU ISOL VALVE HV44-1F001 FAILS AS IS	S	04/11/91
3.195B	RWCU ISOL VALVE HV44-1F004 FAILS AS IS	S	04/11/91
3.195C	RWCU ISOL VALVE HV44-1F040 FAILS AS IS	S	04/14/91
3.197	SLC SQUIB VALVES FAIL TO FIRE	S	05/06/91
3.201A	SRM CHANNEL A FAILS UPSCALE	S	02/22/91
3.201B	SRM CHANNEL A FAILS DOWNSCALE	S	02/22/91
3.202B	SRM CHANNEL B FAILS DOWNSCALE	S	02/22/91
3.203A	SRM CHANNEL C FAILS UPSCALE	S	02/22/91
3.203D	SRM CHANNEL C FAILS INOPERATIVE	S	02/22/91
3.204A	SRM CHANNEL D FAILS UPSCALE	S	02/22/91
3.204B	SRM CHANNEL D FAILS DOWNSCALE	S	02/22/91
3.205A	IRM CHANNEL A FAILS UPSCALE	S	02/19/91
3.205C	IRM CHANNEL A RECORDER FAILS AS-IS	S	02/19/91
3.206C	IRM CHANNEL B RECORDER FAILS AS-IS	S	02/19/91
3.207A	IRM CHANNEL C FAILS UPSCALE	S	02/19/91
3.207B	IRM CHANNEL C FAILS DOWNSCALE	S	02/19/91
3.208A	IRM CHANNEL D FAILS UPSCALE	S	02/19/91
3.208D	IRM CHANNEL D FAILS INOPERATIVE	S	02/22/91
3.208E	IRM CHANNEL D DETECTOR STUCK	S	07/01/91
3.209B	IRM CHANNEL E FAILS DOWNSCALE	S	02/19/91
3.209E	IRM CHANNEL E DETECTOR STUCK	S	07/01/91
3.210E	IRM CHANNEL F DETECTOR STUCK	S	07/01/91
3.211C	IRM CHANNEL G RECORDER FAILS AS-IS	S	02/19/91
3.212B	IRM CHANNEL H FAILS DOWNSCALE	S	02/19/91

TEST NO	TITLE	RESULTS	TEST DATE
3.212D	IRM CHANNEL H FAILS INOPERATIVE	S	02/22/91
3.226	RX INSTRUMENT LINE BREAK AFTER 42-F041	S	04/08/91
3.231B	RX INSTRUMENT LINE BREAK AFTER 42-F045B	S	04/08/91
3.232F	RX LEVEL XMITTER LT42-N080C FAILS LOW	S	04/09/91
3.233B	RX LEVEL XMITTER DPT42-N004A FAILS LOW	S	04/08/91
3.233E	RX LEVEL XMITTER DPT42-N004C FAILS HIGH	S	04/08/91
3.234E	RX PRESS XMITTER PT42-N078C FAILS HIGH	S	04/09/91
3.234G	RX PRESS XMITTER PT42-N078D FAILS HIGH	S	07/30/91
3.241A	FEEDWATER HEATER 12A TUBE LEAK	S	07/16/91
3.242C	FEEDWATER HEATER 15C TUBE LEAK	S	07/17/91
3.244B	FEEDWATER PUMP A MECHANICAL FAILURE	S	04/15/91
3.247A	FW LOW FLOW CONTROL VALVE FAILS OPEN	S	04/09/91
3.248B	RX FEEDPUMP A RECIRC VALVE FAILS CLOSED	S	07/12/91
3.250A	RX FEEDPUMP C RECIRC VALVE FAILS OPEN	S	07/12/91
3.252B	FW LINE B RUPTURE INSIDE DRYWELL	S	07/15/91
3.256	CAC N2 PURGE FLOW CONTROLLER FAILS HIGH	S	07/15/91
3.257	SUPPRESSION POOL LEAK (0-100,000 GPM)	S	02/07/91
3.262A	13.2KV 11 UNIT AUX BUS FAULT	S	04/19/91
3.263C	4KV SAFEGUARD BUS D13 FAULT	S	04/19/91
3.264B	MAIN GEN OUTPUT BKR 252-10213 TRIPS	S	05/07/91
3.266A	13.2KV SAFEGUARD XFMR BKR 101 TRIPS	S	04/19/91
3.267B	PLANT SERVICES LOAD CENTER 222 FAULT	S	07/01/91
3.272A	114C TURB AREA 440V LOAD CENTER FAULT	S	05/10/91
3.273A	114D PLANT SERVICES LOAD CENTER FAULT	S	05/10/91
3.274B	224D PLANT SERVICES LOAD CENTER FAULT	S	05/09/91
3.275C	D134 SAFEGUARD 440V LOAD CENTER FAULT	S	07/10/91
3.277D	120 VAC PANEL 10Y104 FAULT	S	05/09/91
3.278D	120 VAC PANEL 10Y110 FAULT	S	06/19/91



TEST NO	TITLE	RESULTS	TEST DATE
3.280B	120 VAC RPS & UPS BUS 1BY160 FAULT	S	07/11/91
3.284A	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284B	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284C	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284D	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284E	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284F	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284G	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.284H	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	10/07/91
3.299A	CONTROL STRUCTURE CHILLER OAK112 TRIP	S	05/07/91
3.301A	RX ENCLOSURE ISOLATION CHANNEL A	S	05/07/91
3.302B	REFUEL FLOOR ISOLATION CHANNEL B	S	05/06/91
3.304B	SGTS FROM REFUEL FLR HV76-020 FAILS OPEN	S	04/19/91
3.306	REFUEL FLOOR FAILS TO ISOLATE	S	04/19/91
3.406A	RRCS DIVISION I LOSS OF DC POWER	S	05/07/91
3.406B	RRCS DIVISION II LOSS OF DC POWER	S	05/06/91
3.406C	RRCS LOSS OF DC POWER TO BOTH DIVISIONS	S	04/19/91
3.409A	CONTAINMENT INST GAS COMPRESSOR A LEAKS	S	05/07/91
3.409B	CONTAINMENT INST GAS COMPRESSOR B LEAKS	S	05/07/91
3.410A	CIG ISOL TO DW HV59-129A FAILS CLOSED	S	05/06/91
3.410B	CIG ISOL TO DW HV59-129B FAILS CLOSED	S	05/06/91
3.410C	CIG ISOL VLVS 129A/B BOTH FAIL CLOSED	S	05/06/91
3.411A	CRD FLOW CNTRL VALVE A FAILS CLOSED	S	08/23/91
3.411B	CRD FLOW CNTRL VALVE B FAILS CLOSED	S	08/23/91
3.411C	BOTH CRD FLOW CONTROL VALVES FAIL CLOSED	S	08/23/91
3.414A	DISCH VOLUME SV47-1F180 FAILS CLOSED	S	12/16/91
3.414B	DISCH VOLUME SV47-1F010 FAILS CLOSED	S	12/16/91
3.418A	DIESEL GENERATOR 11 TRIP	S	07/30/91

TEST NO	TITLE	RESULTS	TEST DATE
3.419A	DIESEL GENERATOR 11 FAILS TO START	S	07/30/91
3.430A	RECIRC PUMP A SEIZURE	S	05/07/91
3.431B	RECIRC PUMP A M/A STATION FAILS LOW	S	05/07/91
3.432A	RECIRC PUMP A INCOMPLETE START SEQ	S	05/06/91
3.433B	RECIRC PUMP B SEAL #1 FAILURE	S	08/01/91
3.436B	RECIRC PUMP B GEN FIELD BREAKER TRIP	S	07/18/91
3.438	JET PUMPS NO. 5 AND 6 FAILURE	S	04/19/91
3.440	RECIRC LOOP A RUPTURE	S	07/30/91
3.441	COOLANT LEAKAGE IN DRYWELL (1-300 GPM)	S	07/31/91
3.445	HPCI STEAM LINE BREAK IN PUMP RM 1-100%	S	10/02/91
3.446A	HPCI STM ISOL VALVE HV55-1F002 FAILS	S	04/12/91
3.446B	HPCI STM ISOL VALVE HV55-1F003 FAILS	S	04/12/91
3.446C	HPCI STM ISOL VALVE HV55-1F100 FAILS	S	04/12/91
3.448A	HPCI SPEED CONT FAILS HIGH	S	08/01/91
3.452	HPCI PUMP DISCH VALVE 1F006 FAILS AS IS	S	07/15/91
3.455	HPCI COOLING WATER VLV 1F059 FAILS AS IS	S	07/15/91
3.463	FAILURE OF THE PLANT PROCESS COMPUTERS	S	09/30/91
3.464A	RCIC ISOL VLV HV49-1F007 FAILS AS-IS	S	04/11/91
3.464B	RCIC ISOL VLV HV49-1F008 FAILS AS-IS	S	04/11/91
3.464C	RCIC ISOL VLV HV49-1F076 FAILS AS-IS	S	04/11/91
3.465	RCIC STEAM LINE BREAK IN PUMP RM 1-100%	S	10/02/91
3.466	TRIP OF RCIC OVSPEED MECHANISM	S	09/22/91
3.471A	DRYWELL AREA UNIT COOLER FAN 1A1 TRIP	S	06/17/91
3.471B	DRYWELL AREA UNIT COOLER FAN 1B1 TRIP	S	06/18/91
3.471C	DRYWELL AREA UNIT COOLER FAN 1C1 TRIP	S	06/18/91
3.471D	DRYWELL AREA UNIT COOLER FAN 1D1 TRIP	S	06/18/91
3.471E	DRYWELL AREA UNIT COOLER FAN 1E1 TRIP	S	06/18/91
3.471F	DRYWELL AREA UNIT COOLER FAN 1F1 TRIP	S	06/18/91

TEST NO	TITLE	RESULTS	TEST DATE
3.471G	DRYWELL AREA UNIT COOLER FAN 1G1 TRIP	S	06/18/91
3.471H	DRYWELL AREA UNIT COOLER FAN 1H1 TRIP	S	06/18/91
3.472A	DRYWELL AREA UNIT COOLER FAN 1A2 TRIP	S	06/18/91
3.472B	DRYWELL AREA UNIT COOLER FAN 1B2 TRIP	S	06/18/91
3.472C	DRYWELL AREA UNIT COOLER FAN 1C2 TRIP	S	06/18/91
3.472D	DRYWELL AREA UNIT COOLER FAN 1D2 TRIP	S	06/17/91
3.472E	DRYWELL AREA UNIT COOLER FAN 1E2 TRIP	S	06/18/91
3.472F	DRYWELL AREA UNIT COOLER FAN 1F2 TRIP	S	06/18/91
3.472G	DRYWELL AREA UNIT COOLER FAN 1G2 TRIP	S	06/18/91
3.472H	DRYWELL AREA UNIT COOLER FAN 1H2 TRIP	S	06/18/91
3.482B	DW CHILLER 1BK111 TRIP	S	04/19/91
3.483A	RECW PUMP TRIP (A)	S	07/12/91
3.487	LOSS OF SW TO MAIN TURB LUBE OIL COOLERS	S	10/07/91
3.489B	ESW PUMP B TRIPS	S	04/08/91
3.490A	ESW VLV HV11-121 FAIL TO AUTO SWAP	S	04/08/91
3.490E	ESW VLV HV11-055A FAILS TO AUTO SWAP	S	03/15/91
3.492A	RHR SERVICE WATER PUMP A TRIPS	S	05/07/91
3.493A	FAILURE OF RHRSW HX A INLET VALVE	S	05/07/91
3.551	ADS FAILS TO INITIATE	S	07/30/91
5.01	LOSS OF COOLANT OUTSIDE PRIMARY CONTAIN	S	10/24/91
5.02	LOSS OF COOLANT, LARGE BREAK	S	10/24/91
5.03	LOSS OF COOLANT, SMALL BREAK	S	10/24/91
5.12A	RECIRC PUMP SEIZURE	U	06/17/91
5.12B	CALIBRATED JET PUMP FAILURE	U	06/18/91
5.12C	RECIRC PUMP FIELD BREAKER TRIP	S	10/24/91
5.31A	APRM UPSCALE FAILURE	S	07/15/91
5.31B	APRM DOWNSCALE FAILURE	S	07/15/91
5.31C	APRM INOPERATIVE FAILURE	S	07/15/91

TEST NO	TITLE	RESULTS	TEST DATE
5.31D	RBM UPSCALE FAILURE	S	07/15/91
5.31E	RBM DOWNSCALE FAILURE	S	07/15/91
5.31F	IRM UPSCALE FAILURE	S	07/16/91
5.31G	IRM INOPERATIVE FAILURE	S	07/16/91
5.31H	SRM UPSCALE FAILURE	S	07/16/91
5.31I	SRM DOWNSCALE FAILURE	S	07/16/91
5.31J	SRM INOPERATIVE FAILURE	S	07/16/91
5.35A	EHC PRESSURE REGULATOR FAILS HIGH	S	10/23/91
5.35B	EHC PRESSURE REGULATOR FAILS LOW	S	06/16/91
5.35C	ALL TURBINE BYPASS VALVES FAIL OPEN	S	10/23/91
5.35D	ALL TURBINE BYPASS VALVES FAIL CLOSED	S	10/23/91
5.36A	CLOSURE OF ONE MSIV	U	06/17/91
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	S	10/22/91
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	S	10/21/91
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	S	10/11/91
7.01	MANUAL SCRAM	S	06/16/91
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	S	08/20/91
7.03A	CLOSURE OF ALL MSIV'S @ 100% POWER	S	08/20/91
7.03B	CLOSURE OF ALL MSIV'S @ STARTUP TEST	S	10/08/91
7.04A	DUAL RECIRC PUMP TRIP AT 100% POWER	S	06/17/91
7.04B	DUAL RECIRC PUMP TRIP @ STARTUP TEST	S	08/21/91
7.05	SINGLE RECIRC PUMP TRIP	S	06/16/91
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	S	06/18/91
7.07	MAXIMUM RATE POWER RAMP	U	08/21/91
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	S	08/20/91
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	S	08/21/91
7.10	BWR TMI EQUIVALENT SCENARIO	S	08/20/91
8.001	MAIN GENERATOR LOCKOUT RELAY RESET	S	12/02/91

TEST NO	TITLE	RESULTS	TEST DATE
8.006	CONDENSER LOW VACUUM BYPASS SWITCH	S	12/02/91
8.015	RWCU ORIFICE BYPASS HV44-1F031 FEEDER BK	S	10/02/91
8.021	CORE SPRAY PUMP ROOM A FLOODING ALARM	S	07/29/91
8.022	CORE SPRAY PUMP ROOM B FLOODING ALARM	S	07/29/91
8.023	CORE SPRAY PUMP ROOM C FLOODING ALARM	S	07/29/91
8.024	CORE SPRAY PUMP ROOM D FLOODING ALARM	S	07/29/91
8.026	EHC PRESSURE CONTROLLER TRANSFER	S	07/23/91
8.027	EHC PRESSURE CONTROLLER RANGE	S	07/23/91
8.034	RECW HEAD TANK DRAIN VALVE 1027	S	08/26/91
8.047	CIRC WATER / SERVICE WATER TEMPERATURE	S	02/05/91
8.051	GRP 1 VLV 1 ISOL BYP JUMPER INSTALLED	S	08/27/91
8.052	HV-48-1F016 PP TEST THROTTLE VALVE	S	10/23/91
8.061	APRM A GAIN ADJUSTMENT FACTOR	S	10/06/91
8.062	APRM B GAIN ADJUSTMENT FACTOR	S	10/06/91
8.063	APRM C GAIN ADJUSTMENT FACTOR	S	10/06/91
8.064	APRM D GAIN ADJUSTMENT FACTOR	S	10/06/91
8.065	APRM E GAIN ADJUSTMENT FACTOR	S	10/06/91
8.066	APRM F GAIN ADJUSTMENT FACTOR	S	10/06/91
8.067	HPCI / RCIC DELUGE VALVE RESET	S	09/22/91
8.075	A LVL OUT OF SERVICE SWITCH (C32-S6)	S	12/02/91
8.076	B LVL OUT OF SERVICE SWITCH (C32-S7)	S	12/02/91
8.077	NATURAL VENT TO HPCI/RCIC PUMP ROOMS	S	09/30/91
8.078	CST TO SUPP POOL FILL VALVES 52-1009A	S	12/02/91
8.103	RHR SDC VLV HV51-1FOOB FEED BREAKER	S	04/17/91
8.104	1A INSTR AIR COMP 1AK101 SHUNT TRP RESET	S	12/20/91
8.105	1B INSTR AIR COMP 1BK101 SHUNT TRP RESET	S	12/20/91
8.106	CNDS STG TNK SUPP TO EMERG CORE CLNG VLV	S	12/20/91
8.107	CNDS STG TNK SUPP TO EMERG CORE CLNG VLV	S	12/20/91



TEST NO	TITLE	RESULTS	TEST DATE
8.108	1A INSTR GAS COMP 1AK203 SHUNT TRP RESET	S	12/20/91
8.109	1B RX RECIRC PP SUCT VLV SHUNT TRP RESET	S	12/20/91
8.110	1B INSTR GAS COMP 1BK203 SHUNT TRP RESET	S	12/20/91
8.111	1A RWCY SYS RCRC PP 1AP221 SHNT TRP RST	S	12/20/91
8.112	CONTROL ROOM OVERHEAD LIGHTS	S	10/03/91
8.121	RWST TO CST XFER V0001,3,4	S	04/09/91
8.122	CFD BYPASS AUTO OPEN RESET	S	07/16/91
8.123	CFD HIGH DP OVERRIDE RESET	S	07/16/91
8.124	CFD LOSS OF AIR / POWER LOCKUP RESET	S	07/16/91
8.127	RX WTR SYS INJ FROM FIRE SYS THRU RWCY	S	09/30/91
8.149	MAIN TURBINE DRAINS AUTO-OPEN	S	10/01/91
8.176	RFP A MIN FLOW RECIRC VALVE MANUAL ISOL	S	08/22/91
8.177	RFP B MIN FLOW RECIRC VALVE MANUAL ISOL	S	08/22/91
8.178	RFP C MIN FLOW RECIRC VALVE MANUAL ISOL	S	08/22/91
8.179	CONDENSATE RECIRC VALVE MANUAL ISOLATION	S	08/22/91
8.180	HS76-196 TEST SWITCH	S	09/22/91
8.181	T-222 RPS/ARI RESET, TRIP SIGNAL PRESENT	S	10/03/91
8.182	T-233 F040/F049 ISOLATION BYPASS	S	09/30/91
8.183	T-248 SLC PUMP A SUCTION WHICH TANK?	S	10/09/91
8.184	T-248 SLC PUMP B SUCTION WHICH TANK?	S	10/09/91
8.185	T-248 SLC PUMP C SUCTION WHICH TANK?	S	10/09/91

LGS SIMULATOR TESTING  
PERFORMED IN 1992

TEST NO	TITLE	RESULTS	TEST DATE
1.01	COMPUTER REAL TIME TEST	S	12/11/92
1.02	NON-CALIBRATED JET PUMP FAILURE	S	11/17/92
1.03	SLOW LEAK OF INSTRUMENT AIR	S	06/23/92
1.05A	STEAM LEAK INSIDE DRWELL, 50 GPM	S	10/14/92
1.05B	STEAM LEAK INSIDE DRYWELL, 5000 GPM	S	10/15/92
1.07A	TRIP OF ONE CIRCULATING WATER PUMP	S	11/03/92
1.07B	TRIP OF TWO CIRCULATING WATER PUMPS	S	11/03/92
1.08A	EHC PRESSURE REG A OSC WITH A IN CONTROL	U	12/10/92
1.08B	EHC PRESSURE REG A OSC WITH B IN CONTROL	U	12/10/92
3.003	CORE POWER OSCILLATIONS	S	12/07/92
3.004A	APRM CHANNEL A RECORDER FAILS AS-IS	S	09/09/92
3.004B	APRM CHANNEL A FAILS INOPERATIVE	S	09/09/92
3.005A	APRM CHANNEL B RECORDER FAILS AS-IS	S	09/09/92
3.005B	APRM CHANNEL B FAILS INOPERATIVE	S	09/09/92
3.006A	APRM CHANNEL C RECORDER FAILS AS-IS	S	09/09/92
3.006B	APRM CHANNEL C FAILS INOPERATIVE	S	09/09/92
3.007A	APRM CHANNEL D RECORDER FAILS AS-IS	S	09/09/92
3.007B	APRM CHANNEL D FAILS INOPERATIVE	S	09/09/92
3.008A	APRM CHANNEL E RECORDER FAILS AS-IS	S	09/09/92
3.008B	APRM CHANNEL E FAILS INOPERATIVE	S	09/09/92
3.009A	APRM CHANNEL F RECORDER FAILS AS-IS	S	09/09/92
3.009B	APRM CHANNEL F FAILS INOPERATIVE	S	09/09/92
3.012E	LPRM 40-33B UPSCALE FAILURE	S	09/15/92
3.013G	LPRM 32-09A DOWNSCALE FAILURE	S	11/30/92
3.015D	LPRM 40-41B DRIFT (-25 TO +25)	S	09/14/92
3.016D	CONTROL ROD XX-YY FAILURE (STUCK)	S	05/12/92
3.016E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	S	05/14/92
3.016F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	S	05/11/92

TEST NO	TITLE	RESULTS	TEST DATE
3.017B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	S	05/01/92
3.017D	CONTROL ROD XX-YY FAILURE (STUCK)	S	05/12/92
3.017E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	S	05/14/92
3.018A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	S	05/01/92
3.018D	CONTROL ROD XX-YY FAILURE (STUCK)	S	05/14/92
3.019B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	S	05/01/92
3.019D	CONTROL ROD XX-YY FAILURE (STUCK)	S	05/14/92
3.019F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	S	05/11/92
3.020A	APRM CHANNEL A FAILS 0-125%	S	06/10/92
3.020E	APRM CHANNEL E FAILS 0-125%	S	06/10/92
3.022	RX MANUAL CONTROL FAILURE TO INSERT	S	08/26/92
3.024	RDCS FAILURE (ANALYZER CARD)	S	08/28/92
3.028B	REACTOR SCRAM (BANK 1)	S	05/11/92
3.028E	REACTOR SCRAM (BANK 4)	S	05/11/92
3.029A	RPS FAILS TO SCRAM (AUTO ONLY)	S	05/01/92
3.029C	RPS FAILS TO SCRAM (CHAN A)	S	04/30/92
3.044B	FW PUMP B CONTROLLER OUTPUT FAILS HIGH	S	05/01/92
3.045B	FW PUMP B CONTROLLER OUTPUT FAILS LOW	S	05/01/92
3.061B	MSIV HV41-1F022B FAILS OPEN	S	04/30/92
3.062B	MSIV HV41-1F028B FAILS OPEN	S	04/30/92
3.062D	MSIV HV41-1F028D FAILS OPEN	S	04/30/92
3.063C	MSIV HV41-1F022C FAILS CLOSED	S	05/01/92
3.064B	MSIV HV41-1F028B FAILS CLOSED	S	05/12/92
3.064C	MSIV HV41-1F028C FAILS CLOSED	S	05/01/92
3.065	STM LEAK OUTSIDE PRIMARY CONTAINMENT	S	12/08/92
3.067	STEAM LEAK IN DRYWELL (1-5000 GPM)	S	10/14/92
3.072A	SJAE STM SUPPLY PCV07-101A FAILS CLOSED	S	05/12/92
3.073	FW CONDUCTIVITY INCREASE (1-100%)	S	05/12/92

TEST NO	TITLE	RESULTS	TEST DATE
3.077A	HOTWELL LEVEL CONTROLLER FAILS HIGH	S	05/11/92
3.078A	CONDENSATE PUMP A TRIP	S	03/10/92
3.078B	CONDENSATE PUMP B TRIP	S	03/10/92
3.078C	CONDENSATE PUMP C TRIP	S	03/10/92
3.079C	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	08/13/92
3.079F	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	08/13/92
3.079H	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	08/13/92
3.085	CIRCULATING WATER EXPANSION JOINT LEAK	S	06/08/92
3.086C	CIRCULATING WATER PUMP C TRIP	S	02/19/92
3.094	MAIN GENERATOR TRIP	S	06/08/92
3.098	MAIN TRANSFORMER LOSS OF COOLING	S	12/10/92
3.100	MAIN TURBINE BRG #5 & #6 HIGH VIBRATION	S	09/17/92
3.102	MAIN TURBINE LOW BRG OIL PRESSURE	S	09/17/92
3.104B	TURBINE CONTROL SYSTEM FAILS LOW	S	11/30/92
3.105C	EHC PRESSURE REGULATOR A OSCILLATES	S	12/10/92
3.107	FIRST BYPASS VALVE STICKS OPEN	S	05/12/92
3.109	TURBINE ACCELERATION CONTROL FAILURE	S	12/07/92
3.111B	EHC LOAD SELECTOR FAILS TO REMOTE	S	02/21/92
3.115A	DRAWER INOP MCR FRESH AIR CHAN A & C	S	08/11/92
3.115AD	DRAWER INOP RX ENCLOSURE VENT EXH CHAN D	S	08/11/92
3.115AH	DRAWER INOP REFUEL FLOOR VENT EXH CHAN D	S	08/26/92
3.115AM	DRAWER INOP POST LOCA MONITOR CHAN D	S	08/11/92
3.115E	DRAWER INOP NORTH STACK RAD MONITOR	S	08/11/92
3.115J	DRAWER INOP RECOMBINER & H2 ANALYZER RMS	S	08/11/92
3.115K	DRWR INOP STM PACK EXH & VAC PMP RAD MON	S	07/29/92
3.115N	DRAWER INOP RX ENCLOSURE COOLING WATER	S	08/11/92
3.115RD	DRAWER INOP RHRSW HX 1B OUTLET	S	08/26/92
3.115S	DRAWER INOP AIR EJECTOR/OFFGAS LINEAR	S	08/11/92



TEST NO	TITLE	RESULTS	TEST DATE
3.115X	DRAWER INOP MAIN STEAM LINE CHAN D	S	08/11/92
3.116	FUEL CLADDING FAILURE	S	09/18/92
3.137A	ADS/SRV 1FO13A FAILS - LEAKS	S	05/11/92
3.137E	ADS/SRV 1FO13A FAILS - OPEN MECH	S	05/01/92
3.138C	ADS/SRV 1FO13B FAILS - OPEN ELECT	S	05/11/92
3.139A	ADS/SRV 1FO13C FAILS - LEAKS	S	05/11/92
3.139E	ADS/SRV 1FO13C FAILS - OPEN MECH	S	05/01/92
3.140C	ADS/SRV 1FO13D FAILS - OPEN ELECT	S	05/01/92
3.140E	ADS/SRV 1FO13D FAILS - OPEN MECH	S	05/01/92
3.141B	ADS/SRV 1FO13E FAILS - STUCK	S	05/11/92
3.142C	ADS/SRV 1FO13F FAILS - OPEN ELECT	S	05/11/92
3.143A	ADS/SRV 1FO13G FAILS - LEAKS	S	05/11/92
3.144A	ADS/SRV 1FO13H FAILS - LEAKS	S	05/11/92
3.144D	ADS/SRV 1FO13H FAILS - CLOSED	S	05/11/92
3.145C	ADS/SRV 1FO13J FAILS - OPEN ELECT	S	05/01/92
3.146A	ADS/SRV 1FO13K FAILS - LEAKS	S	05/11/92
3.146D	ADS/SRV 1FO13K FAILS - CLOSED	S	05/11/92
3.147C	ADS/SRV 1FO13L FAILS - OPEN ELECT	S	05/11/92
3.148C	ADS/SRV 1FO13M FAILS - OPEN ELECT	S	05/01/92
3.148D	ADS/SRV 1FO13M FAILS - CLOSED	S	05/11/92
3.149C	ADS/SRV 1FO13N FAILS - OPEN ELECT	S	05/11/92
3.150A	ADS/SRV 1FO13S FAILS - LEAKS	S	05/11/92
3.150D	ADS/SRV 1FO13S FAILS - CLOSED	S	05/01/92
3.156B	NSSSS GROUP 1B INADVERTENT ISOLATION	S	01/07/92
3.156G	NSSSS GROUP 1G INADVERTENT ISOLATION	S	01/07/92
3.157A	NSSSS GROUP 2A INADVERTENT ISOLATION	S	02/05/92
3.157D	NSSSS GROUP 2D INADVERTENT ISOLATION	S	02/05/92
3.158A	NSSSS GROUP 3A INADVERTENT ISOLATION	S	01/07/92

TEST NO	TITLE	RESULTS	TEST DATE
3.159C	NSSSS GROUP 6C INADVERTENT ISOLATION	S	01/07/92
3.160A	NSSSS GROUP 7A INADVERTENT ISOLATION	S	01/07/92
3.162A	SEC CON & PCIG A INADVERTENT ISOL	S	02/05/92
3.162D	SEC CON & PCIG D INADVERTENT ISOL	S	01/07/92
3.162F	SEC CON & PCIG F INADVERTENT ISOL	S	01/08/92
3.166B	OFFGAS AFTERCOND LEVEL XMTR FAILS LOW	S	02/05/92
3.168A	OFFGAS CHILLER GLYCOL PUMP A TRIP	S	02/05/92
3.171A	RHR PUMP A TRIP	S	03/10/92
3.171B	RHR PUMP B TRIP	S	03/10/92
3.171C	RHR PUMP C TRIP	S	03/10/92
3.171D	RHR PUMP D TRIP	S	03/10/92
3.172B	RHR PUMP 1B FAILS TO AUTO START	S	01/08/92
3.173	RHR SHUTDOWN COOLING SUCTION LINE LEAK	S	04/28/92
3.174C	RHR INJECTION VALVE 1F0170C FAILS AS IS	S	01/08/92
3.175A	RHR PUMP SUCTION VALVE F004A FAILS AS IS	S	02/07/92
3.176B	RHR LOOP SDC VALVE 1F006B FAILS AS IS	S	02/07/92
3.176F	RHR SDC INJECT VALVE 1F015B FAILS AS IS	S	02/21/92
3.177D	RHR HX B BYPASS CONTROLLER FAILS LOW	S	12/07/92
3.182A	CORE SPRAY PUMP A TRIPS	S	09/10/92
3.182B	CORE SPRAY PUMP B TRIPS	S	09/10/92
3.182C	CORE SPRAY PUMP C TRIPS	S	09/10/92
3.182D	CORE SPRAY PUMP D TRIPS	S	09/10/92
3.183C	CORE SPRAY PUMP C FAILS TO AUTO START	S	01/08/92
3.184A	CORE SPRAY INBD VALVE 1F005 FAILS AS IS	S	02/21/92
3.189A	REACTOR WATER CLEANUP PUMP A TRIPS	S	02/05/92
3.190A	RWCU DRAIN FLOW CONTROLLER FAILS OPEN	S	09/14/92
3.192	REACTOR VESSEL CONDUCTIVITY INCREASES	S	09/14/92
3.193	RWCU NONREGEN HX LEAK TO RECW (1-100%)	S	09/14/92

TEST NO	TITLE	RESULTS	TEST DATE
3.198A	SLC PUMP A LOSS OF CONTROL POWER	S	02/07/92
3.201A	SRM CHANNEL A RECORDER FAILS AS-IS	S	09/11/92
3.201B	SRM CHANNEL A FAILS INOPERATIVE	S	09/11/92
3.201C	SRM CHANNEL A DETECTOR STUCK	S	09/11/92
3.202A	SRM CHANNEL B RECORDER FAILS AS-IS	S	09/11/92
3.202B	SRM CHANNEL B FAILS INOPERATIVE	S	09/14/92
3.202C	SRM CHANNEL B DETECTOR STUCK	S	09/11/92
3.203A	SRM CHANNEL C RECORDER FAILS AS-IS	S	09/11/92
3.203B	SRM CHANNEL C FAILS INOPERATIVE	S	09/14/92
3.203C	SRM CHANNEL C FAILS DETECTOR STUCK	S	09/11/92
3.204A	SRM CHANNEL D RECORDER FAILS AS-IS	S	09/11/92
3.204B	SRM CHANNEL D FAILS INOPERATIVE	S	09/14/92
3.204C	SRM CHANNEL D DETECTOR STUCK	S	09/11/92
3.205A	IRM CHANNEL A RECORDER FAILS AS-IS	S	09/09/92
3.205B	IRM CHANNEL A FAILS INOPERATIVE	S	09/11/92
3.205C	IRM CHANNEL A DETECTOR STUCK	S	09/09/92
3.206A	IRM CHANNEL B RECORDER FAILS AS-IS	S	09/09/92
3.206B	IRM CHANNEL B FAILS INOPERATIVE	S	09/11/92
3.206C	IRM CHANNEL B DETECTOR STUCK	S	09/09/92
3.207A	IRM CHANNEL C RECORDER FAILS AS-IS	S	09/09/92
3.207B	IRM CHANNEL C FAILS INOPERATIVE	S	09/14/92
3.207C	IRM CHANNEL C DETECTOR STUCK	S	09/09/92
3.208A	IRM CHANNEL D RECORDER FAILS AS-IS	S	09/09/92
3.208B	IRM CHANNEL D FAILS INOPERATIVE	S	09/14/92
3.208C	IRM CHANNEL D DETECTOR STUCK	S	09/09/92
3.209A	IRM CHANNEL E RECORDER FAILS AS-IS	S	09/09/92
3.209B	IRM CHANNEL E FAILS INOPERATIVE	S	09/14/92
3.209C	IRM CHANNEL E DETECTOR STUCK	S	09/09/92

TEST NO	TITLE	RESULTS	TEST DATE
3.210A	IRM CHANNEL F RECORDER FAILS AS-IS	S	09/09/92
3.210B	IRM CHANNEL F FAILS INOPERATIVE	S	09/14/92
3.210C	IRM CHANNEL F DETECTOR STUCK	S	09/11/92
3.211A	IRM CHANNEL G RECORDER FAILS AS-IS	S	09/14/92
3.211B	IRM CHANNEL G FAILS INOPERATIVE	S	09/14/92
3.211C	IRM CHANNEL G DETECTOR STUCK	S	09/14/92
3.212A	IRM CHANNEL H RECORDER FAILS AS-IS	S	09/14/92
3.212B	IRM CHANNEL H FAILS INOPERATIVE	S	09/14/92
3.212C	IRM CHANNEL H DETECTOR STUCK	S	09/14/92
3.213A	SRM CHANNEL A FAILS TO SELECTED VALUE	S	04/21/92
3.213B	SRM CHANNEL B FAILS TO SELECTED VALUE	S	04/21/92
3.213C	SRM CHANNEL C FAILS TO SELECTED VALUE	S	04/21/92
3.213D	SRM CHANNEL D FAILS TO SELECTED VALUE	S	04/21/92
3.214A	IRM CHANNEL A FAILS TO SELECTED VALUE	S	04/22/92
3.214B	IRM CHANNEL B FAILS TO SELECTED VALUE	S	04/22/92
3.214C	IRM CHANNEL C FAILS TO SELECTED VALUE	S	04/22/92
3.214D	IRM CHANNEL D FAILS TO SELECTED VALUE	S	04/22/92
3.214E	IRM CHANNEL E FAILS TO SELECTED VALUE	S	04/22/92
3.214F	IRM CHANNEL F FAILS TO SELECTED VALUE	S	04/22/92
3.214G	IRM CHANNEL G FAILS TO SELECTED VALUE	S	04/22/92
3.214H	IRM CHANNEL H FAILS TO SELECTED VALUE	S	04/22/92
3.215	IRM OVERLAP FAILURE	S	09/29/92
3.216	APRM OVERLAP FAILURE	S	09/29/92
3.227A	RX INSTRUMENT LINE BREAK AFTER 42-F043A	S	02/19/92
3.227B	RX INSTRUMENT LINE BREAK AFTER 42-F043B	S	08/28/92
3.229A	RX INSTRUMENT LINE BREAK AFTER 42-F049A	S	02/19/92
3.229B	RX INSTRUMENT LINE BREAK AFTER 42-F049B	S	08/28/92
3.232A	RX LEVEL XMITTER LT42-N080A FAILS HIGH	S	02/21/92

TEST NO	TITLE	RESULTS	TEST DATE
3.232E	RX LEVEL XMITTER LT42-N080C FAILS HIGH	S	02/21/92
3.232H	RX LEVEL XMITTER LT42-N080D FAILS LOW	S	05/12/92
3.233D	RX LEVEL XMITTER DPT42-N004B FAILS LOW	S	04/30/92
3.233G	RX LEVEL XMITTER DPT42-N004D FAILS HIGH	S	04/30/92
3.234B	RX PRESS XMITTER PT42-N078A FAILS LOW	S	04/30/92
3.234H	RX PRESS XMITTER PT42-N078D FAILS LOW	S	04/30/92
3.235B	RX LEVEL/PRESS RECORDER R609 FAILS	S	04/30/92
3.241B	FEEDWATER HEATER 12B TUBE LEAK	S	08/26/92
3.244A	REACTOR FEEDWATER PUMP A TRIPS	S	03/12/92
3.245C	REACTOR FEEDPUMP B HIGH VIBRATION	S	06/10/92
3.248A	RX FEEDPUMP A RECIRC VALVE FAILS OPEN	S	05/11/92
3.252A	FW LINE A RUPTURE INSIDE DRYWELL	S	10/13/92
3.252B	FW LINE B RUPTURE INSIDE DRYWELL	S	11/14/92
3.253A	FW LINE A RUPTURE OUTSIDE DRYWELL	S	10/02/92
3.253B	FW LINE B RUPTURE OUTSIDE DRYWELL	S	11/16/92
3.260A	NETWORK LOAD TRANSIENT INCREASE	S	07/20/92
3.263A	4KV SAFEGUARD BUS D11 FAULT	S	02/21/92
3.263B	4KV SAFEGUARD BUS D12 FAULT	S	02/21/92
3.263C	4KV SAFEGUARD BUS D13 FAULT	S	02/21/92
3.263D	4KV SAFEGUARD BUS D14 FAULT	S	02/21/92
3.264C	MAIN GEN OUTPUT BRKR TRIPS (JOTH)	S	05/11/92
3.270A	114A GEN AREA 440V LOAD CENTER FAULT	S	06/08/92
3.270B	124A GEN AREA 440V LOAD CENTER FAULT	S	02/03/92
3.271A	114B RX AREA 440V LOAD CENTER FAULT	S	06/10/92
3.271B	124B RX AREA 440V LOAD CENTER FAULT	S	06/22/92
3.273B	214D PLANT SERVICES LOAD CENTER FAULT	S	06/11/92
3.277A	120 VAC PANEL 10Y101 FAULT	S	02/07/92
3.278A	120 VAC PANEL 10Y105 FAULT	S	02/03/92



TEST NO	TITLE	RESULTS	TEST DATE
3.279B	120 VAC PANEL 10Y202 FAULT	S	02/03/92
3.284A	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	05/12/92
3.284E	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	05/12/92
3.301A	RX ENCLOSURE ISOLATION CHANNEL A	S	08/13/92
3.301B	RX ENCLOSURE ISOLATION CHANNEL B	S	08/14/92
3.302A	REFUEL FLOOR ISOLATION CHANNEL A	S	08/11/92
3.302B	REFUEL FLOOR ISOLATION CHANNEL B	S	08/11/92
3.304A	SGTS FROM REFUEL FLR HV76-019 FAILS OPEN	S	07/23/92
3.304B	SGTS FROM REFUEL FLR HV76-020 FAILS OPEN	S	07/23/92
3.305A	SGTS FROM RX ENCLOS HV76-196 FAILS OPEN	S	07/23/92
3.305B	SGTS FROM RX ENCLOS HV76-197 FAILS OPEN	S	07/23/92
3.405	SERVICE AIR COMPRESSOR TRIP	S	04/22/92
3.407A	RRCs ARI DIVISION I FAILS TO INITIATE	S	05/12/92
3.408A	LEAK IN INSTRUMENT AIR HEADER A	S	07/20/92
3.408B	LEAK IN INSTRUMENT AIR HEADER B	S	07/20/92
3.409A	CONTAINMENT INST GAS COMPRESSOR A LEAKS	S	09/11/92
3.409B	CONTAINMENT INST GAS COMPRESSOR B LEAKS	S	09/11/92
3.411B	CRD FLOW CNTRL VALVE B FAILS CLOSED	S	05/12/92
3.412B	CONTROL ROD DRIVE PUMP B TRIPS	S	05/11/92
3.414D	DISCH VOLUME SV47-1F011 FAILS CLOSED	S	05/11/92
3.418B	DIESEL GENERATOR 12 TRIP	S	02/19/92
3.419D	DIESEL GENERATOR 14 FAILS TO START	S	03/12/92
3.424A	INSTRUMENT AIR COMPRESSOR 1AK101 TRIP	S	01/06/92
3.424B	INSTRUMENT AIR COMPRESSOR 1BK101 TRIP	S	01/06/92
3.424C	BOT./I INSTRUMENT AIR COMPRESSORS TRIP	S	01/06/92
3.431C	RECIRC PUMP B M/A STATION FAILS HIGH	S	06/08/92
3.433A	RECIRC PUMP A SEAL #1 FAILURE	S	12/07/92
3.435A	RECIRC PUMP A DRIVE MOTOR BREAKER TRIP	S	04/30/92



TEST NO	TITLE	RESULTS	TEST DATE
3.436A	RECIRC PUMP A GEN FIELD BREAKER TRIP	S	05/11/92
3.439	JET PUMPS NO. 13 AND 14 FAILURE	S	06/08/92
3.442A	RECIRC PUMP 1A RPT BREAKER CB3A TRIP	S	01/06/92
3.442B	RECIRC PUMP 1A RPT BREAKER CB4A TRIP	S	01/06/92
3.442C	RECIRC PUMP 1A RPT BRKR CB3A & CB4A TRIP	S	01/06/92
3.443A	RECIRC PUMP 1B RPT BREAKER CB3B TRIP	S	01/06/92
3.443B	RECIRC PUMP 1B RPT BREAKER CB4B TRIP	S	01/06/92
3.443C	RECIRC PUMP 1B RPT BREAKER BOTH TRIP	S	01/06/92
3.447A	HPCI AUX OIL PUMP FAILS TO AUTO START	S	06/22/92
3.448B	HPCI SPEED CONT FAILS LOW	S	06/22/92
3.451A	HPCI STEAM SUPPLY HV55-1F003 ISOLATES	S	02/05/92
3.453	HPCI PUMP DISCH VALVE 1F105 FAILS AS IS	S	02/05/92
3.456	RCIC FAILS TO AUTO START	S	04/30/92
3.457B	RCIC SPEED CONT FAILS LOW	S	05/12/92
3.459A	RCIC STEAM SUPPLY HV49-1F008 ISOLATES	S	04/30/92
3.461	RCIC PUMP SUCT VLVS FAIL TO AUTO SWAP	S	05/11/92
3.471A	DRYWELL AREA UNIT COOLER FAN 1A1 TRIP	S	05/12/92
3.471E	DRYWELL AREA UNIT COOLER FAN 1E1 TRIP	S	05/15/92
3.472A	DRYWELL AREA UNIT COOLER FAN 1A2 TRIP	S	05/12/92
3.472E	DRYWELL AREA UNIT COOLER FAN 1E2 TRIP	S	05/12/92
3.483B	RECW PUMP TRIP (B)	S	06/22/92
3.484A	TECW PUMP A TRIP	S	07/19/92
3.484B	TECW PUMP B TRIP	S	07/19/92
3.484C	TECW PUMPS TRIP (BOTH)	S	07/19/92
3.489A	ESW PUMP A TRIPS	S	02/07/92
3.490B	ESW VLV HV11-054A FAILS TO AUTO SWAP	S	02/07/92
3.490G	ESW VLV HV11-126 FAILS TO AUTO SWAP	S	02/07/92
3.491	ESW SYSTEM LEAK	S	02/19/92

TEST NO	TITLE	RESULTS	TEST DATE
3.492C	RHR SERVICE WATER PUMP C TRIPS	S	02/19/92
3.493A	FAILURE OF RHRSW HX A INLET VALVE	S	09/14/92
3.493B	FAILURE OF RHRSW HX B INLET VALVE	S	09/14/92
3.514	HIGH RAD LEVEL IN RHRSW (1-100%)	S	05/12/92
5.04B	SRV FAILS OPEN AT RATED POWER	S	06/12/92
5.04C	SRV LEAKS	S	12/08/92
5.05	LOSS OF INSTRUMENT AIR	S	06/24/92
5.09A	LOSS OF NON-SAFEGUARD LOAD CENTER 114A	S	05/13/92
5.09B	LOSS OF NON-SAFEGUARD LOAD CENTER 114B	S	05/13/92
5.09C	LOSS OF NON-SAFEGUARD LOAD CENTER 124B	S	05/13/92
5.13B	MAIN CONDENSER AIR LEAK AT HIGH SEVERITY	S	11/14/92
5.20A	STUCK RODS	S	07/15/92
5.20B	UNCOUPLED CONTROL RODS	S	07/15/92
5.20C	CONTROL ROD DRIFTS OUT	S	07/15/92
5.20D	CONTROL ROD DRIFTS IN	S	07/15/92
5.20E	CONTROL ROD DROP DURING STARTUP	S	12/15/92
5.20F	CONTROL ROD DROP DURING POWER	S	12/15/92
5.20G	INDIVIDUAL CONTROL ROD SCRAM	S	07/15/92
5.22A	FUEL CLADDING FAILURE AT 100% SEVERITY	S	12/10/92
5.22B	FUEL CLAD FAILURE AT LOW SEVERITY	S	12/09/92
5.24	MAIN-GENERATOR TRIP	S	07/15/92
5.28	MAIN STEAM LINE BREAK OUTSIDE DRYWELL	S	12/08/92
5.29A	MAIN FEED LINE A BREAK INSIDE DRYWELL	S	09/30/92
5.29B	MAIN FEED LINE B BREAK INSIDE DRYWELL	S	11/05/92
5.30A	MAIN FEED LINE A BREAK OUTSIDE DRYWELL	S	10/15/92
5.30B	MAIN FEED LINE B BREAK OUTSIDE DRYWELL	S	11/05/92
5.33A	RHR PUMP B FAILS TO AUTO START	S	07/15/92
5.33B	CORE SPRAY INJ VALVE F0.5 FAILS AS-IS	S	07/15/92

TEST NO	TITLE	RESULTS	TEST DATE
5.33C	HPCI AND RCIC FAIL TO AUTO START	S	07/15/92
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	S	11/30/92
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	S	11/18/92
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	S	11/18/92
7.01	MANUAL SCRAM	S	12/09/92
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	S	05/13/92
7.03A	CLOSURE OF ALL MSIV'S @ 100% POWER	S	06/25/92
7.03B	CLOSURE OF ALL MSIV'S @ STARTUP TEST	S	12/11/92
7.04A	DUAL RECIRC PUMP TRIP AT 100% POWER	S	12/09/92
7.04B	DUAL RECIRC PUMP TRIP @ STARTUP TEST	S	12/09/92
7.05	SINGLE RECIRC PUMP TRIP	S	12/10/92
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	S	12/11/92
7.07	MAXIMUM RATE POWER RAMP	U	12/15/92
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	S	05/13/92
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	S	12/10/92
7.10	SWR IMI EQUIVALENT SCENARIO	S	06/25/92
8.003	MAIN GEN OUTPUT BREAKER DISCONNECT	S	06/11/92
8.006	CONDENSER LOW VACUUM BYPASS SWITCH	S	07/20/92
8.008	RECIRC PP SEAL PURGE LEAK BARRIER BLK VL	S	01/06/92
8.009	HCU ACCUMULATOR CHARGING VLV HV-46-034	S	06/08/92
8.010	RRCS DIV 1 MAN ARI INIT FRM AUX EQUIP RM	S	05/14/92
8.015	RWCU ORIFICE BYPASS HV44-1F031 FEEDER BK	S	09/29/92
8.018	CRD PP A DISCHARGE VALVE 1F014A	S	05/11/92
8.020	CRD FLOW CONTROL VALVE	S	06/10/92
8.022	CORE SPRAY PUMP ROOM B FLOODING ALARM	S	06/08/92
8.029	RECIRC PUMP A SCOOP TUBE CONTROL	S	06/10/92
8.035	VMS HIGH VIBRATION ALARM RESET SWITCH	S	01/06/92
8.039	RECIRC PP A SCOOP TUBE POSITION CONTROL	S	06/10/92

TEST NO	TITLE	RESULTS	TEST DATE
8.048	ESW PUMP C TRANSFER SWITCH	S	01/07/92
8.050	ESW PUMP C LOCAL CONTROL SWITCH	S	01/07/92
8.051	GRP 1 VLV 1 ISOL BYP JUMPER INSTALLED	S	07/22/92
8.053	HV-48-1F036 SLC MAIN ISOLATION VALVE	S	05/12/92
8.054	SLC PUMP A LOCAL TEST START SWITCH	S	06/11/92
8.061	APRM A GAIN ADJUSTMENT FACTOR	S	06/11/92
8.065	APRM E GAIN ADJUSTMENT FACTOR	S	06/11/92
8.071	HV55-1F011 TEST RET CST CLOSE INTERLOCK	S	06/22/92
8.072	HV55-1F006 INJEC TO CORE SPRAY AUTO OPEN	S	07/23/92
8.073	HV55-1F105 INJEC TO FEEDWATER AUTO OPEN	S	07/23/92
8.079	VALVES HB-52-127/128 NSSSS GRP VIII ISOL	S	01/06/92
8.082	RHR PP C SUCT INTERTIE VLV F067A	S	04/24/92
8.083	RHR PP D SUCT INTERTIE VLV F067B	S	04/24/92
8.083	RHR PP D TO HX B INTERTIE VLV HV51-182B	S	04/24/92
8.090	RHR SHUTDOWN COOLING ISOLATION	S	07/20/92
8.091	RWCU FILTER / DEMIN A LOCAL CONTROL	S	05/12/92
8.093	RWCU PUMP A DISCHARGE VALVE 44-1F013A	S	05/11/92
8.100	LOW RWCU SYS FLOW PP TRIP BYPASS	S	07/20/92
8.177	RFP B MIN FLOW RECIRC VALV MANUAL ISOL	S	06/08/92
8.184	T-248 SLC PUMP B SUCTION WHICH TANK?	S	06/08/92
8.186	HV49-1F007 POWER SUPPLY TRANSFER	S	01/07/92
8.187	ALT OFFSITE PWR SUPPLY TO SAFEGUARD BUS	S	01/07/92
8.188	ALT OFFSITE PWR SUPPLY TO SAFEGUARD BUS	S	01/07/92
8.189	DW/SUPP POOL VAC RELIEF VLVS TEST SW	S	01/06/92
8.190	T-210 BORON INJECT CRD PUMP A	S	01/06/92
8.191	T-211 BORON INJECT CRD PUMP B	S	01/06/92
8.192	T-217 SDV MANUAL VENT AND DRAIN	S	01/06/92
8.193	T-246 HPCI SUCTION SWAP OVER BYPASS	S	01/06/92

TEST NO	TITLE	RESULTS	TEST DATE
8.194	101 SAFEGUARD BUS UNDERVOLTAGE RELAY	S	04/22/92
8.195	201 SAFEGUARD BUS UNDERVOLTAGE RELAY	S	04/22/92
8.196	UNIT 2 DIESEL GEN CONNECTED TO 101	S	04/22/92
8.197	UNIT 2 DIESEL GEN CONNECTED TO 201	S	04/22/92
8.198	INST AIR HEADERS A/B CROSS TIE VALVE	S	07/20/92
8.199	UNIT2 TO UNIT1 INST AIR HDR A CROSSTIE	S	07/20/92
8.200	UNIT2 TO UNIT1 INST AIR HDR B CROSSTIE	S	07/20/92
8.201	BACKUP SERVICE AIR COMPRESSOR	S	07/20/92
8.202	SERVICE AIR CROSSTIE TO INST AIR HDR A	S	07/20/92
8.203	SERVICE AIR CROSSTIE TO INST AIR HDR B	S	07/20/92
8.204	SRV F013A FUSE	S	06/09/92
8.205	SRV F013B FUSE	S	06/09/92
8.206	SRV F013C FUSE	S	06/09/92
8.207	SRV F013D FUSE	S	06/09/92
8.208	SRV F013E FUSE	S	06/09/92
8.209	SRV F013F FUSE	S	06/09/92
8.210	SRV F013G FUSE	S	06/09/92
8.211	SRV F013H FUSE	S	06/09/92
8.212	SRV F013J FUSE	S	06/09/92
8.213	SRV F013K FUSE	S	06/09/92
8.214	SRV F013L FUSE	S	06/09/92
8.215	SRV F013M FUSE	S	06/09/92
8.216	SRV F013N FUSE	S	06/09/92
8.217	SRV F013S FUSE	S	06/09/92
8.218	ALARM E-5 ON 101 FEED TURB RESET	S	07/20/92
8.219	RECW TO RWCU NRHX MANUAL ISOLATION	S	07/21/92
8.220	T-270 RHR PUMP A 4KV BUS PWR MON E11-S44	S	09/29/92
8.221	T-270 RHR PUMP B 4KV BUS PWR MON E11-S44	S	09/29/92

TEST NO	TITLE	RESULTS	TEST DATE
8.222	T-270 RHR PUMP C 4KV BUS PWR MON E11-S44	S	09/29/92
8.223	T-270 RHR PUMP D 4KV BUS PWR MON E11-S44	S	09/29/92
8.224	T-270 CORE SPRAY PUMP A 4KV BUS PWR MON	S	09/29/92
8.225	T-270 CORE SPRAY PUMP B 4KV BUS PWR MON	S	09/29/92
8.226	T-270 CORE SPRAY PUMP C 4KV BUS PWR MON	S	09/29/92
8.227	T-270 CORE SPRAY PUMP D 4KV BUS PWR MON	S	09/29/92



LGS SIMULATOR TESTING  
PERFORMED IN 1993

TEST NO	TITLE	RESULTS	TEST DATE
1.01	COMPUTER REAL TIME TEST	S	09/24/93
3.004A	APRM CHANNEL A RECORDER FAILS AS-IS	S	09/20/93
3.004B	APRM CHANNEL A FAILS INOPERATIVE	S	09/21/93
3.007A	APRM CHANNEL D RECORDER FAILS AS-IS	S	09/20/93
3.009B	APRM CHANNEL F FAILS INOPERATIVE	S	09/20/93
3.011A	RBM CHANNEL B FAILS UPSCALE	S	07/02/93
3.011C	RBM CHANNEL B RECORDER FAILS AS-IS	S	07/30/93
3.012A	LPRM 56-17B UPSCALE FAILURE	S	01/12/93
3.012B	LPRM 40-57B UPSCALE FAILURE	S	01/12/93
3.012C	LPRM 16-09C UPSCALE FAILURE	S	01/12/93
3.012D	LPRM 24-17B UPSCALE FAILURE	S	01/12/93
3.012E	LPRM 40-33B UPSCALE FAILURE	S	01/12/93
3.012F	LPRM 32-49C UPSCALE FAILURE	S	01/12/93
3.012G	LPRM 56-41D UPSCALE FAILURE	S	01/12/93
3.012H	LPRM 08-17D UPSCALE FAILURE	S	01/12/93
3.013A	LPRM 24-33D DOWNSCALE FAILURE	S	01/12/93
3.013B	LPRM 16-49A DOWNSCALE FAILURE	S	01/13/93
3.013C	LPRM 08-33B DOWNSCALE FAILURE	S	01/12/93
3.013D	LPRM 24-57B DOWNSCALE FAILURE	S	01/13/93
3.013E	LPRM 48-49D DOWNSCALE FAILURE	S	01/12/93
3.013F	LPRM 48-33C DOWNSCALE FAILURE	S	01/13/93
3.013G	LPRM 32-09A DOWNSCALE FAILURE	S	01/12/93
3.013H	LPRM 40-17D DOWNSCALE FAILURE	S	01/12/93
3.014	TIP CHAMBER STUCK IN-CORE	S	07/29/93
3.015A	LPRM 16-41B DRIFT (-25 TO +25)	S	01/12/93
3.015B	LPRM 40-25A DRIFT (-25 TO +25)	S	01/13/93
3.015C	LPRM 16-25A DRIFT (-25 TO +25)	S	01/12/93
3.015D	LPRM 40-41B DRIFT (-25 TO +25)	S	01/13/93

TEST NO	TITLE	RESULTS	TEST DATE
3.017A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	S	08/24/93
3.017G	CONTROL ROD XX-XX FAILS TO SCRAM	S	08/24/93
3.018C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	S	08/27/93
3.018F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	S	01/14/93
3.019E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	S	01/14/93
3.020B	APRM CHANNEL B FAILS 0-125%	S	09/20/93
3.020F	APRM CHANNEL F FAILS 0-125%	S	09/20/93
3.024	RDCS FAILURE (ANALYZER CARD)	S	01/14/93
3.027A	LOSS OF NORMAL POWER TO RPS CHANNEL A	S	07/28/93
3.027B	LOSS OF NORMAL POWER TO RPS CHANNEL B	S	07/29/93
3.028C	REACTOR SCRAM (BANK 2)	S	07/02/93
3.029D	RPS FAILS TO SCRAM (CHAN B)	S	07/27/93
3.043A	FWC MASTER LEVEL CONTROLLER FAILS HIGH	S	07/01/93
3.043B	FWC MASTER LEVEL CONTROLLER FAILS LOW	S	01/27/93
3.061C	MSIV HV41-1FO22C FAILS OPEN	S	06/28/93
3.062A	MSIV HV41-1FO28A FAILS OPEN	S	06/28/93
3.063A	MSIV HV41-1FO22A FAILS CLOSED	S	06/28/93
3.071A	LOSS OF EXTRACTION STEAM TO FW HTR 16A	S	06/29/93
3.071B	LOSS OF EXTRACTION STEAM TO FW HTR 16B	S	06/29/93
3.071C	LOSS OF EXTRACTION STEAM TO FW HTR 16C	S	07/29/93
3.072C	SJAE STM SUPPLY PCV07-101A FAILS OPEN	S	07/30/93
3.074	MAIN CONDENSER AIR INLEAKAGE	S	08/24/93
3.077B	HOTWELL LEVEL CONTROLLER FAILS LOW	S	03/11/93
3.078A	CONDENSATE PUMP A TRIP	S	01/14/93
3.078B	CONDENSATE PUMP B TRIP	S	01/14/93
3.078C	CONDENSATE PUMP C TRIP	S	01/14/93
3.079D	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	01/14/93
3.079G	CONDENSATE FILTER/DEMIN HI DIFF PRESSURE	S	01/27/93

TEST NO	TITLE	RESULTS	TEST DATE
3.086A	CIRCULATING WATER PUMP A TRIP	S	01/26/93
3.095	AUTOMATIC VOLTAGE REGULATOR FAILURE	S	07/02/93
3.097	ISO-PHASE BUS COOLERS TRIP 1A/1B	S	09/27/93
3.099B	STATOR COOLING WATER PUMP B TRIP	S	08/27/93
3.103	TURBINE BEARING HIGH TEMPERATURE	S	07/02/93
3.106A	EHC PRESSURE REGULATOR B FAILS HIGH	S	09/20/93
3.106C	EHC PRESSURE REGULATOR B OSCILLATES	S	09/22/93
3.110	MAIN TURBINE - GENERATOR TRIP	S	08/27/93
3.111A	EHC LOAD SELECTOR FAILS TO LOCAL	S	07/01/93
3.115AA	DRAWER INOP RX ENCLOSURE VENT EXH CHAN A	S	02/09/93
3.115AE	DRAWER INOP REFUEL FLOOR VENT EXH CHAN A	S	03/09/93
3.115AJ	DRAWER INOP POST LOCA MONITOR CHAN A	S	07/29/93
3.115B	DRAWER INOP MCR FRESH AIR CHAN B & D	S	07/29/93
3.115F	DRAWER INOP SOUTH STACK RAD MONITOR	S	07/29/93
3.115P	DRAWER INOP SERVICE WATER COOLING WATER	S	07/29/93
3.115RA	DRWR INOP RHRSW UNIT 1 HX RETURN HEADER	S	07/29/93
3.115RE	DRAWER INOP RHRSW HX 2A OUTLET	S	07/29/93
3.115T	DRAWER INOP MAIN STEAM LINE CHAN A	S	07/29/93
3.137A	ADS/SRV 1F013A FAILS - LEAKS	S	01/29/93
3.137B	ADS/SRV 1F013A FAILS - STUCK	S	03/09/93
3.137C	ADS/SRV 1F013A FAILS - OPEN ELECT	S	03/09/93
3.138A	ADS/SRV 1F013B FAILS - LEAKS	S	01/29/93
3.138E	ADS/SRV 1F013B FAILS - OPEN MECH	S	07/01/93
3.139A	ADS/SRV 1F013C FAILS - LEAKS	S	01/29/93
3.139C	ADS/SRV 1F013C FAILS - OPEN ELECT	S	03/09/93
3.140A	ADS/SRV 1F013D FAILS - LEAKS	S	01/29/93
3.140B	ADS/SRV 1F013D FAILS - STUCK	S	03/09/93
3.140D	ADS/SRV 1F013D FAILS - CLOSED	S	02/08/93

TEST NO	TITLE	RESULTS	TEST DATE
3.141A	ADS/SRV 1F013E FAILS - LEAKS	S	01/29/93
3.141C	ADS/SRV 1F013E FAILS - OPEN ELECT	S	03/09/93
3.142A	ADS/SRV 1F013F FAILS - LEAKS	S	01/29/93
3.142D	ADS/SRV 1F013F FAILS - CLOSED	S	02/08/93
3.143A	ADS/SRV 1F013G FAILS - LEAKS	S	01/29/93
3.143B	ADS/SRV 1F013G FAILS - STUCK	S	03/11/93
3.143E	ADS/SRV 1F013G FAILS - OPEN MECH	S	02/09/93
3.144A	ADS/SRV 1F013H FAILS - LEAKS	S	01/29/93
3.144C	ADS/SRV 1F013H FAILS - OPEN ELECT	S	07/01/93
3.144E	ADS/SRV 1F013H FAILS - OPEN MECH	S	02/09/93
3.145A	ADS/SRV 1F013J FAILS - LEAKS	S	01/29/93
3.145E	ADS/SRV 1F013J FAILS - OPEN MECH	S	02/08/93
3.146A	ADS/SRV 1F013K FAILS - LEAKS	S	01/29/93
3.146C	ADS/SRV 1F013K FAILS - OPEN ELECT	S	07/29/93
3.147A	ADS/SRV 1F013L FAILS - LEAKS	S	01/29/93
3.147B	ADS/SRV 1F013L FAILS - STUCK	S	03/09/93
3.147E	ADS/SRV 1F013L FAILS - OPEN MECH	S	02/08/93
3.148A	ADS/SRV 1F013M FAILS - LEAKS	S	01/29/93
3.148B	ADS/SRV 1F013M FAILS - STUCK	S	06/29/93
3.149A	ADS/SRV 1F013N FAILS - LEAKS	S	01/29/93
3.149B	ADS/SRV 1F013N FAILS - STUCK	S	07/01/93
3.149E	ADS/SRV 1F013N FAILS - OPEN MECH	S	02/09/93
3.150A	ADS/SRV 1F013S FAILS - LEAKS	S	01/29/93
3.150B	ADS/SRV 1F013S FAILS - STUCK	S	07/29/93
3.150E	ADS/SRV 1F013S FAILS - OPEN MECH	S	03/11/93
3.156D	NSSSS GROUP 1D INADVERTENT ISOLATION	S	02/09/93
3.156H	NSSSS GROUP 1H INADVERTENT ISOLATION	S	02/09/93
3.157E	NSSSS GROUP 2E INADVERTENT ISOLATION	S	03/09/93

TEST NO	TITLE	RESULTS	TEST DATE
3.158B	NSSSS GROUP 3B INADVERTENT ISOLATION	S	01/14/93
3.159D	NSSSS GROUP 6D INADVERTENT ISOLATION	S	01/14/93
3.161B	NSSSS GROUP 8B INADVERTENT ISOLATION	S	01/14/93
3.162A	SEC CON & PCIG A INADVERTENT ISOL	S	08/27/93
3.162B	SEC CON & PCIG B INADVERTENT ISOL	S	08/27/93
3.165	STEAM JET AIR EJECT DISCHARGE EXPLOSION	S	07/30/93
3.171D	RHR PUMP D TRIP	S	01/27/93
3.172A	RHR PUMP 1A FAILS TO AUTO START	S	01/27/93
3.174A	RHR INJECTION VALVE 1F017A FAILS AS IS	S	06/28/93
3.175C	RHR PUMP SUCTION VALVE F004C FAILS AS IS	S	07/01/93
3.176C	RHR SDC SUCTION VALVE 1F008 FAILS AS IS	S	06/30/93
3.177B	RHR HX A BYPASS CONTROLLER FAILS LOW	S	11/08/93
3.182D	CORE SPRAY PUMP D TRIPS	S	01/26/93
3.183B	CORE SPRAY PUMP B FAILS TO AUTO START	S	01/26/93
3.189B	REACTOR WATER CLEANUP PUMP B TRIPS	S	06/28/93
3.190A	RWCU DRAIN FLOW CONTROLLER FAILS OPEN	S	05/11/93
3.192	REACTOR VESSEL CONDUCTIVITY INCREASES	S	08/24/93
3.198C	SLC PUMP C LOSS OF CONTROL POWER	S	01/26/93
3.201B	SRM CHANNEL A FAILS INOPERATIVE	S	07/29/93
3.202A	SRM CHANNEL B RECORDER FAILS AS-IS	S	07/29/93
3.203A	SRM CHANNEL C RECORDER FAILS AS-IS	S	07/29/93
3.204C	SRM CHANNEL D DETECTOR STUCK	S	07/29/93
3.205B	IRM CHANNEL A FAILS INOPERATIVE	S	07/29/93
3.207A	IRM CHANNEL C RECORDER FAILS AS-IS	S	07/29/93
3.207C	IRM CHANNEL C DETECTOR STUCK	S	07/29/93
3.209B	IRM CHANNEL E FAILS INOPERATIVE	S	07/29/93
3.210B	IRM CHANNEL F FAILS INOPERATIVE	S	07/30/93
3.211C	IRM CHANNEL G DETECTOR STUCK	S	07/30/93



TEST NO	TITLE	RESULTS	TEST DATE
3.213A	SRM CHANNEL A FAILS TO SELECTED VALUE	S	08/27/93
3.214A	IRM CHANNEL A FAILS TO SELECTED VALUE	S	08/27/93
3.214E	IRM CHANNEL E FAILS TO SELECTED VALUE	S	08/27/93
3.227B	RX INSTRUMENT LINE BREAK AFTER 42-F043B	S	06/28/93
3.229B	RX INSTRUMENT LINE BREAK AFTER 42-F049B	S	06/28/93
3.230B	RX INSTRUMENT LINE BREAK AFTER 42-F065B	S	06/29/93
3.232B	RX LEVEL XMITTER LT42-N080A FAILS LOW	S	06/30/93
3.232D	RX LEVEL XMITTER LT42-N080B FAILS LOW	S	06/30/93
3.232G	RX LEVEL XMITTER LT42-N080D FAILS HIGH	S	06/30/93
3.233C	RX LEVEL XMITTER DPT42-N004B FAILS LOW	S	02/09/93
3.233H	RX LEVEL XMITTER DPT42-N004D FAILS LOW	S	02/09/93
3.234C	RX PRESS XMITTER PT42-N078B FAILS HIGH	S	06/30/93
3.234F	RX PRESS XMITTER PT42-N078C FAILS LOW	S	02/09/93
3.241C	FEEDWATER HEATER 12C TUBE LEAK	S	09/22/93
3.242B	FEEDWATER HEATER 15B TUBE LEAK	S	09/23/93
3.245A	REACTOR FEEDWATER PUMP B TRIPS	S	06/29/93
3.246A	REACTOR FEEDWATER PUMP C TRIPS	S	06/29/93
3.246B	FEEDWATER PUMP ~ MECHANICAL FAILURE	S	08/25/93
3.247B	FW LOW FLOW CONTROL VALVE FAILS CLOSED	S	11/08/93
3.249B	RX FEEDPUMP B RECIRC VALVE FAILS CLOSED	S	07/30/93
3.251A	FW S/U LEVEL CONTROL VALVE FAILS OPEN	S	09/23/93
3.253A	FW LINE A RUPTURE OUTSIDE DRYWELL	S	09/21/93
3.261	LOSS OF OFFSITE POWER (BLACKOUT)	S	09/23/93
3.262B	13.2KV 12 UNIT AUX BUS FAULT	S	04/22/93
3.263A	4KV SAFEGUARD BUS D11 FAULT	S	05/18/93
3.263D	4KV SAFEGUARD BUS D14 FAULT	S	04/22/93
3.265A	STARTUP BUS BKR 10 TRIPS	S	08/27/93
3.266A	13.2KV SAFEGUARD XFMR BKR 101 TRIPS	S	05/11/93

TEST NO	TITLE	RESULTS	TEST DATE
3.266B	13.2KV SAFEGUARD XFMR BKR 201 TRIPS	S	05/11/93
3.272B	124C TURB AREA 440V LOAD CENTER FAULT	S	09/24/93
3.274A	124D PLANT SERVICES LOAD CENTER FAULT	S	09/24/93
3.275B	D124 SAFEGUARD 440V LOAD CENTER FAULT	S	11/08/93
3.277C	120 VAC PANEL 10Y103 FAULT	S	03/09/93
3.279A	120 VAC PANEL 10Y201 FAULT	S	08/25/93
3.280A	120 VAC RPS & UPS BUS 1AY160 FAULT	S	03/18/93
3.280B	120 VAC RPS & UPS BUS 1BY160 FAULT	S	03/18/93
3.282C	1FC 125/250 VDC 1CD105 FAULT	S	03/09/93
3.284B	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	01/27/93
3.284F	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	07/29/93
3.303	AIR LEAK IN REACTOR ENCLOSURE	S	08/27/93
3.305B	SGTS FROM RX ENCLOS HV76-197 FAILS OPEN	S	02/08/93
3.310	CONTROL STRUCTURE HI CL2 CONCENTRATION	S	07/01/93
3.407B	RRCS ARI DIVISION II FAILS TO INITIATE	S	06/29/93
3.408A	LEAK IN INSTRUMENT AIR HEADER A	S	02/08/93
3.411C	BOTH CRD FLOW CONTROL VALVES FAIL CLOSED	S	07/27/93
3.412A	CONTROL ROD DRIVE PUMP A TRIPS	S	01/26/93
3.412C	BOTH CONTROL ROD DRIVE PUMPS TRIP	S	06/29/93
3.414A	DISCH VOLUME SV47-1F180 FAILS CLOSED	S	07/30/93
3.418A	DIESEL GENERATOR 11 TRIP	S	11/29/93
3.418B	DIESEL GENERATOR 12 TRIP	S	11/29/93
3.418C	DIESEL GENERATOR 13 TRIP	S	11/29/93
3.418D	DIESEL GENERATOR 14 TRIP	S	11/29/93
3.419A	DIESEL GENERATOR 11 FAILS TO START	S	11/29/93
3.419B	DIESEL GENERATOR 12 FAILS TO START	S	11/29/93
3.419C	DIESEL GENERATOR 13 FAILS TO START	S	11/29/93
3.419D	DIESEL GENERATOR 14 FAILS TO START	S	11/29/93

TEST NO	TITLE	RESULTS	TEST DATE
3.424B	INSTRUMENT AIR COMPRESSOR 1BK101 TRIP	S	01/27/93
3.430B	RECIRC PUMP B SEIZURE	S	09/23/93
3.431A	RECIRC PUMP A M/A STATION FAILS HIGH	S	12/31/93
3.431D	RECIRC PUMP B M/A STATION FAILS LOW	S	12/31/93
3.434A	RECIRC PUMP A SEAL #2 FAILURE	S	09/20/93
3.435B	RECIRC PUMP B DRIVE MOTOR BREAKER TRIP	S	09/21/93
3.441	COOLANT LEAKAGE IN DRYWELL (1-300 GPM)	S	02/09/93
3.442B	RECIRC PUMP 1A RPT BREAKER CB4A TRIP	S	01/27/93
3.443B	RECIRC PUMP 1B RPT BREAKER CB4B TRIP	S	01/27/93
3.446B	HPCI STM ISOL VALVE HV55-1F003 FAILS	S	03/11/93
3.447B	HPCI AUX OIL PUMP FAILS - TRIPS	S	02/08/93
3.450	HPCI INADVERTENT START	S	02/08/93
3.454	HPCI SUCTION VALVES FAIL TO AUTO SWAP	S	03/11/93
3.45B	RCIC TURBINE TRIP	S	02/09/93
3.460	RCIC DISCHARGE VALVE 1F013 FAILS AS IS	S	03/09/93
3.464B	RCIC ISOL VLV HV49-1F00B FAILS AS-IS	S	03/09/93
3.471B	DRYWELL AREA UNIT COOLER FAN 1B1 TRIP	S	11/26/93
3.471F	DRYWELL AREA UNIT COOLER FAN 1F1 TRIP	S	11/27/93
3.472B	DRYWELL AREA UNIT COOLER FAN 1B2 TRIP	S	11/27/93
3.472F	DRYWELL AREA UNIT COOLER FAN 1F2 TRIP	S	11/26/93
3.487	LOSS OF SW TO MAIN TURB LUBE OIL COOLERS	S	08/27/93
3.489D	ESW PUMP D TRIPS	S	06/29/93
3.490C	ESW VLV HV11-225 FAILS TO AUTO SWAP	S	11/26/93
3.490F	ESW VLV HV11-079 FAILS TO AUTO SWAP	S	08/23/93
3.492B	RHR SERVICE WATER PUMP B TRIPS	S	07/02/93
3.493B	FAILURE OF RHRSW HX B INLET VALVE	S	01/27/93
5.04A	SRV FAILS OPEN ELECTRICALLY	S	05/11/93
5.05	LOSS OF INSTRUMENT AIR	S	02/07/93

TEST NO	TITLE	RESULTS	TEST DATE
5.06A	LOSS O/S PWR AT STARTUP TEST CONDITIONS	S	03/10/93
5.06B	LOSS O/S POWER AT RATED POWER CONDITIONS	S	03/08/93
5.13A	MAIN CONDENSER AIR LEAK AT LOW SEVERITY	S	07/30/93
5.13B	MAIN CONDENSER AIR LEAK AT HIGH SEVERITY	S	07/30/93
5.17A	TRIP OF ONE REACTOR FEEDWATER PUMP	S	03/08/93
5.17B	TRIP OF TWO REACTOR FEEDWATER PUMPS	S	01/10/93
5.17C	LOSS OF FW HEATING AT STARTUP TEST COND	S	04/21/93
5.17D	FW MASTER LVL CONTROLLER FAILS HIGH	S	01/25/93
5.17E	FW MASTER LVL CONTROLLER FAILS LOW	S	01/26/93
5.17F	TRIP OF ONE CONDENSATE PUMP	S	03/08/93
5.17G	TRIP OF TWO CONDENSATE PUMPS	S	03/08/93
5.17H	LOSS OF FEEDWATER HEATING AT FULL POWER	S	01/10/93
5.18	LOSS OF ALL FW RESULTING IN ADS BLOWDOWN	S	03/11/93
5.19A	RPS CHANNEL TRIPS	S	07/28/93
5.19B	RPS CHANNEL FAILS TO SCRAM	S	07/27/93
5.21A	CONTROL ROD DRIVE PUMP TRIP	S	06/29/93
5.21B	CRD FLOW CONTROL VALVE FAILS CLOSED	S	07/27/93
5.25A	RECIRC PUMP M/A STATION FAILS HIGH	S	04/20/93
5.25B	RECIRC PUMP M/A STATION FAILS LOW	S	03/08/93
5.25C	HPCI INADVERTANT INITIATION	S	01/11/93
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	S	09/23/93
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	S	09/22/93
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	S	07/27/93
7.01	MANUAL SCRAM	S	07/26/93
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	S	07/28/93
7.03A	CLOSURE OF ALL MSIV'S @ 100% POWER	S	10/08/93
7.03B	CLOSURE OF ALL MSIV'S @ STARTUP TEST	S	11/08/93
7.04A	DUAL RECIRC PUMP TRIP AT 100% POWER	S	11/10/93

TEST NO	TITLE	RESULTS	TEST DATE
7.04B	DUAL RECIRC PUMP TRIP @ STARTUP TEST	S	11/10/93
7.05	SINGLE RECIRC PUMP TRIP	S	11/26/93
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	S	11/09/93
7.07	MAXIMUM RATE POWER RAMP	U	12/01/93
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	S	10/08/93
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	S	10/08/93
7.10	BWR TMI EQUIVALENT SCENARIO	S	07/28/93
8.043	T-200 SUPP POOL VENT 6 INCH ILRT LINE	S	08/25/93
8.149	MAIN TURBINE DRAINS AUTO-OPEN	S	08/27/93
8.168	XFER SW FOR 1A RPS/UPS STATIC INVERTER	S	05/17/93
8.169	XFER SW FOR 1B RPS/UPS STATIC INVERTER	S	05/17/93
8.180	HS76-196 TEST SWITCH	S	08/27/93

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TEST NO	TITLE	RESULTS	TEST DATE
1.01	COMPUTER REAL TIME TEST	S	03/07/94
1.04A	LOSS OF 11 UNIT AUXILIARY BUS	S	03/08/94
1.04B	LOSS OF 12 UNIT AUXILIARY BUS	S	03/10/94
1.05A	STEAM LEAK INSIDE DRWELL, 50 GPM	S	08/18/94
1.05B	STEAM LEAK INSIDE DRYWELL, 5000 GPM	S	08/23/94
1.07D	TRIP OF ALL (4) CIRCULATING WATER PUMPS	S	04/24/94
1.10	RCIC INJECTION AT RATED POWER	S	06/21/94
3.003A	CORE POWER OSCILLATIONS (IN-PHASE)	S	03/08/94
3.003B	CORE POWER OSCILLATIONS (OUT-OF-PHASE)	S	03/08/94
3.004A	APRM CHAN A RECORDER FAILS AS-IS	S	02/08/94
3.004B	APRM CHAN A FAILS INOP	S	02/08/94
3.005A	APRM CHAN B RECORDER FAILS AS-IS	S	02/10/94
3.005B	APRM CHAN B FAILS INOP	S	02/10/94
3.006A	APRM CHAN C RECORDER FAILS AS-IS	S	02/10/94
3.006B	APRM CHAN C FAILS INOP	S	02/10/94
3.007A	APRM CHAN D RECORDER FAILS AS-IS	S	02/10/94
3.007B	APRM CHAN D FAILS INOP	S	02/10/94
3.008A	APRM CHAN E RECORDER FAILS AS-IS	S	02/08/94
3.008B	APRM CHAN E FAILS INOP	S	02/08/94
3.009A	APRM CHAN F RECORDER FAILS AS-IS	S	02/10/94
3.009B	APRM CHAN F FAILS INOP	S	02/10/94
3.010A	RBM CHAN A RECORDER FAILS AS-IS	S	02/14/94
3.010B	RBM CHAN A FAILS INOP	S	02/14/94
3.011A	RBM CHAN B RECORDER FAILS AS-IS	S	02/14/94
3.011B	RBM CHAN B FAILS INOP	S	02/14/94
3.012A	LPRM 56-17B UPSCALE FAILURE	S	02/01/94
3.012B	LPRM 40-57B UPSCALE FAILURE	S	01/25/94
3.012C	LPRM 16-09C UPSCALE FAILURE	S	01/31/94

TEST NO	TITLE	RESULTS	TEST DATE
3.012D	LPRM 24-17B UPSCALE FAILURE	S	02/10/94
3.012E	LPRM 40-33B UPSCALE FAILURE	S	02/23/94
3.012F	LPRM 32-49C UPSCALE FAILURE	S	02/23/94
3.012G	LPRM 56-41D UPSCALE FAILURE	S	07/15/94
3.012H	LPRM 08-17D UPSCALE FAILURE	S	08/22/94
3.013A	LPRM 24-33D DOWNSCALE FAILURE	S	01/26/94
3.013B	LPRM 16-49A DOWNSCALE FAILURE	S	02/10/94
3.013C	LPRM 08-33B DOWNSCALE FAILURE	S	09/01/94
3.013D	LPRM 24-57B DOWNSCALE FAILURE	S	09/01/94
3.013E	LPRM 48-49D DOWNSCALE FAILURE	S	09/01/94
3.013F	LPRM 48-33C DOWNSCALE FAILURE	S	07/15/94
3.013G	LPRM 32-09A DOWNSCALE FAILURE	S	03/14/94
3.013H	LPRM 40-17D DOWNSCALE FAILURE	S	09/01/94
3.015A	LPRM 16-41B DRIFT (-25 TO +25)	S	08/15/94
3.015B	LPRM 40-25A DRIFT (-25 TO +25)	S	08/18/94
3.015C	LPRM 16-25A DRIFT (-25 TO +25)	S	08/16/94
3.015D	LPRM 40-41B DRIFT (-25 TO +25)	S	08/15/94
3.017C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	S	08/08/94
3.018B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	S	07/19/94
3.018E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	S	07/19/94
3.019A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	S	07/19/94
3.019C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	S	08/08/94
3.019G	CONTROL ROD XX-XX FAILS TO SCRAM	S	07/19/94
3.020A	APRM CHANNEL A FAILS 0-125%	S	02/04/94
3.020C	APRM CHANNEL C FAILS 0-125%	S	03/25/94
3.020F	APRM CHANNEL F FAILS 0-125%	S	08/08/94
3.025	CONTROL ROD XX-YY REED SWITCH FAILURE	S	08/11/94
3.027B	LOSS OF NORMAL POWER TO RPS CHANNEL B	S	07/22/94

TEST NO	TITLE	RESULTS	TEST DATE
3.028D	REACTOR SCRAM (BANK 3)	S	08/10/94
3.029B	RPS FAILS TO SCRAM (COMPLETE)	S	07/15/94
3.043A	FWC MASTER LEVEL CONTROLLER FAILS HIGH	S	03/21/94
3.043B	FWC MASTER LEVEL CONTROLLER FAILS LOW	S	03/21/94
3.044A	FW PUMP A CONTROLLER OUTPUT FAILS HIGH	S	01/24/94
3.044B	FW PUMP B CONTROLLER OUTPUT FAILS HIGH	S	01/24/94
3.044C	FW PUMP C CONTROLLER OUTPUT FAILS HIGH	S	01/24/94
3.045A	FW PUMP A CONTROLLER OUTPUT FAILS LOW	S	01/24/94
3.045B	FW PUMP B CONTROLLER OUTPUT FAILS LOW	S	01/24/94
3.045C	FW PUMP C CONTROLLER OUTPUT FAILS LOW	S	01/24/94
3.046A	STEAM FLOW XMITTER 1N003A FAILS 0-100%	S	03/16/94
3.046D	STEAM FLOW XMITTER 1N003D FAILS 0-100%	S	08/18/94
3.047A	FW FLOW XMITTER 1N002A FAILS 0-100%	S	03/18/94
3.047B	FW FLOW XMITTER 1N002B FAILS 0-100%	S	08/18/94
3.061D	MSIV HV41-1F022D FAILS OPEN	S	08/10/94
3.062C	MSIV HV41-1F028C FAILS OPEN	S	08/10/94
3.064A	MSIV HV41-1F028A FAILS CLOSED	S	08/10/94
3.065	STM LEAK OUTSIDE PRIMARY CONTAINMENT	S	03/25/94
3.066	STM LINE RUPTURE INSIDE WELL	S	03/25/94
3.070	MOISTURE SEPARATOR LVL CONT FAILS LOW	S	03/23/94
3.071A	LOSS OF EXTRACTION STEAM TO FW HTR 16A	S	03/07/94
3.071B	LOSS OF EXTRACTION STEAM TO FW HTR 16B	S	03/07/94
3.071C	LOSS OF EXTRACTION STEAM TO FW HTR 16C	S	03/07/94
3.072B	SJAE STM SUPPLY PCV07-101B FAILS CLOSED	S	08/09/94
3.075	EXHAUST HODD SPRAY VALVE FAILS CLOSED	S	08/08/94
3.079E	COND FILTER/DEMIN E HI DIFF PRESSURE	S	07/14/94
3.080B	CONDENSATE RECIRC VALVE FAILS CLOSED	S	07/22/94
3.086D	CIRCULATING WATER PUMP D TRIP	S	09/14/94

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TEST NO	TITLE	RESULTS	TEST DATE
3.096	GEN HYDROGEN COOLING SYSTEM LEAK	S	07/18/94
3.099C	BOTH STATOR COOLING WATER PUMPS TRIP	S	03/07/94
3.104A	TURBINE CONTROL SYSTEM FAILS HIGH	S	08/10/94
3.104B	TURBINE CONTROL SYSTEM FAILS LOW	S	01/26/94
3.105A	EHC PRESSURE REGULATOR A FAILS HIGH	S	01/25/94
3.105B	EHC PRESSURE REGULATOR A FAILS LOW	S	01/25/94
3.105C	EHC PRESSURE REGULATOR A OSCILLATES	S	01/25/94
3.106A	EHC PRESSURE REGULATOR B FAILS HIGH	S	03/07/94
3.106B	EHC PRESSURE REGULATOR B FAILS LOW	S	03/07/94
3.106C	EHC PRESSURE REGULATOR B OSCILLATES	S	03/10/94
3.107A	BYPASS VALVE NO. 1 STICKS OPEN	S	01/25/94
3.107B	BYPASS VALVE NO. 2 STICKS OPEN	S	01/25/94
3.107C	BYPASS VALVE NO. 3 STICKS OPEN	S	01/25/94
3.107D	BYPASS VALVE NO. 4 STICKS OPEN	S	01/25/94
3.107E	BYPASS VALVE NO. 5 STICKS OPEN	S	01/25/94
3.107F	BYPASS VALVE NO. 6 STICKS OPEN	S	01/25/94
3.107G	BYPASS VALVE NO. 7 STICKS OPEN	S	01/25/94
3.107H	BYPASS VALVE NO. 8 STICKS OPEN	S	01/25/94
3.108	BYPASS VALVES FAIL TO SELECTED VALUE	S	01/25/94
3.109	TURBINE ACCELERATION CONTROL FAILURE	S	08/23/94
3.110	MAIN TURBINE - GENERATOR TRIP	S	07/15/94
3.111A	EHC LOAD SELECTOR FAILS TO LOCAL	S	03/10/94
3.111B	EHC LOAD SELECTOR FAILS TO REMOTE	S	03/10/94
3.112A	EHC PUMP A TRIPS	S	01/24/94
3.112B	EHC PUMP B TRIPS	S	01/24/94
3.112C	BOTH EHC PUMPS TRIP	S	01/24/94
3.113	HIGH RAD LEVEL IN SERVICE WTR	S	07/21/94
3.115AB	DRAWER INOP RX ENCLOSURE VENT EXH CHAN B	S	08/08/94

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TEST NO	TITLE	RESULTS	TEST DATE
3.115AF	DRAWER INOP REFUEL FLOOR VENT EXH CHAN B	S	08/08/94
3.115AK	DRAWER INOP POST LOCA MONITOR CHAN B	S	08/08/94
3.115C	DRAWER INOP CONTROL RM EMERG AIR CH C	S	08/08/94
3.115G	DRAWER INOP RADWASTE EQUIP RM EXHAUST	S	08/08/94
3.115L	DRAWER INOP CHARCOAL TREATMENT SYSTEM	S	08/08/94
3.115Q	DRAWER INOP AIR EJECTOR/OFFGAS CHAN A	S	08/08/94
3.115RB	DRWR INOP RHRSW UNIT 2 HX RETURN HEADER	S	08/08/94
3.115RF	DRAWER INOP RHRSW HX 2B OUTLET	S	08/08/94
3.115V	DRAWER INOP MAIN STEAM LINE CHAN B	S	08/08/94
3.138B	ADS/SRV 1F013B FAILS - STUCK	S	07/14/94
3.139D	ADS/SRV 1F013C FAILS - CLOSED	S	07/14/94
3.140A	ADS/SRV 1F013D FAILS - LEAKS	S	07/15/94
3.141D	ADS/SRV 1F013E FAILS - CLOSED	S	07/15/94
3.141E	ADS/SRV 1F013E FAILS - OPEN MECH	S	08/08/94
3.142E	ADS/SRV 1F013F FAILS - OPEN MECH	S	08/08/94
3.143D	ADS/SRV 1F013G FAILS - CLOSED	S	07/15/94
3.144B	ADS/SRV 1F013H FAILS - STUCK	S	07/18/94
3.145A	ADS/SRV 1F013J FAILS - LEAKS	S	07/18/94
3.146B	ADS/SRV 1F013K FAILS - STUCK	S	07/21/94
3.146E	ADS/SRV 1F013K FAILS - OPEN MECH	S	08/08/94
3.147D	ADS/SRV 1F013L FAILS - CLOSED	S	07/21/94
3.148A	ADS/SRV 1F013M FAILS - LEAKS	S	07/21/94
3.148E	ADS/SRV 1F013M FAILS - OPEN MECH	S	08/08/94
3.149D	ADS/SRV 1F013N FAILS - CLOSED	S	07/18/94
3.150C	ADS/SRV 1F013S FAILS - OPEN ELECT	S	07/11/94
3.150E	ADS/SRV 1F013S FAILS - OPEN MECH	S	07/11/94
3.151A	SRV 1F013K DOWNCOMER LEAK 0-100%	S	01/25/94
3.151B	SRV 1F013M DOWNCOMER LEAK 0-100%	S	03/08/94



TEST NO	TITLE	RESULTS	TEST DATE
3.151C	SRV 1F013H DOWNCOMER LEAK 0-100%	S	03/08/94
3.151D	SRV 1F013E DOWNCOMER LEAK 0-100%	S	09/01/94
3.151E	SRV 1F013S DOWNCOMER LEAK 0-100%	S	09/01/94
3.151F	SRV 1F013N DOWNCOMER LEAK 0-100%	S	09/01/94
3.156E	NSSSS GROUP 1E INADVERTENT ISOLATION	S	07/12/94
3.156F	NSSSS GROUP 1F INADVERTENT ISOLATION	S	07/12/94
3.157B	NSSSS GROUP 2B INADVERTENT ISOLATION	S	07/22/94
3.157F	NSSSS GROUP 2F INADVERTENT ISOLATION	S	08/10/94
3.159B	NSSSS GROUP 6B INADVERTENT ISOLATION	S	07/12/94
3.159E	NSSSS GROUP 6E INADVERTENT ISOLATION	S	07/12/94
3.159F	NSSSS GROUP 6F INADVERTENT ISOLATION	S	07/12/94
3.161A	NSSSS GROUP 8A INADVERTENT ISOLATION	S	07/18/94
3.162E	SEC CON & PCIG E INADVERTENT ISOL	S	07/18/94
3.166A	OFFGAS AFTERCOND LEVEL XMTR FAILS HIGH	S	07/18/94
3.168B	OFFGAS CHILLER GLYCOL PUMP B TRIP	S	07/18/94
3.171A	RHR PUMP A TRIP	S	06/14/94
3.172D	RHR PUMP 1D FAILS TO AUTO START	S	07/18/94
3.174D	RHR INJECTION VALVE 1F017D FAILS AS IS	S	07/21/94
3.175D	RHR PUMP SUCTION VALVE F004D FAILS AS IS	S	07/21/94
3.176D	RHR SDC SUCTION VALVE 1F009 FAILS AS IS	S	07/22/94
3.177A	RHR HX A BYPASS CONTROLLER FAILS HIGH	S	08/10/94
3.182A	CORE SPRAY PUMP A TRIPS	S	07/14/94
3.183D	CORE SPRAY PUMP D FAILS TO AUTO START	S	07/21/94
3.189C	REACTOR WATER CLEANUP PUMP C TRIPS	S	07/14/94
3.190B	RWCU DRAIN FLOW CONTROLLER FAILS CLOSED	S	08/10/94
3.192	REACTOR VESSEL CONDUCTIVITY INCREASES	S	03/15/94
3.198B	SLC PUMP B LOSS OF CONTROL POWER	S	07/14/94
3.201C	SRM CHANNEL A DETECTOR STUCK	S	07/14/94



TEST NO	TITLE	RESULTS	TEST DATE
3.202B	SRM CHANNEL B FAILS INOPERATIVE	S	07/14/94
3.204A	SRM CHANNEL D RECORDER FAILS AS-IS	S	07/14/94
3.205C	IRM CHANNEL A DETECTOR STUCK	S	07/14/94
3.206B	IRM CHANNEL B FAILS INOPERATIVE	S	07/14/94
3.207B	IRM CHANNEL C FAILS INOPERATIVE	S	07/14/94
3.210A	IRM CHANNEL F RECORDER FAILS AS-IS	S	07/14/94
3.212A	IRM CHANNEL H RECORDER FAILS AS-IS	S	07/14/94
3.213B	SRM CHANNEL B FAILS TO SELECTED VALUE	S	08/15/94
3.214F	IRM CHANNEL F FAILS TO SELECTED VALUE	S	08/15/94
3.217A	RBM CHANNEL A FAILS TO SELECTED VALUE	S	03/25/94
3.217B	RBM CHANNEL B FAILS TO SELECTED VALUE	S	03/08/94
3.226	RX INSTRUMENT LINE BREAK AFTER 42-F041	S	01/25/94
3.227A	RX INSTRUMENT LINE BREAK AFTER 42-F043A	S	01/26/94
3.227B	RX INSTRUMENT LINE BREAK AFTER 42-F043B	S	01/26/94
3.228A	RX INSTRUMENT LINE BREAK AFTER 42-F047A	S	01/26/94
3.228B	RX INSTRUMENT LINE BREAK AFTER 42-F047B	S	01/26/94
3.229A	RX INSTRUMENT LINE BREAK AFTER 42-F049A	S	01/26/94
3.229B	RX INSTRUMENT LINE BREAK AFTER 42-F049B	S	01/26/94
3.230A	RX INSTRUMENT LINE BREAK AFTER 42-F065A	S	01/26/94
3.230B	RX INSTRUMENT LINE BREAK AFTER 42-F065B	S	01/26/94
3.231A	RX INSTRUMENT LINE BREAK AFTER 42-F045A	S	01/26/94
3.231B	RX INSTRUMENT LINE BREAK AFTER 42-F045B	S	01/26/94
3.231C	RX INSTRUMENT LINE BREAK AFTER 42-F045C	S	01/27/94
3.231D	RX INSTRUMENT LINE BREAK AFTER 42-F045D	S	01/27/94
3.232A	RX LEVEL XMITTER LT42-N080A FAILS HIGH	S	03/04/94
3.232B	RX LEVEL XMITTER LT42-N080A FAILS LOW	S	03/04/94
3.232C	RX LEVEL XMITTER LT42-N080B FAILS HIGH	S	03/04/94
3.232D	RX LEVEL XMITTER LT42-N080B FAILS LOW	S	03/04/94

TEST NO	TITLE	RESULTS	TEST DATE
3.232E	RX LEVEL XMITTER LT42-N080C FAILS HIGH	S	03/04/94
3.232F	RX LEVEL XMITTER LT42-N080C FAILS LOW	S	03/04/94
3.232G	RX LEVEL XMITTER LT42-N080D FAILS HIGH	S	03/04/94
3.232H	RX LEVEL XMITTER LT42-N080D FAILS LOW	S	03/04/94
3.233A	RX LEVEL XMITTER DPT42-N004A FAILS HIGH	S	01/24/94
3.233B	RX LEVEL XMITTER DPT42-N004A FAILS LOW	S	01/24/94
3.233C	RX LEVEL XMITTER DPT42-N004B FAILS LOW	S	01/24/94
3.233D	RX LEVEL XMITTER DPT42-N004B FAILS LOW	S	01/24/94
3.233E	RX LEVEL XMITTER DPT42-N004C FAILS HIGH	S	01/24/94
3.233F	RX LEVEL XMITTER DPT42-N004C FAILS LOW	S	01/24/94
3.233G	RX LEVEL XMITTER DPT42-N004D FAILS HIGH	S	01/24/94
3.233H	RX LEVEL XMITTER DPT42-N004D FAILS LOW	S	01/24/94
3.234A	RX PRESS XMITTER PT42-N078A FAILS HIGH	S	03/04/94
3.234B	RX PRESS XMITTER PT42-N078A FAILS LOW	S	03/07/94
3.234C	RX PRESS XMITTER PT42-N078B FAILS HIGH	S	03/04/94
3.234D	RX PRESS XMITTER PT42-N078B FAILS LOW	S	03/07/94
3.234E	RX PRESS XMITTER PT42-N078C FAILS HIGH	S	03/04/94
3.234F	RX PRESS XMITTER PT42-N078C FAILS LOW	S	03/07/94
3.234G	RX PRESS XMITTER PT42-N078D FAILS HIGH	S	02/04/94
3.234H	RX PRESS XMITTER PT42-N078D FAILS LOW	S	03/07/94
3.235A	RX LEVEL/PRESS RECORDER R608 FAILS	S	03/21/94
3.235B	RX LEVEL/PRESS RECORDER R609 FAILS	S	08/22/94
3.242A	FEEDWATER HEATER 15A TUBE LEAK	S	08/11/94
3.244C	REACTOR FEEDPUMP A HIGH VIBRATION	S	08/10/94
3.245B	FEEDWATER PUMP A MECHANICAL FAILURE	S	08/10/94
3.246C	REACTOR FEEDPUMP C HIGH VIBRATION	S	08/10/94
3.247A	FW LOW FLOW CONTROL VALVE FAILS OPEN	S	08/22/94
3.247B	FW LOW FLOW CONTROL VALVE FAILS CLOSED	S	08/22/94

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TEST NO	TITLE	RESULTS	TEST DATE
3.249A	RX FEEDPUMP B RECIRC VALVE FAILS OPEN	S	07/18/94
3.250B	RX FEEDPUMP C RECIRC VALVE FAILS CLOSED	S	07/23/94
3.251A	FW S/U LEVEL CONTROL VALVE FAILS OPEN	S	08/22/94
3.251B	FW S/U LEVEL CONTROL VALVE FAILS CLOSED	S	08/15/94
3.260B	NETWORK LOAD TRANSIENT DECREASE	S	07/22/94
3.263A	4KV SAFEGUARD BUS D11 FAULT	S	07/22/94
3.263B	4KV SAFEGUARD BUS D12 FAULT	S	08/09/94
3.264A	MAIN GEN OUTPUT BKR 252-10113 TRIPS	S	07/22/94
3.265B	STARTUP BUS BKR 20 TRIPS	S	08/10/94
3.267A	PLANT SERVICES LOAD CENTER 122 FAULT	S	08/09/94
3.275A	D114 SAFEGUARD 440V LOAD CENTER FAULT	S	08/09/94
3.275D	D144 SAFEGUARD 440V LOAD CENTER FAULT	S	08/09/94
3.277B	120 VAC PANEL 10Y102 FAULT	S	08/09/94
3.278B	120 VAC PANEL 10Y106 FAULT	S	08/09/94
3.278C	120 VAC PANEL 10Y109 FAULT	S	08/09/94
3.280A	120 VAC RPS & UPS BUS 1AY160 FAULT	S	08/10/94
3.282A	1FA 125/250 VDC 1AD105 FAULT	S	07/18/94
3.282B	1FB 125/250 VDC 1BD105 FAULT	S	07/19/94
3.282D	1FD 125/250 VDC 1DD105 FAULT	S	07/21/94
3.283	125/250 VDC 10D114 FAULT	S	07/19/94
3.284C	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	08/15/94
3.284G	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	S	08/15/94
3.299B	CONTROL STRUCTURE CHILLER OBK112 TRIP	S	07/19/94
3.302A	REFUEL FLOOR ISOLATION CHANNEL A	S	08/09/94
3.304A	SGTS FROM REFUEL FLR HV76-019 FAILS OPEN	S	08/08/94
3.307	RX ENCLOSURE FAILS TO ISOLATE	S	08/08/94
3.407C	RRCS ARI BOTH DIVS FAILS TO INITIATE	S	07/19/94
3.409A	CONTAINMENT INST GAS COMPRESSOR A LEAKS	S	03/21/94

TEST NO	TITLE	RESULTS	TEST DATE
3.413	CONTROL RODS FAIL TO SCRAM- BROWNS FERRY	S	07/21/94
3.414C	DISCH VOLUME SV47-1F1B1 FAILS CLOSED	S	07/19/94
3.418C	DIESEL GENERATOR 13 TRIP	S	07/18/94
3.419B	DIESEL GENERATOR 12 FAILS TO START	S	06/07/94
3.424C	BOTH INSTRUMENT AIR COMPRESSORS TRIP	S	08/10/94
3.430A	RECIRC PUMP A SEIZURE	S	08/22/94
3.430B	RECIRC PUMP B SEIZURE	S	02/03/94
3.431A	RECIRC PUMP A M/A STATION FAILS HIGH	S	08/22/94
3.431C	RECIRC PUMP B M/A STATION FAILS HIGH	S	08/22/94
3.432A	RECIRC PUMP A INCOMPLETE START SEQ	S	02/08/94
3.432B	RECIRC PUMP B INCOMPLETE START SEQ	S	02/08/94
3.433A	RECIRC PUMP A SEAL #1 FAILURE	S	03/18/94
3.434B	RECIRC PUMP B SEAL #2 FAILURE	S	08/11/94
3.435A	RECIRC PUMP A DRIVE MOTOR BREAKER TRIP	S	01/24/94
3.435B	RECIRC PUMP B DRIVE MOTOR BREAKER TRIP	S	01/24/94
3.436A	RECIRC PUMP A GEN FIELD BREAKER TRIP	S	01/24/94
3.436B	RECIRC PUMP B GEN FIELD BREAKER TRIP	S	01/24/94
3.442A	RECIRC PUMP 1A RPT BREAKER CB3A TRIP	S	01/27/94
3.442B	RECIRC PUMP 1A RPT BREAKER CB4A TRIP	S	01/27/94
3.442C	RECIRC PUMP 1A RPT BRKR CB3A & CB4A TRIP	S	01/27/94
3.443A	RECIRC PUMP 1B RPT BREAKER CB3B TRIP	S	01/31/94
3.443B	RECIRC PUMP 1B RPT BREAKER CB4B TRIP	S	01/31/94
3.443C	RECIRC PUMP 1B RPT BREAKER BOTH TRIP	S	01/31/94
3.449	HPCI TURBINE TRIP	S	07/21/94
3.451B	HPCI STEAM SUPPLY HV55-1F002 ISOLATES	S	07/19/94
3.457A	RCIC SPEED CONT FAILS HIGH	S	07/21/94
3.459B	RCIC STEAM SUPPLY HV49-1F007 ISOLATES	S	07/21/94
3.462	RCIC COOLING WATER VLV 1F046 FAILS AS IS	S	07/11/94

TEST NO	TITLE	RESULTS	TEST DATE
3.471A	DRYWELL AREA UNIT COOLER FAN 1A1 TRIP	S	08/03/94
3.471B	DRYWELL AREA UNIT COOLER FAN 1B1 TRIP	S	08/03/94
3.471C	DRYWELL AREA UNIT COOLER FAN 1C1 TRIP	S	08/03/94
3.471D	DRYWELL AREA UNIT COOLER FAN 1D1 TRIP	S	08/03/94
3.471E	DRYWELL AREA UNIT COOLER FAN 1E1 TRIP	S	08/03/94
3.471F	DRYWELL AREA UNIT COOLER FAN 1F1 TRIP	S	08/03/94
3.471G	DRYWELL AREA UNIT COOLER FAN 1G1 TRIP	S	08/03/94
3.471H	DRYWELL AREA UNIT COOLER FAN 1H1 TRIP	S	08/03/94
3.472A	DRYWELL AREA UNIT COOLER FAN 1A2 TRIP	S	08/04/94
3.472B	DRYWELL AREA UNIT COOLER FAN 1B2 TRIP	S	08/04/94
3.472C	DRYWELL AREA UNIT COOLER FAN 1C2 TRIP	S	08/04/94
3.472D	DRYWELL AREA UNIT COOLER FAN 1D2 TRIP	S	08/04/94
3.472E	DRYWELL AREA UNIT COOLER FAN 1E2 TRIP	S	08/04/94
3.472F	DRYWELL AREA UNIT COOLER FAN 1F2 TRIP	S	08/04/94
3.472G	DRYWELL AREA UNIT COOLER FAN 1G2 TRIP	S	08/04/94
3.472H	DRYWELL AREA UNIT COOLER FAN 1H2 TRIP	S	08/04/94
3.473	DRYWELL AIR LEAK TO REACTOR ENCLOSURE	S	08/23/94
3.474	SUPP POOL AIR LEAK TO REACTOR ENCLOSURE	S	08/23/94
3.475	PRIMARY CONTAINMENT HYDROGEN DETONATION	S	03/09/94
3.482A	DW CHILLER 1AK111 TRIP	S	03/18/94
3.483C	RECW PUMP TRIP (BOTH)	S	07/11/94
3.484C	TECW PUMPS TRIP (BOTH)	S	08/15/94
3.488A	SERVICE WATER PUMP A TRIPS	S	07/11/94
3.488B	SERVICE WATER PUMP B TRIPS	S	07/11/94
3.488C	SERVICE WATER PUMP C TRIPS	S	07/11/94
3.489C	ESW PUMP C TRIPS	S	07/14/94
3.490D	ESW VLV HV11-047 FAILS TO AUTO SWAP	S	07/14/94
3.490H	ESW VLV HV11-074 FAILS TO AUTO SWAP	S	07/19/94



TEST NO	TITLE	RESULTS	TEST DATE
3.492D	RHR SERVICE WATER PUMP D TRIPS	S	07/21/94
3.500A	JET PUMP NO. 1 DISPLACED MIXER	S	02/24/94
3.500B	JET PUMP NO. 16 DISPLACED MIXER	S	02/24/94
3.501A	JET PUMP NO. 7/8 PLUGGED RISER	S	02/24/94
3.501B	JET PUMP NO. 19/20 PLUGGED RISER	S	03/09/94
3.502A	JET PUMP NO. 13 BROKEN INSTRUMENT LINE	S	02/13/94
3.502B	JET PUMP NO. 5 BROKEN INSTRUMENT LINE	S	03/09/94
3.503A	JET PUMP NO. 17/18 RISER BREAK	S	02/27/94
3.503B	JET PUMP NO. 9/10 RISER BREAK	S	03/12/94
3.504A	RECIRC PUMP 1A SHAFT FAILURE	S	02/08/94
3.504B	RECIRC PUMP 1B SHAFT FAILURE	S	02/28/94
3.505A	RECIRC PUMP A HIGH RUNBACK	S	01/25/94
3.505B	RECIRC PUMP A LOW RUNBACK	S	01/25/94
3.506A	RECIRC PUMP B HIGH RUNBACK	S	01/25/94
3.506B	RECIRC PUMP B LOW RUNBACK	S	01/25/94
3.510	PRIMARY CONTAINMENT OXYGEN INCREASES	S	02/28/94
3.511	PRIMARY CONTAINMENT HYDROGEN INCREASES	S	02/28/94
3.515A	FW HEATER 12A DRAIN VALVE FAILS OPEN	S	03/16/94
3.515B	FW HEATER 13A DRAIN VALVE FAILS OPEN	S	02/03/94
3.515C	FW HEATER 14A DRAIN VALVE FAILS OPEN	S	02/07/94
3.515D	FW HEATER 15A DRAIN VALVE FAILS OPEN	S	02/28/94
3.515E	FW HEATER 16A DRAIN VALVE FAILS OPEN	S	02/28/94
3.516A	FW HEATER 12A DRAIN VALVE FAILS CLOSED	S	02/28/94
3.516B	FW HEATER 13A DRAIN VALVE FAILS CLOSED	S	02/03/94
3.516C	FW HEATER 14A DRAIN VALVE FAILS CLOSED	S	03/16/94
3.516D	FW HEATER 15A DRAIN VALVE FAILS CLOSED	S	02/28/94
3.516E	FW HEATER 16A DRAIN VALVE FAILS CLOSED	S	02/03/94
3.517A	FW HEATER 12B DRAIN VALVE FAILS OPEN	S	03/02/94



TEST NO	TITLE	RESULTS	TEST DATE
3.517B	FW HEATER 13B DRAIN VALVE FAILS OPEN	S	03/02/94
3.517C	FW HEATER 14B DRAIN VALVE FAILS OPEN	S	03/02/94
3.517D	FW HEATER 15B DRAIN VALVE FAILS OPEN	S	03/02/94
3.517E	FW HEATER 16B DRAIN VALVE FAILS OPEN	S	02/02/94
3.518A	FW HEATER 12B DRAIN VALVE FAILS CLOSED	S	08/16/94
3.518B	FW HEATER 13B DRAIN VALVE FAILS CLOSED	S	08/16/94
3.518C	FW HEATER 14B DRAIN VALVE FAILS CLOSED	S	08/16/94
3.518D	FW HEATER 15B DRAIN VALVE FAILS CLOSED	S	08/16/94
3.518E	FW HEATER 16B DRAIN VALVE FAILS CLOSED	S	02/03/94
3.519A	FW HEATER 12C DRAIN VALVE FAILS OPEN	S	08/16/94
3.519B	FW HEATER 13C DRAIN VALVE FAILS OPEN	S	08/16/94
3.519C	FW HEATER 14C DRAIN VALVE FAILS OPEN	S	08/16/94
3.519D	FW HEATER 15C DRAIN VALVE FAILS OPEN	S	02/07/94
3.519E	FW HEATER 16C DRAIN VALVE FAILS OPEN	S	08/17/94
3.520A	FW HEATER 12C DRAIN VALVE FAILS CLOSED	S	08/17/94
3.520B	FW HEATER 13C DRAIN VALVE FAILS CLOSED	S	08/18/94
3.520C	FW HEATER 14C DRAIN VALVE FAILS CLOSED	S	08/18/94
3.520D	FW HEATER 15C DRAIN VALVE FAILS CLOSED	S	02/07/94
3.520E	FW HEATER 16C DRAIN VALVE FAILS CLOSED	S	08/18/94
3.521A	FW HEATER 12A DUMP VALVE FAILS OPEN	S	03/16/94
3.521B	FW HEATER 13A DUMP VALVE FAILS OPEN	S	02/04/94
3.521C	FW HEATER 14A DUMP VALVE FAILS OPEN	S	02/07/94
3.521D	FW HEATER 15A DUMP VALVE FAILS OPEN	S	03/17/94
3.521E	FW HEATER 16A DUMP VALVE FAILS OPEN	S	03/17/94
3.522A	FW HEATER 12A DUMP VALVE FAILS CLOSED	S	03/17/94
3.522B	FW HEATER 13A DUMP VALVE FAILS CLOSED	S	02/04/94
3.522C	FW HEATER 14A DUMP VALVE FAILS CLOSED	S	02/07/94
3.522D	FW HEATER 15A DUMP VALVE FAILS CLOSED	S	03/17/94

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3.522E	FW HEATER 16A DUMP VALVE FAILS CLOSED	S	03/17/94
3.523A	FW HEATER 12B DUMP VALVE FAILS OPEN	S	08/18/94
3.523B	FW HEATER 13B DUMP VALVE FAILS OPEN	S	09/01/94
3.523C	FW HEATER 14B DUMP VALVE FAILS OPEN	S	09/01/94
3.523D	FW HEATER 15B DUMP VALVE FAILS OPEN	S	09/01/94
3.523E	FW HEATER 16B DUMP VALVE FAILS OPEN	S	02/03/94
3.524A	FW HEATER 12B DUMP VALVE FAILS CLOSED	S	09/01/94
3.524B	FW HEATER 13B DUMP VALVE FAILS CLOSED	S	09/01/94
3.524C	FW HEATER 14B DUMP VALVE FAILS CLOSED	S	09/01/94
3.524D	FW HEATER 15B DUMP VALVE FAILS CLOSED	S	09/01/94
3.524E	FW HEATER 16B DUMP VALVE FAILS CLOSED	S	02/03/94
3.525A	FW HEATER 12C DUMP VALVE FAILS OPEN	S	09/01/94
3.525B	FW HEATER 13C DUMP VALVE FAILS OPEN	S	09/01/94
3.525D	FW HEATER 15C DUMP VALVE FAILS OPEN	S	02/07/94
3.526A	FW HEATER 12C DUMP VALVE FAILS CLOSED	S	09/01/94
3.526D	FW HEATER 15C DUMP VALVE FAILS CLOSED	S	02/07/94
3.527A	STEAM LEAK DET NUMAC TIS25-101A FAILS	S	08/04/94
3.527B	STEAM LEAK DET NUMAC TIS25-101B FAILS	S	08/04/94
3.527C	STEAM LEAK DET NUMAC TIS25-101C FAILS	S	08/04/94
3.527D	STEAM LEAK DET NUMAC TIS25-101D FAILS	S	08/04/94
3.528A	RHR CNTMNT SPRAY VALVE F016A FAILS AS-IS	S	08/22/94
3.528B	RHR CNTMNT SPRAY VALVE F016B FAILS AS-IS	S	08/22/94
3.528C	RHR CNTMNT SPRAY VALVE F021A FAILS AS-IS	S	08/22/94
3.528D	RHR CNTMNT SPRAY VALVE F021B FAILS AS-IS	S	08/22/94
3.529A	RX PRESS XMITTER PT42-103A FAILS HIGH	S	09/29/94
3.529B	RX PRESS XMITTER PT42-103A FAILS LOW	S	09/29/94
3.529C	RX PRESS XMITTER PT42-103B FAILS HIGH	S	09/29/94
3.529D	RX PRESS XMITTER PT42-103B FAILS LOW	S	09/29/94

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TEST NO	TITLE	RESULTS	TEST DATE
5.02A	RECIRC LOOP A RUPTURE PERFORMANCE TEST	S	04/03/94
5.04B	SRV OPENS AT RATED POWER	S	06/21/94
5.05	TOTAL LOSS OF INSTRUMENT AIR	S	04/29/94
5.06A	LOSS O/S PWR AT STARTUP TEST CONDITIONS	S	04/11/94
5.06B	LOSS O/S POWER AT RATED POWER CONDITIONS	S	04/08/94
5.07	LOSS OF EMERGENCY POWER	S	04/07/94
5.07A	LOSS OF SAFEGUARD BUS D11 (EMERG POWER)	S	04/07/94
5.07B	LOSS OF SAFEGUARD BUS D12 (EMERG POWER)	S	04/03/94
5.07C	LOSS OF SAFEGUARD BUS D13 (EMERG POWER)	S	04/28/94
5.07D	LOSS OF SAFEGUARD BUS D14 (EMERG POWER)	S	04/29/94
5.08	LOSS OF EMERGENCY GENERATORS	S	06/07/94
5.10A	LOSS OF 120 VAC INSTRUMENT BUS 10Y101	S	04/29/94
5.10B	LOSS OF 120 VAC INSTRUMENT BUS 10Y102	S	04/25/94
5.10C	LOSS OF 120 VAC INSTRUMENT BUS 10Y103	S	04/29/94
5.10D	LOSS OF 120 VAC INSTRUMENT BUS 10Y104	S	04/29/94
5.10E	LOSS OF 120 VAC INSTRUMENT BUS 10Y105	S	04/03/94
5.10F	LOSS OF 120 VAC INSTRUMENT BUS 10Y106	S	04/03/94
5.10G	LOSS OF 120 VAC INSTRUMENT BUS 10Y109	S	04/29/94
5.10H	LOSS OF 120 VAC INSTRUMENT BUS 10Y110	S	04/29/94
5.10J	LOSS OF 120 VAC INSTRUMENT BUS 10Y201	S	06/24/94
5.10L	LOSS OF 120 VAC RPS/UPS BUS 1AY160	S	04/25/94
5.11A	LOSS OF 125/250 VDC BUS 1AD105	S	04/27/94
5.11B	LOSS OF 125/250 VDC BUS 1BD105	S	04/28/94
5.11C	LOSS OF 125/250 VDC BUS 1CD105	S	04/28/94
5.11D	LOSS OF 125/250 VDC BUS 1DD015	S	04/27/94
5.11E	LOSS OF 125/250 VDC BUS 1DD114	S	04/27/94
5.13B	MAIN CONDENSER AIR LEAK AT HIGH SEVERITY	S	04/24/94
5.14	TOTAL LOSS OF SERVICE WATER	S	06/22/94

TEST NO	TITLE	RESULTS	TEST DATE
5.15	LOSS OF SHUTDOWN COOLING	S	06/14/94
5.16A	COMPLETE LOSS OF RX ENCL COOLING WATER	S	06/22/94
5.16B	COMPLETE LOSS OF TURB ENCL COOLING WATER	S	06/22/94
5.17A	TRIP OF ONE REACTOR FEEDWATER PUMP	S	04/11/94
5.17B	TRIP OF TWO REACTOR FEEDWATER PUMPS	S	04/11/94
5.17D	FW MASTER LVL CONTROLLER FAILS HIGH	S	06/24/94
5.17F	TRIP OF ONE CONDENSATE PUMP	S	06/23/94
5.18	LOSS OF ALL FW RESULTING IN ADS BLOWDOWN	S	04/12/94
5.23	MAIN TURBINE - GENERATOR TRIP	S	04/12/94
5.25A	RECIRC PUMP M/A STATION FAILS HIGH	S	06/23/94
5.25C	HPCI INADVERTANT INITIATION	S	06/21/94
5.28	MAIN STEAM LINE BREAK OUTSIDE DRYWELL	S	06/23/94
5.29A	MAIN FEED LINE A BREAK INSIDE DRYWELL	S	08/16/94
5.29B	MAIN FEED LINE B BREAK INSIDE DRYWELL	S	08/16/94
5.32A	RX INST LINE BREAK DOWNSTREAM OF F045A	S	04/13/94
5.32B	RX INST LINE BREAK DOWNSTREAM OF F047A	S	04/13/94
5.32C	RX INST LINE BREAK DOWNSTREAM OF F065A	S	04/13/94
5.32D	RX INST LINE BREAK DOWNSTREAM OF F045D	S	04/13/94
5.34A	RPS AND ARI FAIL TO SCRAM REACTOR	S	04/14/94
5.34B	TURBINE TRIP WITH ATWS (BROWN'S FERRY)	S	04/14/94
5.34C	MSIV CLOSURE WITH ATWS (BROWN'S FERRY)	S	04/08/94
5.35A	ENC PRESSURE REGULATOR FAILS HIGH	S	04/06/94
5.35C	ALL TURBINE BYPASS VALVES FAIL OPEN	S	04/03/94
5.35D	TURBINE TRIP WITH BYPASS VLVS FAIL CLOSED	S	06/23/94
6.01	PLANT S/U COLD TO HOT STANDBY	S	03/11/94
6.02	NUCLEAR S/U FROM HOT STANDBY TO RTD PWR.	S	03/14/94
6.03	RX TRIP FOLLOWED BY RECOVERY TO RTD PWR.	S	03/16/94
6.04	LOAD CHANGES	S	03/16/94

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TEST NO	TITLE	RESULTS	TEST DATE
6.06	PLT S/D FROM RTD PWR TO HOT STANDBY	S	03/17/94
6.07	COOLDOWN TO COLD SHUTDOWN COND.	S	03/18/94
6.08	SHUTDOWN MARGIN DEMONSTRATION	S	03/17/94
6.09A	RHR SURVEILLANCE TESTING	S	04/11/94
6.09B	CORE SPRAY SURVEILLANCE TESTING	S	04/11/94
6.09C	DIESEL GENERATOR SURVEILLANCE TESTING	S	04/11/94
6.09D	RHR SERV WTR SURVEILLANCE TESTING	S	04/11/94
6.09E	EMERG SERV WTR SURVEILLANCE TESTING	S	04/11/94
6.09F	RX VESSEL VALVE TEST	S	04/11/94
6.09G	MAIN STEAM VALVE TEST	S	04/11/94
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	S	06/21/94
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	S	06/21/94
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	S	04/24/94
6.13A	HPCI SYS CST TO CST @ RTD PRESSURE	S	06/30/94
6.13C	HPCI SYS INJ TO RPV @ RTD PRESSURE	S	06/30/94
6.14	FEEDWATER CONTROL LEVEL SETPOINT CHANGES	S	06/30/94
6.15A	RCIC SYS CST TO CST @ RATED PRESSURE	S	06/30/94
6.15C	RCIC SYS INJ TO RPV @ RTD PRESSURE	S	06/30/94
7.01	MANUAL SCRAM	S	04/04/94
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	S	04/24/94
7.03A	CLOSURE OF ALL MSIV'S @ 100% POWER	S	04/08/94
7.03B	CLOSURE OF ALL MSIV'S @ STARTUP TEST	S	05/31/94
7.04A	DUAL RECIRC PUMP TRIP AT 100% POWER	S	06/14/94
7.04B	DUAL RECIRC PUMP TRIP @ STARTUP TEST	S	05/31/94
7.05	SINGLE RECIRC PUMP TRIP	S	04/27/94
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	S	06/14/94
7.07	MAXIMUM RATE POWER RAMP	S	06/07/94
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	S	04/07/94



TEST NO	TITLE	RESULTS	TEST DATE
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	S	04/04/94
7.10	BWR TMI EQUIVALENT SCENARIO	S	04/14/94
8.026	EHC PRESSURE CONTROLLER RANGE	S	01/25/94
8.029	RECIRC PUMP A SCOOP TUBE POSITIONER PWR	S	03/14/94
8.030	RECIRC PUMP B SCOOP TUBE POSITIONER PWR	S	08/23/94
8.043	T-200 SUPP POOL VENT 6 INCH ILRT LINE	S	03/21/94
8.075	A LVL OUT OF SERVICE SWITCH (C32-S6)	S	08/22/94
8.076	B LVL OUT OF SERVICE SWITCH (C32-S7)	S	08/22/94
8.147	RX ENCL TO SGTS ISOL DMPR SGD76-206-1	S	08/09/94
8.148	RX ENCL TO SGTS ISOL DMPR SGD76-206-3	S	08/19/94
8.189	DW/SUPP POOL VAC RELIEF VLVS TEST SW	S	03/21/94
8.235	PRIMARY CONTAINMENT WATER ADDITION	S	02/10/94
8.250	T-209 RCIC INJECTION OF SLC	S	03/18/94
8.251	RECIRC PUMP A SCOOP TUBE MANUAL OPER	S	03/13/94
8.252	RECIRC PUMP A SCOOP TUBE MANUAL OPER	S	03/13/94
8.256	HI / LO TURBINE PMG RESET	S	08/22/94
8.257	SELECT INSERVICE SJAE HSS07-165	S	08/23/94
8.259	1A DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.260	1B DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.261	1C DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.262	1D DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.263	1E DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.264	1F DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.265	1G DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.266	1H DEEP BED DEMIN IN/OUT OF SERVICE	S	08/23/94
8.267	T-225 FIRE WATER CROSSTIE TO RHR	S	08/30/94



LGS SIMULATOR TESTING  
TO BE PERFORMED IN 1995

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TEST NO	TITLE	TESTING DATE COMMITMENT
1.01	COMPUTER REAL TIME TEST	12/31/95
3.003A	CORE POWER OSCILLATIONS (IN-PHASE)	12/31/95
3.004A	APRM CHAN A RECORDER FAILS AS-IS	12/31/95
3.004B	APRM CHAN A FAILS IHOP	12/31/95
3.009A	APRM CHAN F RECORDER FAILS AS-IS	12/31/95
3.011A	RBM CHAN B RECORDER FAILS AS-IS	12/31/95
3.012A	LPRM 56-17B UPSCALE FAILURE	12/31/95
3.012E	LPRM 40-33B UPSCALE FAILURE	12/31/95
3.013A	LPRM 24-33D DOWNSCALE FAILURE	12/31/95
3.013E	LPRM 48-49D DOWNSCALE FAILURE	12/31/95
3.015A	LPRM 16-41B DRIFT (-25 TO +25)	12/31/95
3.016A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	12/31/95
3.016B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	12/31/95
3.016C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	12/31/95
3.016D	CONTROL ROD XX-YY FAILURE (STUCK)	12/31/95
3.016E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	12/31/95
3.016F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	12/31/95
3.016G	CONTROL ROD XX-XX FAILS TO SCRAM	12/31/95
3.020A	APRM CHANNEL A FAILS 0-125%	12/31/95
3.020E	APRM CHANNEL E FAILS 0-125%	12/31/95
3.027A	LOSS OF NORMAL POWER TO RPS CHANNEL A	12/31/95
3.028A	REACTOR SCRAM (FULL)	12/31/95
3.028B	REACTOR SCRAM (BANK 1)	12/31/95
3.029C	RPS FAILS TO SCRAM (CHAN A)	12/31/95
3.044A	FW PUMP A CONTROLLER OUTPUT FAILS HIGH	12/31/95
3.045B	FW PUMP B CONTROLLER OUTPUT FAILS LOW	12/31/95
3.046A	STEAM FLOW XMITTER 1N003A FAILS 0-100%	12/31/95
3.047C	FW FLOW XMITTER 1N002C FAILS 0-100%	12/31/95

TEST NO	TITLE	TESTING DATE COMMITMENT
3.061A	MSIV HV41-1F022A FAILS OPEN	12/31/95
3.062A	MSIV HV41-1F028A FAILS OPEN	12/31/95
3.063A	MSIV HV41-1F022A FAILS CLOSED	12/31/95
3.064A	MSIV HV41-1F028A FAILS CLOSED	12/31/95
3.069	STM SEAL EVAP STM OUTLET FAILS CLOSED	12/31/95
3.072A	SJAE STM SUPPLY PCV07-101A FAILS CLOSED	12/31/95
3.073	FW CONDUCTIVITY INCREASE (1-100%)	12/31/95
3.077B	HOTWELL LEVEL CONTROLLER FAILS LOW	12/31/95
3.079A	COND FILTER/DEMIN A HI DIFF PRESSURE	12/31/95
3.079E	COND FILTER/DEMIN E HI DIFF PRESSURE	12/31/95
3.080A	CONDENSATE RECIRC VALVE FAILS OPEN	12/31/95
3.086A	CIRCULATING WATER PUMP A TRIP	12/31/95
3.096	GEN HYDROGEN COOLING SYSTEM LEAK	12/31/95
3.099C	BOTH STATOR COOLING WATER PUMPS TRIP	12/31/95
3.104A	TURBINE CONTROL SYSTEM FAILS HIGH	12/31/95
3.105C	EHC PRESSURE REGULATOR A OSCILLATES	12/31/95
3.107A	BYPASS VALVE NO. 1 STICKS OPEN	12/31/95
3.107E	BYPASS VALVE NO. 5 STICKS OPEN	12/31/95
3.108	BYPASS VALVES FAIL TO SELECTED VALUE	12/31/95
3.111B	EHC LOAD SELECTOR FAILS TO REMOTE	12/31/95
3.113	HIGH RAD LEVEL IN SERVICE WTR	12/31/95
3.115AA	DRAWER INOP RX ENCLOSURE VENT EXH CHAN A	12/31/95
3.115AE	DRAWER INOP REFUEL FLOOR VENT EXH CHAN A	12/31/95
3.115AJ	DRAWER INOP POST LOCA MONITOR CHAN A	12/31/95
3.115D	DRAWER INOP WIDE RANGE ACCIDENT MONITOR	12/31/95
3.115H	DRAWER INOP RADWASTE ENCLOSURE RAD MON	12/31/95
3.115M	DRWR INOP UNIT 1 CONTAINMENT LEAK DETECT	12/31/95
3.115R	DRAWER INOP AIR EJECTOR/OFFGAS CHAN B	12/31/95

TEST NO	TITLE	TESTING DATE COMMITMENT
3.115RC	DRAWER INOP RHRSW HX 1A OUTLET	12/31/95
3.115T	DRAWER INOP MAIN STEAM LINE CHAN A	12/31/95
3.116	FUEL CLADDING FAILURE	12/31/95
3.137A	ADS/SRV 1F013A FAILS - LEAKS	12/31/95
3.137B	ADS/SRV 1F013A FAILS - STUCK	12/31/95
3.137C	ADS/SRV 1F013A FAILS - OPEN ELECT	12/31/95
3.137D	ADS/SRV 1F013A FAILS - CLOSED	12/31/95
3.137E	ADS/SRV 1F013A FAILS - OPEN MECH	12/31/95
3.141A	ADS/SRV 1F013E FAILS - LEAKS	12/31/95
3.141B	ADS/SRV 1F013E FAILS - STUCK	12/31/95
3.141C	ADS/SRV 1F013E FAILS - OPEN ELECT	12/31/95
3.141D	ADS/SRV 1F013E FAILS - CLOSED	12/31/95
3.141E	ADS/SRV 1F013E FAILS - OPEN MECH	12/31/95
3.145A	ADS/SRV 1F013J FAILS - LEAKS	12/31/95
3.145B	ADS/SRV 1F013J FAILS - STUCK	12/31/95
3.145C	ADS/SRV 1F013J FAILS - OPEN ELECT	12/31/95
3.145D	ADS/SRV 1F013J FAILS - CLOSED	12/31/95
3.145E	ADS/SRV 1F013J FAILS - OPEN MECH	12/31/95
3.149C	ADS/SRV 1F013N FAILS - OPEN ELECT	12/31/95
3.150B	ADS/SRV 1F013S FAILS - STUCK	12/31/95
3.151A	SRV 1F013K DOWNCOMER LEAK 0-100%	12/31/95
3.156A	NSSSS GROUP 1A INADVERTENT ISOLATION	12/31/95
3.156E	NSSSS GROUP 1E INADVERTENT ISOLATION	12/31/95
3.157A	NSSSS GROUP 2A INADVERTENT ISOLATION	12/31/95
3.157E	NSSSS GROUP 2E INADVERTENT ISOLATION	12/31/95
3.159A	NSSSS GROUP 6A INADVERTENT ISOLATION	12/31/95
3.159E	NSSSS GROUP 6E INADVERTENT ISOLATION	12/31/95
3.160C	NSSSS GROUP 7C INADVERTENT ISOLATION	12/31/95

TEST NO	TITLE	TESTING DATE COMMITMENT
3.162A	SEC CON & PCIG A INADVERTENT ISOL	12/31/95
3.162F	SEC CON & PCIG F INADVERTENT ISOL	12/31/95
3.166B	OFFGAS AFTERCOND LEVEL XMTR FAILS LOW	12/31/95
3.168C	OFFGAS CHILLER GLYCOL PUMP TRIP (BOTH)	12/31/95
3.171A	RHR PUMP A TRIP	12/31/95
3.172A	RHR PUMP 1A FAILS TO AUTO START	12/31/95
3.174A	RHR INJECTION VALVE 1F017A FAILS AS IS	12/31/95
3.175A	RHR PUMP SUCTION VALVE F004A FAILS AS IS	12/31/95
3.176C	RHR SDC SUCTION VALVE 1F008 FAILS AS IS	12/31/95
3.177A	RHR HX A BYPASS CONTROLLER FAILS HIGH	12/31/95
3.182A	CORE SPRAY PUMP A TRIPS	12/31/95
3.183A	CORE SPRAY PUMP A FAILS TO AUTO START	12/31/95
3.184A	CORE SPRAY INBD VALVE 1F005 FAILS AS IS	12/31/95
3.189C	REACTOR WATER CLEANUP PUMP C TRIPS	12/31/95
3.192	REACTOR VESSEL CONDUCTIVITY INCREASES	12/31/95
3.195B	RWCU ISOL VALVE HV44-1F004 FAILS AS IS	12/31/95
3.198B	SLC PUMP B LOSS OF CONTROL POWER	12/31/95
3.201A	SRM CHANNEL A RECORDER FAILS AS-IS	12/31/95
3.201B	SRM CHANNEL A FAILS INOPERATIVE	12/31/95
3.201C	SRM CHANNEL A DETECTOR STUCK	12/31/95
3.205A	IRM CHANNEL A RECORDER FAILS AS-IS	12/31/95
3.205B	IRM CHANNEL A FAILS INOPERATIVE	12/31/95
3.205C	IRM CHANNEL A DETECTOR STUCK	12/31/95
3.209A	IRM CHANNEL E RECORDER FAILS AS-IS	12/31/95
3.209B	IRM CHANNEL E FAILS INOPERATIVE	12/31/95
3.209C	IRM CHANNEL E DETECTOR STUCK	12/31/95
3.213A	SRM CHANNEL A FAILS TO SELECTED VALUE	12/31/95
3.214A	IRM CHANNEL A FAILS TO SELECTED VALUE	12/31/95



TEST NO	TITLE	TESTING DATE COMMITMENT
3.214E	IRM CHANNEL E FAILS TO SELECTED VALUE	12/31/95
3.217A	RBM CHANNEL A FAILS TO SELECTED VALUE	12/31/95
3.227B	RX INSTRUMENT LINE BREAK AFTER 42-F043B	12/31/95
3.229B	RX INSTRUMENT LINE BREAK AFTER 42-F049B	12/31/95
3.231B	RX INSTRUMENT LINE BREAK AFTER 42-F045B	12/31/95
3.232A	RX LEVEL XMITTER LT42-N080A FAILS HIGH	12/31/95
3.232B	RX LEVEL XMITTER LT42-N080A FAILS LOW	12/31/95
3.233A	RX LEVEL XMITTER DPT42-N004A FAILS HIGH	12/31/95
3.233B	RX LEVEL XMITTER DPT42-N004A FAILS LOW	12/31/95
3.234A	RX PRESS XMITTER PT42-N078A FAILS HIGH	12/31/95
3.234B	RX PRESS XMITTER PT42-N078A FAILS LOW	12/31/95
3.235B	RX LEVEL/PRESS RECORDER R609 FAILS	12/31/95
3.236A	REFERENCE LEG 1D004A FLASHES	12/31/95
3.237A	REFERENCE LEG 1D004A LEVEL DEFECT	12/31/95
3.237F	ALL REFERENCE LEGS LEVEL DEFECT	12/31/95
3.242A	FEEDWATER HEATER 15A TUBE LEAK	12/31/95
3.244B	FEEDWATER PUMP A MECHANICAL FAILURE	12/31/95
3.245C	REACTOR FEEDPUMP B HIGH VIBRATION	12/31/95
3.247A	FW LOW FLOW CONTROL VALVE FAILS OPEN	12/31/95
3.249A	RX FEEDPUMP B RECIRC VALVE FAILS OPEN	12/31/95
3.251A	FW S/U LEVEL CONTROL VALVE FAILS OPEN	12/31/95
3.252A	FW LINE A RUPTURE INSIDE DRYWELL	12/31/95
3.260A	NETWORK LOAD TRANSIENT INCREASE	12/31/95
3.262B	13.2KV 12 UNIT AUX BUS FAULT	12/31/95
3.263A	4KV SAFEGUARD BUS D11 FAULT	12/31/95
3.265A	STARTUP BUS BKR 10 TRIPS	12/31/95
3.270A	114A GEN AREA 440V LOAD CENTER FAULT	12/31/95
3.270B	124A GEN AREA 440V LOAD CENTER FAULT	12/31/95



TEST NO	TITLE	TESTING DATE COMMITMENT
3.275A	D114 SAFEGUARD 440V LOAD CENTER FAULT	12/31/95
3.277A	120 VAC PANEL 10Y101 FAULT	12/31/95
3.278A	120 VAC PANEL 10Y105 FAULT	12/31/95
3.278C	120 VAC PANEL 10Y109 FAULT	12/31/95
3.282A	1FA 125/250 VDC 1AD105 FAULT	12/31/95
3.283	125/250 VDC 10D114 FAULT	12/31/95
3.284A	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/95
3.284E	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/95
3.301A	RX ENCLOSURE ISOLATION CHANNEL A	12/31/95
3.304A	SGTS FROM REFUEL FLR HV76-019 FAILS OPEN	12/31/95
3.306	REFUEL FLOOR FAILS TO ISOLATE	12/31/95
3.406A	RRCS DIVISION 1 LOSS OF DC POWER	12/31/95
3.406C	RRCS LOSS OF DC POWER TO BOTH DIVISIONS	12/31/95
3.409A	CONTAINMENT INST GAS COMPRESSOR A LEAKS	12/31/95
3.410C	CIG ISOL VLVS 129A/B BOTH FAIL CLOSED	12/31/95
3.412A	CONTROL ROD DRIVE PUMP A TRIPS	12/31/95
3.414A	DISCH VOLUME SV47-1F180 FAILS CLOSED	12/31/95
3.418A	DIESEL GENERATOR 11 TRIP	12/31/95
3.419A	DIESEL GENERATOR 11 FAILS TO START	12/31/95
3.424A	INSTRUMENT AIR COMPRESSOR 1AK101 TRIP	12/31/95
3.430B	RECIRC PUMP B SEIZURE	12/31/95
3.431A	RECIRC PUMP A M/A STATION FAILS HIGH	12/31/95
3.433A	RECIRC PUMP A SEAL #1 FAILURE	12/31/95
3.435A	RECIRC PUMP A DRIVE MOTOR BREAKER TRIP	12/31/95
3.440B	RECIRC LOOP B RUPTURE (0-100%)	12/31/95
3.442A	RECIRC PUMP 1A RPT BREAKER CB3A TRIP	12/31/95
3.445	HPCI STEAM LINE BREAK IN PUMP RM 1-100%	12/31/95
3.447A	HPCI AUX OIL PUMP FAILS TO AUTO START	12/31/95

TEST NO	TITLE	TESTING DATE COMMITMENT
3.449	HPCI TURBINE TRIP	12/31/95
3.452	HPCI PUMP DISCH VALVE 1F006 FAILS AS IS	12/31/95
3.456	RCIC FAILS TO AUTO START	12/31/95
3.459A	RCIC STEAM SUPPLY HV49-1F008 ISOLATES	12/31/95
3.462	RCIC COOLING WATER VLV 1F046 FAILS AS IS	12/31/95
3.464C	RCIC ISOL VLV HV49-1F076 FAILS AS-IS	12/31/95
3.471A	DRYWELL AREA UNIT COOLER FAN 1A1 TRIP	12/31/95
3.471E	DRYWELL AREA UNIT COOLER FAN 1E1 TRIP	12/31/95
3.472A	DRYWELL AREA UNIT COOLER FAN 1A2 TRIP	12/31/95
3.472E	DRYWELL AREA UNIT COOLER FAN 1E2 TRIP	12/31/95
3.474	SUPP POOL AIR LEAK TO REACTOR ENCLOSURE	12/31/95
3.483A	RECW PUMP TRIP (A)	12/31/95
3.483C	RECW PUMP TRIP (BOTH)	12/31/95
3.488B	SERVICE WATER PUMP B TRIPS	12/31/95
3.489A	ESW PUMP A TRIPS	12/31/95
3.490A	ESW VLV HV11-121 FAIL TO AUTO SWAP	12/31/95
3.490E	ESW VLV HV11-055A FAILS TO AUTO SWAP	12/31/95
3.492A	RHR SERVICE WATER PUMP A TRIPS	12/31/95
3.493B	FAILURE OF RHRSW HX B INLET VALVE	12/31/95
3.500A	JET PUMP NO. 1 DISPLACED MIXER	12/31/95
3.502A	JET PUMP NO. 13 BROKEN INSTRUMENT LINE	12/31/95
3.505A	RECIRC PUMP A HIGH RUNBACK	12/31/95
3.511	PRIMARY CONTAINMENT HYDROGEN INCREASES	12/31/95
3.515C	FW HEATER 14A DRAIN VALVE FAILS OPEN	12/31/95
3.516B	FW HEATER 13A DRAIN VALVE FAILS CLOSED	12/31/95
3.517A	FW HEATER 12B DRAIN VALVE FAILS OPEN	12/31/95
3.517E	FW HEATER 16B DRAIN VALVE FAILS OPEN	12/31/95
3.518D	FW HEATER 15B DRAIN VALVE FAILS CLOSED	12/31/95

TEST NO	TITLE	TESTING DATE COMMITMENT
3.519C	FW HEATER 14C DRAIN VALVE FAILS OPEN	12/31/95
3.520B	FW HEATER 13C DRAIN VALVE FAILS CLOSED	12/31/95
3.521A	FW HEATER 12A DUMP VALVE FAILS OPEN	12/31/95
3.521E	FW HEATER 16A DUMP VALVE FAILS OPEN	12/31/95
3.522D	FW HEATER 15A DUMP VALVE FAILS CLOSED	12/31/95
3.523C	FW HEATER 14B DUMP VALVE FAILS OPEN	12/31/95
3.524B	FW HEATER 13B DUMP VALVE FAILS CLOSED	12/31/95
3.525A	FW HEATER 12C DUMP VALVE FAILS OPEN	12/31/95
3.525E	FW HEATER 16C DUMP VALVE FAILS OPEN	12/31/95
3.526D	FW HEATER 15C DUMP VALVE FAILS CLOSED	12/31/95
3.527A	STEAM LEAK DET NUMAC TIS25-101A FAILS	12/31/95
3.528A	RHR CNTMNT SPRAY VALVE FD16A FAILS AS-IS	12/31/95
3.551	ADS FAILS TO INITIATE	12/31/95
5.02A	RECIRC LOOP A RUPTURE PERFORMANCE TEST	12/31/95
5.05	TOTAL LOSS OF INSTRUMENT AIR	12/31/95
5.07A	LOSS OF SAFEGUARD BUS D11 (EMERG POWER)	12/31/95
5.09A	LOSS OF NON-SAFEGUARD LOAD CENTER 114A	12/31/95
5.09E	LOSS OF NON-SAFEGUARD LOAD CENTER 124A	12/31/95
5.10A	LOSS OF 120 VAC INSTRUMENT BUS 10Y101	12/31/95
5.10E	LOSS OF 120 VAC INSTRUMENT BUS 10Y105	12/31/95
5.10G	LOSS OF 120 VAC INSTRUMENT BUS 10Y109	12/31/95
5.11A	LOSS OF 125/250 VDC BUS 1AD105	12/31/95
5.11E	LOSS OF 125/250 VDC BUS 10D114	12/31/95
5.16A	COMPLETE LOSS OF RX ENCL COOLING WATER	12/31/95
5.17C	LOSS OF FW HEATING AT STARTUP TEST COND	12/31/95
5.17G	TRIP OF TWO CONDENSATE PUMPS	12/31/95
5.22B	FUEL CLAD FAILURE AT LOW SEVERITY	12/31/95
5.25C	HPCI INADVERTANT INITIATION	12/31/95

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TESTING TO BE PERFORMED IN 1995

TEST NO	TITLE	TESTING DATE COMMITMENT
5.29A	MAIN FEED LINE A BREAK INSIDE DRYWELL	12/31/95
5.34A	RPS AND ARI FAIL TO SCRAM REACTOR	12/31/95
5.35B	EHC PRESSURE REGULATOR FAILS LOW	12/31/95
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	12/31/95
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	12/31/95
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	12/31/95
7.01	MANUAL SCRAM	01/31/95
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	12/31/95
7.03	CLOSURE OF ALL MSIVS AT RATED POWER	12/31/95
7.04	TRIP OF BOTH RECIRC PUMPS AT RATED POWER	12/31/95
7.05	SINGLE RECIRC PUMP TRIP	12/31/95
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	12/31/95
7.07	MAXIMUM RATE POWER RAMP	12/31/95
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	12/31/95
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	12/31/95
7.10	BWR TMI EQUIVALENT SCENARIO	12/31/95

LGS SIMULATOR TESTING  
TO BE PERFORMED IN 1996



LIMERICK GENERATING STATION TRAINING SIMULATOR  
TESTING TO BE PERFORMED IN 1996

TEST NO	TITLE	TESTING DATE COMMITMENT
1.01	COMPUTER REAL TIME TEST	12/31/96
3.003B	CORE POWER OSCILLATIONS (OUT-OF-PHASE)	12/31/96
3.005A	APRM CHAN B RECORDER FAILS AS-IS	12/31/96
3.005B	APRM CHAN B FAILS INOP	12/31/96
3.009B	APRM CHAN F FAILS INOP	12/31/96
3.011B	RBM CHAN B FAILS INOP	12/31/96
3.012B	LPRM 40-57B UPSCALE FAILURE	12/31/96
3.012F	LPRM 32-49C UPSCALE FAILURE	12/31/96
3.013B	LPRM 16-49A DOWNSCALE FAILURE	12/31/96
3.013F	LPRM 48-33C DOWNSCALE FAILURE	12/31/96
3.015B	LPRM 40-25A DRIFT (-25 TO +25)	12/31/96
3.017A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	12/31/96
3.017B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	12/31/96
3.017C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	12/31/96
3.017D	CONTROL ROD XX-YY FAILURE (STUCK)	12/31/96
3.017E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	12/31/96
3.017F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	12/31/96
3.017G	CONTROL ROD XX-XX FAILS TO SCRAM	12/31/96
3.020B	APRM CHANNEL B FAILS 0-125%	12/31/96
3.020F	APRM CHANNEL F FAILS 0-125%	12/31/96
3.027B	LOSS OF NORMAL POWER TO RPS CHANNEL B	12/31/96
3.028C	REACTOR SCRAM (BANK 2)	12/31/96
3.029D	RPS FAILS TO SCRAM (CHAN B)	12/31/96
3.044B	FW PUMP B CONTROLLER OUTPUT FAILS HIGH	12/31/96
3.045C	FW PUMP C CONTROLLER OUTPUT FAILS LOW	12/31/96
3.046B	STEAM FLOW XMITTER 1N003B FAILS 0-100%	12/31/96
3.061B	MSIV HV41-1F022B FAILS OPEN	12/31/96
3.062B	MSIV HV41-1F028B FAILS OPEN	12/31/96



TEST NO	TITLE	TESTING DATE COMMITMENT
3.063B	MSIV HV41-1FQ22B FAILS CLOSED	12/31/96
3.064B	MSIV HV41-1FQ2BB FAILS CLOSED	12/31/96
3.065	STM LEAK OUTSIDE PRIMARY CONTAINMENT	12/31/96
3.070	MOISTURE SEPARATOR LVL CONT FAILS LOW	12/31/96
3.071A	LOSS OF EXTRACTION STEAM TO FW HTR 16A	12/31/96
3.072B	SJAE STM SUPPLY PCV07-101B FAILS CLOSED	12/31/96
3.074	MAIN CONDENSER AIR INLEAKAGE	12/31/96
3.078A	CONDENSATE PUMP A TRIP	12/31/96
3.079B	COND FILTER/DEMIN B HI DIFF PRESSURE	12/31/96
3.079F	COND FILTER/DEMIN F HI DIFF PRESSURE	12/31/96
3.080B	CONDENSATE RECIRC VALVE FAILS CLOSED	12/31/96
3.086B	CIRCULATING WATER PUMP B TRIP	12/31/96
3.09B	MAIN TRANSFORMER LOSS OF COOLING	12/31/96
3.100	MAIN TURBINE BRG #5 & #6 HIGH VIBRATION	12/31/96
3.104B	TURBINE CONTROL SYSTEM FAILS LOW	12/31/96
3.106A	EHC PRESSURE REGULATOR B FAILS HIGH	12/31/96
3.107B	BYPASS VALVE NO. 2 STICKS OPEN	12/31/96
3.107F	BYPASS VALVE NO. 6 STICKS OPEN	12/31/96
3.109	TURBINE ACCELERATION CONTROL FAILURE	12/31/96
3.112A	EHC PUMP A TRIPS	12/31/96
3.115A	DRAWER INOP MCR FRESH AIR CHAN A & C	12/31/96
3.115AB	DRAWER INOP RX ENCLOSURE VENT EXH CHAN B	12/31/96
3.115AF	DRAWER INOP REFUEL FLOOR VENT EXH CHAN B	12/31/96
3.115AK	DRAWER INOP POST LOCA MONITOR CHAN B	12/31/96
3.115E	DRAWER INOP NORTH STACK RAD MONITOR	12/31/96
3.115J	DRAWER INOP RECOMBINER & H2 ANALYZER RMS	12/31/96
3.115N	DRAWER INOP RX ENCLOSURE COOLING WATER	12/31/96
3.115RA	DRWR INOP RHRSW UNIT 1 HX RETURN HEADER	12/31/96

TEST NO	TITLE	TESTING DATE COMMITMENT
3.115RD	DRAWER INOP RHRSW HX 1B OUTLET	12/31/96
3.115V	DRAWER INOP MAIN STEAM LINE CHAN B	12/31/96
3.136	STEAM LEAK OUTSIDE PRI CONT (1-100%)	12/31/96
3.138A	ADS/SRV 1F013B FAILS - LEAKS	12/31/96
3.138B	ADS/SRV 1F013B FAILS - STUCK	12/31/96
3.138C	ADS/SRV 1F013B FAILS - OPEN ELECT	12/31/96
3.138D	ADS/SRV 1F013B FAILS - CLOSED	12/31/96
3.138E	ADS/SRV 1F013B FAILS - OPEN MECH	12/31/96
3.142A	ADS/SRV 1F013F FAILS - LEAKS	12/31/96
3.142B	ADS/SRV 1F013F FAILS - STUCK	12/31/96
3.142C	ADS/SRV 1F013F FAILS - OPEN ELECT	12/31/96
3.142D	ADS/SRV 1F013F FAILS - CLOSED	12/31/96
3.142E	ADS/SRV 1F013F FAILS - OPEN MECH	12/31/96
3.146A	ADS/SRV 1F013K FAILS - LEAKS	12/31/96
3.146B	ADS/SRV 1F013K FAILS - STUCK	12/31/96
3.146C	ADS/SRV 1F013K FAILS - OPEN ELECT	12/31/96
3.146D	ADS/SRV 1F013K FAILS - CLOSED	12/31/96
3.146E	ADS/SRV 1F013K FAILS - OPEN MECH	12/31/96
3.149D	ADS/SRV 1F013N FAILS - CLOSED	12/31/96
3.150C	ADS/SRV 1F013S FAILS - OPEN ELECT	12/31/96
3.151B	SRV 1F013M DOWNCOMER LEAK 0-100%	12/31/96
3.156B	NSSSS GROUP 1B INADVERTENT ISOLATION	12/31/96
3.156F	NSSSS GROUP 1F INADVERTENT ISOLATION	12/31/96
3.157B	NSSSS GROUP 2B INADVERTENT ISOLATION	12/31/96
3.157F	NSSSS GROUP 2F INADVERTENT ISOLATION	12/31/96
3.159B	NSSSS GROUP 6B INADVERTENT ISOLATION	12/31/96
3.159F	NSSSS GROUP 6F INADVERTENT ISOLATION	12/31/96
3.161A	NSSSS GROUP 8A INADVERTENT ISOLATION	12/31/96

TEST NO	TITLE	TESTING DATE COMMITMENT
3.162B	SEC COM & PCIG B INADVERTENT ISOL	12/31/96
3.164	LOSS OF STEAM TO RECOMBINER PREHEATER	12/31/96
3.167	OFFGAS HEPA FILTER BLOCKAGE (1-100%)	12/31/96
3.171B	RHR PUMP B TRIP	12/31/96
3.172B	RHR PUMP 1B FAILS TO AUTO START	12/31/96
3.173	RHR SHUTDOWN COOLING SUCTION LINE LEAK	12/31/96
3.174B	RHR INJECTION VALVE 1F017B FAILS AS IS	12/31/96
3.175B	RHR PUMP SUCTION VALVE F004B FAILS AS IS	12/31/96
3.176D	RHR SDC SUCTION VALVE 1F009 FAILS AS IS	12/31/96
3.177B	RHR HX A BYPASS CONTROLLER FAILS LOW	12/31/96
3.182B	CORE SPRAY PUMP B TRIPS	12/31/96
3.183B	CORE SPRAY PUMP B FAILS TO AUTO START	12/31/96
3.184B	CORE SPRAY INBD VALVE 1F037 FAILS AS IS	12/31/96
3.190A	RWCU DRAIN FLOW CONTROLLER FAILS OPEN	12/31/96
3.193	RWCU NONREGEN HX LEAK TO RECW (1-100%)	12/31/96
3.195C	RWCU ISOL VALVE HV44-1F040 FAILS AS IS	12/31/96
3.198C	SLC PUMP C LOSS OF CONTROL POWER	12/31/96
3.202A	SRM CHANNEL B RECORDER FAILS AS-IS	12/31/96
3.202B	SRM CHANNEL B FAILS INOPERATIVE	12/31/96
3.202C	SRM CHANNEL B DETECTOR STUCK	12/31/96
3.206A	IRM CHANNEL B RECORDER FAILS AS-IS	12/31/96
3.206B	IRM CHANNEL B FAILS INOPERATIVE	12/31/96
3.206C	IRM CHANNEL B DETECTOR STUCK	12/31/96
3.210A	IRM CHANNEL F RECORDER FAILS AS-IS	12/31/96
3.210B	IRM CHANNEL F FAILS INOPERATIVE	12/31/96
3.210C	IRM CHANNEL F DETECTOR STUCK	12/31/96
3.213B	SRM CHANNEL B FAILS TO SELECTED VALUE	12/31/96
3.214B	IRM CHANNEL B FAILS TO SELECTED VALUE	12/31/96

TEST NO	TITLE	TESTING DATE COMMITMENT
3.214F	IRM CHANNEL F FAILS TO SELECTED VALUE	12/31/96
3.217B	RBM CHANNEL B FAILS TO SELECTED VALUE	12/31/96
3.228A	RX INSTRUMENT LINE BREAK AFTER 42-F047A	12/31/96
3.230A	RX INSTRUMENT LINE BREAK AFTER 42-F065A	12/31/96
3.231C	RX INSTRUMENT LINE BREAK AFTER 42-F045C	12/31/96
3.232C	RX LEVEL XMITTER LT42-N080B FAILS HIGH	12/31/96
3.232D	RX LEVEL XMITTER LT42-N080B FAILS LOW	12/31/96
3.233C	RX LEVEL XMITTER DPT42-N004B FAILS LOW	12/31/96
3.233D	RX LEVEL XMITTER DPT42-N004B FAILS LOW	12/31/96
3.234C	RX PRESS XMITTER PT42-N078B FAILS HIGH	12/31/96
3.234D	RX PRESS XMITTER PT42-N078B FAILS LOW	12/31/96
3.236R	REFERENCE LEG 1D004B FLASHES	12/31/96
3.236E	REFERENCE LEG 1D002 FLASHES	12/31/96
3.237B	REFERENCE LEG 1D004B LEVEL DEFECT	12/31/96
3.241A	FEEDWATER HEATER 12A TUBE LEAK	12/31/96
3.242B	FEEDWATER HEATER 15B TUBE LEAK	12/31/96
3.244C	REACTOR FEEDPUMP A HIGH VIBRATION	12/31/96
3.246A	REACTOR FEEDWATER PUMP C TRIPS	12/31/96
3.247B	FW LOW FLOW CONTROL VALVE FAILS CLOSED	12/31/96
3.249B	RX FEEDPUMP B RECIRC VALVE FAILS CLOSED	12/31/96
3.251B	FW S/U LEVEL CONTROL VALVE FAILS CLOSED	12/31/96
3.252B	FW LINE B RUPTURE INSIDE DRYWELL	12/31/96
3.260B	NETWORK LOAD TRANSIENT DECREASE	12/31/96
3.263B	4KV SAFEGUARD BUS D12 FAULT	12/31/96
3.264A	MAIN GEN OUTPUT BKR 252-10113 TRIPS	12/31/96
3.265B	STARTUP BUS BKR 20 TRIPS	12/31/96
3.267B	PLANT SERVICES LOAD CENTER 222 FAULT	12/31/96
3.271A	114B RX AREA 440V LOAD CENTER FAULT	12/31/96

TEST NO	TITLE	TESTING DATE COMMITMENT
3.271B	124B RX AREA 440V LOAD CENTER FAULT	12/31/96
3.273B	214D PLANT SERVICES LOAD CENTER FAULT	12/31/96
3.275B	D124 SAFEGUARD 440V LOAD CENTER FAULT	12/31/96
3.277B	120 VAC PANEL 10Y102 FAULT	12/31/96
3.278B	120 VAC PANEL 10Y106 FAULT	12/31/96
3.278D	120 VAC PANEL 10Y110 FAULT	12/31/96
3.282B	1FB 125/250 VDC 1BD105 FAULT	12/31/96
3.284B	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/96
3.284F	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/96
3.299A	CONTROL STRUCTURE CHILLER OAK112 TRIP	12/31/96
3.301B	RX ENCLOSURE ISOLATION CHANNEL B	12/31/96
3.304B	SGTS FROM REFUEL FLR HV76-020 FAILS OPEN	12/31/96
3.307	RX ENCLOSURE FAILS TO ISOLATE	12/31/96
3.406B	RRCS DIVISION II LOSS OF DC POWER	12/31/96
3.407C	RRCS ARI BOTH DIVS FAILS TO INITIATE	12/31/96
3.409B	CONTAINMENT INST GAS COMPRESSOR B LEAKS	12/31/96
3.411A	CRD FLOW CNTRL VALVE A FAILS CLOSED	12/31/96
3.412B	CONTROL ROD DRIVE PUMP B TRIPS	12/31/96
3.414B	DISCH VOLUME SV47-1F010 FAILS CLOSED	12/31/96
3.418B	DIESEL GENERATOR 12 TRIP	12/31/96
3.419B	DIESEL GENERATOR 12 FAILS TO START	12/31/96
3.424B	INSTRUMENT AIR COMPRESSOR 1BK101 TRIP	12/31/96
3.431B	RECIRC PUMP A M/A STATION FAILS LOW	12/31/96
3.432A	RECIRC PUMP A INCOMPLETE START SEQ	12/31/96
3.433B	RECIRC PUMP B SEAL #1 FAILURE	12/31/96
3.435B	RECIRC PUMP B DRIVE MOTOR BREAKER TRIP	12/31/96
3.441	COOLANT LEAKAGE IN DRYWELL (1-300 GPM)	12/31/96
3.442B	RECIRC PUMP 1A RPT BREAKER CB4A TRIP	12/31/96



TEST NO	TITLE	TESTING DATE COMMITMENT
3.446A	HPCI STM ISOL VALVE HV55-1F002 FAILS	12/31/96
3.447B	HPCI AUX OIL PUMP FAILS - TRIPS	12/31/96
3.450	HPCI INADVERTENT START	12/31/96
3.453	HPCI PUMP DISCH VALVE 1F105 FAILS AS IS	12/31/96
3.457A	RCIC SPEED CONT FAILS HIGH	12/31/96
3.459B	RCIC STEAM SUPPLY HV49-1F007 ISOLATES	12/31/96
3.463	FAILURE OF THE PLANT PROCESS COMPUTERS	12/31/96
3.465	RCIC STEAM LINE BREAK IN PUMP RM 1-100%	12/31/96
3.471B	DRYWELL AREA UNIT COOLER FAN 1B1 TRIP	12/31/96
3.471F	DRYWELL AREA UNIT COOLER FAN 1F1 TRIP	12/31/96
3.472B	DRYWELL AREA UNIT COOLER FAN 1B2 TRIP	12/31/96
3.472F	DRYWELL AREA UNIT COOLER FAN 1F2 TRIP	12/31/96
3.475	PRIMARY CONTAINMENT HYDROGEN DETONATION	12/31/96
3.483B	RECW PUMP TRIP (B)	12/31/96
3.484C	TECW PUMPS TRIP (BOTH)	12/31/96
3.488C	SERVICE WATER PUMP C TRIPS	12/31/96
3.489B	ESW PUMP B TRIPS	12/31/96
3.490B	ESW VLV HV11-054A FAILS TO AUTO SWAP	12/31/96
3.490F	ESW VLV HV11-079 FAILS TO AUTO SWAP	12/31/96
3.492B	RHR SERVICE WATER PUMP B TRIPS	12/31/96
3.500B	JET PUMP NO. 1S DISPLACED MIXER	12/31/96
3.502B	JET PUMP NO. 5 BROKEN INSTRUMENT LINE	12/31/96
3.504A	RECIRC PUMP 1A SHAFT FAILURE	12/31/96
3.505B	RECIRC PUMP A LOW RUNBACK	12/31/96
3.514	HIGH RAD LEVEL IN RHRSW (1-100%)	12/31/96
3.515D	FW HEATER 15A DRAIN VALVE FAILS OPEN	12/31/96
3.516C	FW HEATER 14A DRAIN VALVE FAILS CLOSED	12/31/96
3.517B	FW HEATER 13B DRAIN VALVE FAILS OPEN	12/31/96



TEST NO	TITLE	TESTING DATE COMMITMENT
3.518A	FW HEATER 12B DRAIN VALVE FAILS CLOSED	12/31/96
3.518E	FW HEATER 16B DRAIN VALVE FAILS CLOSED	12/31/96
3.519D	FW HEATER 15C DRAIN VALVE FAILS OPEN	12/31/96
3.520C	FW HEATER 14C DRAIN VALVE FAILS CLOSED	12/31/96
3.521B	FW HEATER 13A DUMP VALVE FAILS OPEN	12/31/96
3.522A	FW HEATER 12A DUMP VALVE FAILS CLOSED	12/31/96
3.522E	FW HEATER 16A DUMP VALVE FAILS CLOSED	12/31/96
3.523D	FW HEATER 15B DUMP VALVE FAILS OPEN	12/31/96
3.524C	FW HEATER 14B DUMP VALVE FAILS CLOSED	12/31/96
3.525B	FW HEATER 13C DUMP VALVE FAILS OPEN	12/31/96
3.526A	FW HEATER 12C DUMP VALVE FAILS CLOSED	12/31/96
3.526E	FW HEATER 16C DUMP VALVE FAILS CLOSED	12/31/96
3.527B	STEAM LEAK DET NUMAC TIS25-101B FAILS	12/31/96
3.528B	RHR CNTMNT SPRAY VALVE F016B FAILS AS-IS	12/31/96
5.02B	RECIRC LOOP B RUPTURE PERFORMANCE TEST	12/31/96
5.06A	LOSS O/S PWR AT STARTUP TEST CONDITIONS	12/31/96
5.07B	LOSS OF SAFEGUARD BUS D12 (EMERG POWER)	12/31/96
5.09B	LOSS OF NON-SAFEGUARD LOAD CENTER 114B	12/31/96
5.09F	LOSS OF NON-SAFEGUARD LOAD CENTER 124B	12/31/96
5.10B	LOSS OF 120 VAC INSTRUMENT BUS 10Y102	12/31/96
5.10F	LOSS OF 120 VAC INSTRUMENT BUS 10Y106	12/31/96
5.10H	LOSS OF 120 VAC INSTRUMENT BUS 10Y110	12/31/96
5.11B	LOSS OF 125/250 VDC BUS 1BD105	12/31/96
5.13A	MAIN CONDENSER AIR LEAK AT LOW SEVERITY	12/31/96
5.16B	COMPLETE LOSS OF TURB ENCL COOLING WATER	12/31/96
5.17D	FW MASTER LVL CONTROLLER FAILS HIGH	12/31/96
5.17H	LOSS OF FEEDWATER HEATING AT FULL POWER	12/31/96
5.23	MAIN TURBINE - GENERATOR TRIP	12/31/96

LIMERICK GENERATING STATION TRAINING SIMULATOR  
TESTING TO BE PERFORMED IN 1996

TEST NO	TITLE	TESTING DATE COMMITMENT
5.28	MAIN STEAM LINE BREAK OUTSIDE DRYWELL	12/31/96
5.29B	MAIN FEED LINE B BREAK INSIDE DRYWELL	12/31/96
5.34B	TURBINE TRIP WITH ATWS (BROWN'S FERRY)	12/31/96
5.35C	ALL TURBINE BYPASS VALVES FAIL OPEN	12/31/96
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	12/31/96
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	12/31/96
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	12/31/96
7.01	MANUAL SCRAM	01/31/96
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	12/31/96
7.03	CLOSURE OF ALL MSIVS AT RATED POWER	12/31/96
7.04	TRIP OF BOTH RECIRC PUMPS AT RATED POWER	12/31/96
7.05	SINGLE RECIRC PUMP TRIP	12/31/96
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	12/31/96
7.07	MAXIMUM RATE POWER RAMP	12/31/96
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	12/31/96
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	12/31/96
7.10	BWR TMI EQUIVALENT SCENARIO	12/31/96

LGS SIMULATOR TESTING  
TO BE PERFORMED IN 1997

LIMERICK GENERATING STATION TRAINING SIMULATOR  
TESTING TO BE PERFORMED IN 1997

TEST NO	TITLE	TESTING DATE COMMITMENT
1.01	COMPUTER REAL TIME TEST	12/31/97
3.006A	APRM CHAN C RECORDER FAILS AS-IS	12/31/97
3.006B	APRM CHAN C FAILS INOP	12/31/97
3.008A	APRM CHAN E RECORDER FAILS AS-IS	12/31/97
3.010A	RBM CHAN A RECORDER FAILS AS-IS	12/31/97
3.012C	LPRM 16-09C UPSCALE FAILURE	12/31/97
3.012G	LPRM 56-41D UPSCALE FAILURE	12/31/97
3.013C	LPRM 08-33B DOWNSCALE FAILURE	12/31/97
3.013G	LPRM 32-09A DOWNSCALE FAILURE	12/31/97
3.014	TIP CHAMBER STUCK IN-CORE	12/31/97
3.015C	LPRM 16-25A DRIFT (-25 TO +25)	12/31/97
3.018A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	12/31/97
3.018B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	12/31/97
3.018C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	12/31/97
3.018D	CONTROL ROD XX-YY FAILURE (STUCK)	12/31/97
3.018E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	12/31/97
3.018F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	12/31/97
3.018G	CONTROL ROD XX-XX FAILS TO SCRAM	12/31/97
3.020C	APRM CHANNEL C FAILS 0-125%	12/31/97
3.023	RPIS FAILURE 4 ROD DISPLAY	12/31/97
3.028D	REACTOR SCRAM (BANK 3)	12/31/97
3.029A	RPS FAILS TO SCRAM (AUTO ONLY)	12/31/97
3.043A	FWC MASTER LEVEL CONTROLLER FAILS HIGH	12/31/97
3.044C	FW PUMP C CONTROLLER OUTPUT FAILS HIGH	12/31/97
3.046C	STEAM FLOW XMITTER 1N003C FAILS 0-100%	12/31/97
3.047A	FW FLOW XMITTER 1N002A FAILS 0-100%	12/31/97
3.061C	MSIV HV41-1F022C FAILS OPEN	12/31/97
3.062C	MSIV HV41-1F028C FAILS OPEN	12/31/97

TEST NO	TITLE	TESTING DATE COMMITMENT
3.063C	MSIV HV41-1F022C FAILS CLOSED	12/31/97
3.064C	MSIV HV41-1F028C FAILS CLOSED	12/31/97
3.066	STM LINE RUPTURE INSIDE DRYWELL	12/31/97
3.071B	LOSS OF EXTRACTION STEAM TO FW HTR 16B	12/31/97
3.072C	SJAE STM SUPPLY PCV07-101A FAILS OPEN	12/31/97
3.075	EXHAUST HOOD SPRAY VALVE FAILS CLOSED	12/31/97
3.078B	CONDENSATE PUMP B TRIP	12/31/97
3.079C	COND FILTER/DEMIN C HI DIFF PRESSURE	12/31/97
3.079G	COND FILTER/DEMIN G HI DIFF PRESSURE	12/31/97
3.085	CIRCULATING WATER EXPANSION JOINT LEAK	12/31/97
3.086C	CIRCULATING WATER PUMP C TRIP	12/31/97
3.099A	STATOR COOLING WATER PUMP A TRIP	12/31/97
3.102	MAIN TURBINE LOW BRG OIL PRESSURE	12/31/97
3.105A	EHC PRESSURE REGULATOR A FAILS HIGH	12/31/97
3.106B	EHC PRESSURE REGULATOR B FAILS LOW	12/31/97
3.107C	BYPASS VALVE NO. 3 STICKS OPEN	12/31/97
3.107G	BYPASS VALVE NO. 7 STICKS OPEN	12/31/97
3.110	MAIN TURBINE - GENERATOR TRIP	12/31/97
3.112B	EHC PUMP B TRIPS	12/31/97
3.115AC	DRAWER INOP RX ENCLOSURE VENT EXH CHAN C	12/31/97
3.115AG	DRAWER INOP REFUEL FLOOR VENT EXH CHAN C	12/31/97
3.115AL	DRAWER INOP POST LOCA MONITOR CHAN C	12/31/97
3.115B	DRAWER INOP MCR FRESH AIR CHAN B & D	12/31/97
3.115F	DRAWER INOP SOUTH STACK RAD MONITOR	12/31/97
3.115K	DRWR INOP STM PACK EXH & VAC PMP RAD MON	12/31/97
3.115P	DRAWER INOP SERVICE WATER COOLING WATER	12/31/97
3.115RB	DRWR INOP RHRSW UNIT 2 HX RETURN HEADER	12/31/97
3.115RE	DRAWER INOP RHRSW HX 2A OUTLET	12/31/97



TEST NO	TITLE	TESTING DATE COMMITMENT
3.115W	DRAWER 1WOP MAIN STEAM LINE CHAN C	12/31/97
3.139A	ADS/SRV 1F013C FAILS - LEAKS	12/31/97
3.139B	ADS/SRV 1F013C FAILS - STUCK	12/31/97
3.139C	ADS/SRV 1F013C FAILS - OPEN ELECT	12/31/97
3.139D	ADS/SRV 1F013C FAILS - CLOSED	12/31/97
3.139E	ADS/SRV 1F013C FAILS - OPEN MECH	12/31/97
3.143A	ADS/SRV 1F013G FAILS - LEAKS	12/31/97
3.143B	ADS/SRV 1F013G FAILS - STUCK	12/31/97
3.143C	ADS/SRV 1F013G FAILS - OPEN ELECT	12/31/97
3.143D	ADS/SRV 1F013G FAILS - CLOSED	12/31/97
3.143E	ADS/SRV 1F013G FAILS - OPEN MECH	12/31/97
3.147A	ADS/SRV 1F013L FAILS - LEAKS	12/31/97
3.147B	ADS/SRV 1F013L FAILS - STUCK	12/31/97
3.147C	ADS/SRV 1F013L FAILS - OPEN ELECT	12/31/97
3.147D	ADS/SRV 1F013L FAILS - CLOSED	12/31/97
3.147E	ADS/SRV 1F013L FAILS - OPEN MECH	12/31/97
3.149A	ADS/SRV 1F013N FAILS - LEAKS	12/31/97
3.149E	ADS/SRV 1F013N FAILS - OPEN MECH	12/31/97
3.150D	ADS/SRV 1F013S FAILS - CLOSED	12/31/97
3.151C	SRV 1F013H DOWNCOMER LEAK 0-100%	12/31/97
3.151E	SRV 1F013S DOWNCOMER LEAK 0-100%	12/31/97
3.156C	NSSSS GROUP 1C INADVERTENT ISOLATION	12/31/97
3.156G	NSSSS GROUP 1G INADVERTENT ISOLATION	12/31/97
3.157C	NSSSS GROUP 2C INADVERTENT ISOLATION	12/31/97
3.158A	NSSSS GROUP 3A INADVERTENT ISOLATION	12/31/97
3.159C	NSSSS GROUP 6C INADVERTENT ISOLATION	12/31/97
3.160A	NSSSS GROUP 7A INADVERTENT ISOLATION	12/31/97
3.161B	NSSSS GROUP 8B INADVERTENT ISOLATION	12/31/97



TEST NO	TITLE	TESTING DATE COMMITMENT
3.162C	SEC CON & PCIG C INADVERTENT ISOL	12/31/97
3.165	STEAM JET AIR EJECT DISCHARGE EXPLOSION	12/31/97
3.168A	OFFGAS CHILLER GLYCOL PUMP A TRIP	12/31/97
3.171C	RHR PUMP C TRIP	12/31/97
3.172C	RHR PUMP 1C FAILS TO AUTO START	12/31/97
3.174C	RHR INJECTION VALVE 1F017C FAILS AS IS	12/31/97
3.175C	RHR PUMP SUCTION VALVE F004C FAILS AS IS	12/31/97
3.176A	RHR LOOP SDC VALVE 1F006A FAILS AS IS	12/31/97
3.176E	RHR SDC INJECT VALVE 1F015A FAILS AS IS	12/31/97
3.177C	RHR HX B BYPASS CONTROLLER FAILS HIGH	12/31/97
3.182C	CORE SPRAY PUMP C TRIPS	12/31/97
3.183C	CORE SPRAY PUMP C FAILS TO AUTO START	12/31/97
3.189A	REACTOR WATER CLEANUP PUMP A TRIPS	12/31/97
3.190B	RWCU DRAIN FLOW CONTROLLER FAILS CLOSED	12/31/97
3.194	RWCU SUCTION LINE COOL LEAKAGE (1-100%)	12/31/97
3.197	SLC SQUIB VALVES FAIL TO FIRE	12/31/97
3.203A	SRM CHANNEL C RECORDER FAILS AS-IS	12/31/97
3.203B	SRM CHANNEL C FAILS INOPERATIVE	12/31/97
3.203C	SRM CHANNEL C DETECTOR STUCK	12/31/97
3.207A	IRM CHANNEL C RECORDER FAILS AS-IS	12/31/97
3.207B	IRM CHANNEL C FAILS INOPERATIVE	12/31/97
3.207C	IRM CHANNEL C DETECTOR STUCK	12/31/97
3.211A	IRM CHANNEL G RECORDER FAILS AS-IS	12/31/97
3.211B	IRM CHANNEL G FAILS INOPERATIVE	12/31/97
3.211C	IRM CHANNEL G DETECTOR STUCK	12/31/97
3.213C	SRM CHANNEL C FAILS TO SELECTED VALUE	12/31/97
3.214C	IRM CHANNEL C FAILS TO SELECTED VALUE	12/31/97
3.214G	IRM CHANNEL G FAILS TO SELECTED VALUE	12/31/97

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TEST NO	TITLE	TESTING DATE COMMITMENT
3.215	IRM OVERLAP FAILURE	12/31/97
3.226	RX INSTRUMENT LINE BREAK AFTER 42-F041	12/31/97
3.228B	RX INSTRUMENT LINE BREAK AFTER 42-F047B	12/31/97
3.230B	RX INSTRUMENT LINE BREAK AFTER 42-F065B	12/31/97
3.231D	RX INSTRUMENT LINE BREAK AFTER 42-F045D	12/31/97
3.232E	RX LEVEL XMITTER LT42-N080C FAILS HIGH	12/31/97
3.232F	RX LEVEL XMITTER LT42-N080C FAILS LOW	12/31/97
3.233E	RX LEVEL XMITTER DPT42-N004C FAILS HIGH	12/31/97
3.233F	RX LEVEL XMITTER DPT42-N004C FAILS LOW	12/31/97
3.234E	RX PRESS XMITTER PT42-N078C FAILS HIGH	12/31/97
3.234F	RX PRESS XMITTER PT42-N078C FAILS LOW	12/31/97
3.236C	REFERENCE LEG 1D004C FLASHES	12/31/97
3.236F	ALL REFERENCE LEGS FLASH	12/31/97
3.237C	REFERENCE LEG 1D004C LEVEL DEFECT	12/31/97
3.241B	FEEDWATER HEATER 1; IBE LEAK	12/31/97
3.242C	FEEDWATER HEATER 15; UBE LEAK	12/31/97
3.245A	REACTOR FEEDWATER PUMP B TRIPS	12/31/97
3.246B	FEEDWATER PUMP C MECHANICAL FAILURE	12/31/97
3.248A	RX FEEDPUMP A RECIRC VALVE FAILS OPEN	12/31/97
3.250A	RX FEEDPUMP C RECIRC VALVE FAILS OPEN	12/31/97
3.253A	FW LINE A RUPTURE OUTSIDE DRYWELL	12/31/97
3.256	CAC N2 PURGE FLOW CONTROLLER FAILS HIGH	12/31/97
3.261	LOSS OF OFFSITE POWER (BLACKOUT)	12/31/97
3.263C	4KV SAFEGUARD BUS D13 FAULT	12/31/97
3.264B	MAIN GEN OUTPUT BKR 252-10213 TRIPS	12/31/97
3.266A	13.2KV SAFEGUARD XFMR BKR 101 TRIPS	12/31/97
3.272A	114C TURB AREA 440V LOAD CENTER FAULT	12/31/97
3.272B	124C TURB AREA 440V LOAD CENTER FAULT	12/31/97

TEST NO	TITLE	TESTING DATE COMMITMENT
3.275C	D134 SAFEGUARD 440V LOAD CENTER FAULT	12/31/97
3.277C	120 VAC PANEL 10Y103 FAULT	12/31/97
3.279A	120 VAC PANEL 10Y201 FAULT	12/31/97
3.280A	120 VAC RPS & UPS BUS 1AY160 FAULT	12/31/97
3.282C	1FC 125/250 VDC 1CD105 FAULT	12/31/97
3.284C	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/97
3.284G	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/97
3.299B	CONTROL STRUCTURE CHILLER OBK112 TRIP	12/31/97
3.302A	REFUEL FLOOR ISOLATION CHANNEL A	12/31/97
3.305A	SGTS FROM RX ENCLOS HV76-196 FAILS OPEN	12/31/97
3.310	CONTROL STRUCTURE HI CL2 CONCENTRATION	12/31/97
3.407A	RRCS ARI DIVISION I FAILS TO INITIATE	12/31/97
3.408A	LEAK IN INSTRUMENT AIR HEADER A	12/31/97
3.410A	CIQ ISOL TO DW HV59-129A FAILS CLOSED	12/31/97
3.411B	CRD FLOW CNTRL VALVE B FAILS CLOSED	12/31/97
3.412C	BOTH CONTROL ROD DRIVE PUMPS TRIP	12/31/97
3.414C	DISCH VOLUME SV47-1F181 FAILS CLOSED	12/31/97
3.418C	DIESEL GENERATOR 13 TRIP	12/31/97
3.419C	DIESEL GENERATOR 13 FAILS TO START	12/31/97
3.424C	BOTH INSTRUMENT AIR COMPRESSORS TRIP	12/31/97
3.431C	RECIRC PUMP B M/A STATION FAILS HIGH	12/31/97
3.432B	RECIRC PUMP B INCOMPLETE START SEQ	12/31/97
3.434A	RECIRC PUMP A SEAL #2 FAILURE	12/31/97
3.436A	RECIRC PUMP A GEN FIELD BREAKER TRIP	12/31/97
3.442C	RECIRC PUMP 1A RPT BRKR CB3A & CB4A TRIP	12/31/97
3.443A	RECIRC PUMP 1B RPT BREAKER CB3B TRIP	12/31/97
3.446B	HPCI STM ISOL VALVE HV55-1F003 FAILS	12/31/97
3.448A	HPCI SPEED CONT FAILS HIGH	12/31/97

TEST NO	TITLE	TESTING DATE COMMITMENT
3.451A	HPCI STEAM SUPPLY HV55-1F003 ISOLATES	12/31/97
3.454	HPCI SUCTION VALVES FAIL TO AUTO SWAP	12/31/97
3.457B	RCIC SPEED CONT FAILS LOW	12/31/97
3.460	RCIC DISCHARGE VALVE 1F013 FAILS AS IS	12/31/97
3.464A	RCIC ISOL VLV HV49-1F007 FAILS AS-IS	12/31/97
3.466	TRIP OF RCIC OVSPEED MECHANISM	12/31/97
3.471C	DRYWELL AREA UNIT COOLER FAN 1C1 TRIP	12/31/97
3.471G	DRYWELL AREA UNIT COOLER FAN 1G1 TRIP	12/31/97
3.472C	DRYWELL AREA UNIT COOLER FAN 1C2 TRIP	12/31/97
3.472G	DRYWELL AREA UNIT COOLER FAN 1G2 TRIP	12/31/97
3.482A	DW CHILLER 1AK111 TRIP	12/31/97
3.484A	TECW PUMP A TRIP	12/31/97
3.487	LOSS OF SW TO MAIN TURB LUBE OIL COOLERS	12/31/97
3.489C	ESW PUMP C TRIPS	12/31/97
3.490C	ESW VLV HV11-225 FAILS TO AUTO SWAP	12/31/97
3.490G	ESW VLV HV11-126 FAILS TO AUTO SWAP	12/31/97
3.491	ESW SYSTEM LEAK	12/31/97
3.492C	RHR SERVICE WATER PUMP C TRIPS	12/31/97
3.501A	JET PUMP NO. 7/B PLUGGED RISER	12/31/97
3.503A	JET PUMP NO. 17/18 RISER BREAK	12/31/97
3.504B	RECIRC PUMP 1B SHAFT FAILURE	12/31/97
3.506A	RECIRC PUMP B HIGH RUNBACK	12/31/97
3.515A	FW HEATER 12A DRAIN VALVE FAILS OPEN	12/31/97
3.515E	FW HEATER 16A DRAIN VALVE FAILS OPEN	12/31/97
3.516D	FW HEATER 15A DRAIN VALVE FAILS CLOSED	12/31/97
3.517C	FW HEATER 14B DRAIN VALVE FAILS OPEN	12/31/97
3.518B	FW HEATER 13B DRAIN VALVE FAILS CLOSED	12/31/97
3.519A	FW HEATER 12C DRAIN VALVE FAILS OPEN	12/31/97

TEST NO	TITLE	TESTING DATE COMMITMENT
3.519E	FW HEATER 16C DRAIN VALVE FAILS OPEN	12/31/97
3.520D	FW HEATER 15C DRAIN VALVE FAILS CLOSED	12/31/97
3.521C	FW HEATER 14A DUMP VALVE FAILS OPEN	12/31/97
3.522B	FW HEATER 13A DUMP VALVE FAILS CLOSED	12/31/97
3.523A	FW HEATER 12B DUMP VALVE FAILS OPEN	12/31/97
3.523E	FW HEATER 16B DUMP VALVE FAILS OPEN	12/31/97
3.524D	FW HEATER 15B DUMP VALVE FAILS CLOSED	12/31/97
3.525C	FW HEATER 14C DUMP VALVE FAILS OPEN	12/31/97
3.526B	FW HEATER 13C DUMP VALVE FAILS CLOSED	12/31/97
3.527C	STEAM LEAK DET NUMAC TIS25-101C FAILS	12/31/97
3.528C	RHR CNTMNT SPRAY VALVE FO21A FAILS AS-1S	12/31/97
5.03	LOSS OF COOLANT, SMALL BREAK	12/31/97
5.06B	LOSS O/S POWER AT RATED POWER CONDITIONS	12/31/97
5.07C	LOSS OF SAFEGUARD BUS D13 (EMERG POWER)	12/31/97
5.09C	LOSS OF NON-SAFEGUARD LOAD CENTER 114C	12/31/97
5.09G	LOSS OF NON-SAFEGUARD LOAD CENTER 124C	12/31/97
5.10C	LOSS OF 120 VAC INSTRUMENT BUS 10Y103	12/31/97
5.10J	LOSS OF 120 VAC INSTRUMENT BUS 10Y201	12/31/97
5.10L	LOSS OF 120 VAC RPS/UPS BUS 1AY160	12/31/97
5.11C	LOSS OF 125/250 VDC BUS 1CD105	12/31/97
5.13B	MAIN CONDENSER AIR LEAK AT HIGH SEVERITY	12/31/97
5.17A	TRIP OF ONE REACTOR FEEDWATER PUMP	12/31/97
5.17E	FW MASTER LVL CONTROLLER FAILS LOW	12/31/97
5.18	LOSS OF A/L FW RESULTING IN ADS BLOWDOWN	12/31/97
5.25A	RECIRC PUMP M/A STATION FAILS HIGH	12/31/97
5.30A	MAIN FEED LINE A BREAK OUTSIDE DRYWELL	12/31/97
5.34C	MSIV CLOSURE WITH ATWS (BROWN'S FERRY)	12/31/97
5.35D	TURINE TRIP WITH BYPASS VLVS FAIL CLOSED	12/31/97

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TEST NO	TITLE	TESTING DATE COMMITMENT
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	12/31/97
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	12/31/97
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	12/31/97
7.01	MANUAL SCRAM	12/31/97
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	12/31/97
7.03	CLOSURE OF ALL MSIVS AT RATED POWER	12/31/97
7.04	TRIP OF BOTH RECIRC PUMPS AT RATED POWER	12/31/97
7.05	SINGLE RECIRC PUMP TRIP	12/31/97
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	12/31/97
7.07	MAXIMUM RATE POWER RAMP	12/31/97
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	12/31/97
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	12/31/97
7.10	BWR TMI EQUIVALENT SCENARIO	12/31/97



LGS SIMULATOR TESTING  
TO BE PERFORMED IN 1998

LIMERICK GENERATING STATION TRAINING SIMULATOR  
TESTING TO BE PERFORMED IN 1998

TEST NO	TITLE	TESTING DATE COMMITMENT
1.01	COMPUTER REAL TIME TEST	12/31/98
3.007A	APRM CHAN D RECORDER FAILS AS-IS	12/31/98
3.007B	APRM CHAN D FAILS INOP	12/31/98
3.008B	APRM CHAN E FAILS INOP	12/31/98
3.010B	RBM CHAN A FAILS INOP	12/31/98
3.012D	LPRM 24-17B UPSCALE FAILURE	12/31/98
3.012H	LPRM 08-17D UPSCALE FAILURE	12/31/98
3.013D	LPRM 24-57B DOWNSCALE FAILURE	12/31/98
3.013H	LPRM 40-17D DOWNSCALE FAILURE	12/31/98
3.015D	LPRM 40-41B DRIFT (-25 TO +25)	12/31/98
3.019A	CONTROL ROD XX-YY FAILURE (DRIFT IN)	12/31/98
3.019B	CONTROL ROD XX-YY FAILURE (DRIFT OUT)	12/31/98
3.019C	CONTROL ROD XX-YY FAILURE (ACCUM TRBL)	12/31/98
3.019D	CONTROL ROD XX-YY FAILURE (STUCK)	12/31/98
3.019E	CONTROL ROD XX-YY FAILURE (UNCOUPLED)	12/31/98
3.019F	CONTROL ROD XX-YY FAILURE (SCRAMMED)	12/31/98
3.019G	CONTROL ROD XX-XX FAILS TO SCRAM	12/31/98
3.020D	APRM CHANNEL D FAILS 0-125%	12/31/98
3.022	RX MANUAL CONTROL FAILURE TO INSERT	12/31/98
3.024	RDCS FAILURE (ANALYZER CARD)	12/31/98
3.028E	REACTOR SCRAM (BANK 4)	12/31/98
3.029B	RPS FAILS TO SCRAM (COMPLETE)	12/31/98
3.043B	FWC MASTER LEVEL CONTROLLER FAILS LOW	12/31/98
3.045A	FW PUMP A CONTROLLER OUTPUT FAILS LOW	12/31/98
3.046D	STEAM FLOW XMITTER 1N003D FAILS 0-100%	12/31/98
3.047B	FW FLOW XMITTER 1N002B FAILS 0-100%	12/31/98
3.061D	MSIV HV41-1F022D FAILS OPEN	12/31/98
3.062D	MSIV HV41-1F028D FAILS OPEN	12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.063D	MSIV HV41-1FO22D FAILS CLOSED	12/31/98
3.064D	MSIV HV41-1FO28D FAILS CLOSED	12/31/98
3.067	STEAM LEAK IN DRYWELL (1-5000 GPM)	12/31/98
3.071C	LOSS OF EXTRACTION STEAM TO FW HTR 16C	12/31/98
3.072D	SJAE STM SUPPLY PCV07-101B FAILS OPEN	12/31/98
3.077A	HOTWELL LEVEL CONTROLLER FAILS HIGH	12/31/98
3.078C	CONDENSATE PUMP C TRIP	12/31/98
3.079D	COND FILTER/DEMIN D HI DIFF PRESSURE	12/31/98
3.079H	COND FILTER/DEMIN H HI DIFF PRESSURE	12/31/98
3.086D	CIRCULATING WATER PUMP D TRIP	12/31/98
3.095	AUTOMATIC VOLTAGE REGULATOR FAILURE	12/31/98
3.099B	STATOR COOLING WATER PUMP B TRIP	12/31/98
3.103	TURBINE BEARING HIGH TEMPERATURE	12/31/98
3.105B	EHC PRESSURE REGULATOR A FAILS LOW	12/31/98
3.106C	EHC PRESSURE REGULATOR B OSCILLATES	12/31/98
3.107D	BYPASS VALVE NO. 4 STICKS OPEN	12/31/98
3.107H	BYPASS VALVE NO. 8 STICKS OPEN	12/31/98
3.111A	EHC LOAD SELECTOR FAILS TO LOCAL	12/31/98
3.112C	BOTH EHC PUMPS TRIP	12/31/98
3.115AD	DRAWER INOP RX ENCLOSURE VENT EXH CHAN D	12/31/98
3.115AH	DRAWER INOP REFUEL FLOOR VENT EXH CHAN D	12/31/98
3.115AM	DRAWER INOP POST LOCA MONITOR CHAN D	12/31/98
3.115C	DRAWER INOP CONTROL RM EMERG AIR CH C	12/31/98
3.115G	DRAWER INOP RADWASTE EQUIP RM EXHAUST	12/31/98
3.115L	DRAWER INOP CHARCOAL TREATMENT SYSTEM	12/31/98
3.115Q	DRAWER INOP AIR EJECTOR/OFFGAS CHAN A	12/31/98
3.115RF	DRAWER INOP RHRSW HX 2B OUTLET	12/31/98
3.115S	DRAWER INOP AIR EJECTOR/OFFGAS LINEAR	12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.115X	DRAWER INOP MAIN STEAM LINE CHAN D	12/31/98
3.140A	ADS/SRV 1F013D FAILS - LEAKS	12/31/98
3.140B	ADS/SRV 1F013D FAILS - STUCK	12/31/98
3.140C	ADS/SRV 1F013D FAILS - OPEN ELECT	12/31/98
3.140D	ADS/SRV 1F013D FAILS - CLOSED	12/31/98
3.140E	ADS/SRV 1F013D FAILS - OPEN MECH	12/31/98
3.144A	ADS/SRV 1F013H FAILS - LEAKS	12/31/98
3.144B	ADS/SRV 1F013H FAILS - STUCK	12/31/98
3.144C	ADS/SRV 1F013H FAILS - OPEN ELECT	12/31/98
3.144D	ADS/SRV 1F013H FAILS - CLOSED	12/31/98
3.144E	ADS/SRV 1F013H FAILS - OPEN MECH	12/31/98
3.148A	ADS/SRV 1F013M FAILS - LEAKS	12/31/98
3.148B	ADS/SRV 1F013M FAILS - STUCK	12/31/98
3.148C	ADS/SRV 1F013M FAILS - OPEN ELECT	12/31/98
3.148D	ADS/SRV 1F013M FAILS - CLOSED	12/31/98
3.148E	ADS/SRV 1F013M FAILS - OPEN MECH	12/31/98
3.149B	ADS/SRV 1F013N FAILS - STUCK	12/31/98
3.150A	ADS/SRV 1F013S FAILS - LEAKS	12/31/98
3.150E	ADS/SRV 1F013S FAILS - OPEN MECH	12/31/98
3.151D	SRV 1F013E DOWNCOMER LEAK 0-100%	12/31/98
3.151F	SRV 1F013N DOWNCOMER LEAK 0-100%	12/31/98
3.156D	NSSSS GROUP 1D INADVERTENT ISOLATION	12/31/98
3.156H	NSSSS GROUP 1H INADVERTENT ISOLATION	12/31/98
3.157D	NSSSS GROUP 2D INADVERTENT ISOLATION	12/31/98
3.158B	NSSSS GROUP 3B INADVERTENT ISOLATION	12/31/98
3.159D	NSSSS GROUP 6D INADVERTENT ISOLATION	12/31/98
3.160B	NSSSS GROUP 7B INADVERTENT ISOLATION	12/31/98
3.162D	SEC CON & PCIG D INADVERTENT ISOL	12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.162E	SEC CON & PCIG E INADVERTENT ISOL	12/31/98
3.166A	OFFGAS AFTERCOND LEVEL XMTR FAILS HIGH	12/31/98
3.168B	OFFGAS CHILLER GLYCOL PUMP B TRIP	12/31/98
3.171D	RHR PUMP D TRIP	12/31/98
3.172D	RHR PUMP 1D FAILS TO AUTO START	12/31/98
3.174D	RHR INJECTION VALVE 1F017D FAILS AS IS	12/31/98
3.175D	RHR PUMP SUCTION VALVE F004D FAILS AS IS	12/31/98
3.176B	RHR LOOP SDC VALVE 1F006B FAILS AS IS	12/31/98
3.176F	RHR SDC INJECT VALVE 1F015B FAILS AS IS	12/31/98
3.177D	RHR HX B BYPASS CONTROLLER FAILS LOW	12/31/98
3.182D	CORE SPRAY PUMP D TRIPS	12/31/98
3.183D	CORE SPRAY PUMP D FAILS TO AUTO START	12/31/98
3.189B	REACTOR WATER CLEANUP PUMP B TRIPS	12/31/98
3.191	RWCU DEMIN RESIN DEPLETION	12/31/98
3.195A	RWCU ISOL VALVE HV44-1F001 FAILS AS IS	12/31/98
3.198A	SLC PUMP A LOSS OF CONTROL POWER	12/31/98
3.204A	SRM CHANNEL D RECORDER FAILS AS-IS	12/31/98
3.204B	SRM CHANNEL D FAILS INOPERATIVE	12/31/98
3.204C	SRM CHANNEL D DETECTOR STUCK	12/31/98
3.208A	IRM CHANNEL D RECORDER FAILS AS-IS	12/31/98
3.208B	IRM CHANNEL D FAILS INOPERATIVE	12/31/98
3.208C	IRM CHANNEL D DETECTOR STUCK	12/31/98
3.212A	IRM CHANNEL H RECORDER FAILS AS-IS	12/31/98
3.212B	IRM CHANNEL H FAILS INOPERATIVE	12/31/98
3.212C	IRM CHANNEL H DETECTOR STUCK	12/31/98
3.213D	SRM CHANNEL D FAILS TO SELECTED VALUE	12/31/98
3.214D	IRM CHANNEL D FAILS TO SELECTED VALUE	12/31/98
3.214H	IRM CHANNEL H FAILS TO SELECTED VALUE	12/31/98



TEST NO	TITLE	TESTING .	COMMITMENT
3.216	APRM OVERLAP FAILURE		12/31/98
3.227A	RX INSTRUMENT LINE BREAK AFTER 42-F043A		12/31/98
3.229A	RX INSTRUMENT LINE BREAK AFTER 42-F049A		12/31/98
3.231A	RX INSTRUMENT LINE BREAK AFTER 42-F045A		12/31/98
3.232G	RX LEVEL XMITTER LT42-N080D FAILS HIGH		12/31/98
3.232H	RX LEVEL XMITTER LT42-N080D FAILS LOW		12/31/98
3.233G	RX LEVEL XMITTER DPT42-N004D FAILS HIGH		12/31/98
3.233H	RX LEVEL XMITTER DPT42-N004D FAILS LOW		12/31/98
3.234G	RX PRESS XMITTER PT42-N078D FAILS HIGH		12/31/98
3.234H	RX PRESS XMITTER PT42-N078D FAILS LOW		12/31/98
3.235A	RX LEVEL/PRESS RECORDER R60B FAILS		12/31/98
3.236D	REFERENCE LEG 1D004D FLASHES		12/31/98
3.237D	REFERENCE LEG 1D004D LEVEL DEFECT		12/31/98
3.237E	REFERENCE LEG 1D002 LEVEL DEFECT		12/31/98
3.241C	FEEDWATER HEATER 12C TUBE LEAK		12/31/98
3.244A	REACTOR FEEDWATER PUMP A TRIPS		12/31/98
3.245B	FEEDWATER PUMP A MECHANICAL FAILURE		12/31/98
3.246C	REACTOR FEEDPUMP C HIGH VIBRATION		12/31/98
3.248B	RX FEEDPUMP A RECIRC VALVE FAILS CLOSED		12/31/98
3.250B	RX FEEDPUMP C RECIRC VALVE FAILS CLOSED		12/31/98
3.253B	FW LINE B RUPTURE OUTSIDE DRYWELL		12/31/98
3.257	SUPPRESSION POOL LEAK (0-100,000 GPM)		12/31/98
3.262A	13.2KV 11 UNIT AUX BUS FAULT		12/31/98
3.263D	4KV SAFEGUARD BUS D14 FAULT		12/31/98
3.264C	MAIN GEN OUTPUT BRKR TRIPS (BOTH)		12/31/98
3.266B	13.2KV SAFEGUARD XFMR BKR 201 TRIPS		12/31/98
3.267A	PLANT SERVICES LOAD CENTER 122 FAULT		12/31/98
3.273A	114D PLANT SERVICES LOAD CENTER FAULT		12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.274A	124D PLANT SERVICES LOAD CENTER FAULT	12/31/98
3.274B	224D PLANT SERVICES LOAD CENTER FAULT	12/31/98
3.275D	D144 SAFEGUARD 440V LOAD CENTER FAULT	12/31/98
3.277D	120 VAC PANEL 10Y104 FAULT	12/31/98
3.279B	120 VAC PANEL 10Y202 FAULT	12/31/98
3.280B	120 VAC RPS & UPS BUS 1BY160 FAULT	12/31/98
3.282D	1FD 125/250 VDC 1DD105 FAULT	12/31/98
3.284D	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/98
3.284H	LOSS OF DC TO SELECTED ANNUNCIATOR PNLS	12/31/98
3.302B	REFUEL FLOOR ISOLATION CHANNEL B	12/31/98
3.303	AIR LEAK IN REACTOR ENCLOSURE	12/31/98
3.305B	SGTS FROM RX ENCLOS HV76-197 FAILS OPEN	12/31/98
3.405	SERVICE AIR COMPRESSOR TRIP	12/31/98
3.407B	RRCS ARI DIVISION II FAILS TO INITIATE	12/31/98
3.408B	LEAK IN INSTRUMENT AIR HEADER B	12/31/98
3.410B	CIG ISOL TO DW HV59-129B FAILS CLOSED	12/31/98
3.411C	BOTH CRD FLOW CONTROL VALVES FAIL CLOSED	12/31/98
3.413	CONTROL RODS FAIL TO SCRAM- BROWNS FERRY	12/31/98
3.414D	DISCH VOLUME SV47-1F011 FAILS CLOSED	12/31/98
3.418D	DIESEL GENERATOR 14 TRIP	12/31/98
3.419D	DIESEL GENERATOR 14 FAILS TO START	12/31/98
3.430A	RECIRC PUMP A SEIZURE	12/31/98
3.431D	RECIRC PUMP B M/A STATION FAILS LOW	12/31/98
3.434B	RECIRC PUMP B SEAL #2 FAILURE	12/31/98
3.436B	RECIRC PUMP B GEN FIELD BREAKER TRIP	12/31/98
3.440A	RECIRC LOOP A RUPTURE (0-100%)	12/31/98
3.443B	RECIRC PUMP 1B RPT BREAKER CB4B TRIP	12/31/98
3.443C	RECIRC PUMP 1B RPT BREAKER BOTH TRIP	12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.446C	HPCI STM ISOL VALVE HV55-1F100 FAILS	12/31/98
3.448B	HPCI SPEED CONT FAILS LOW	12/31/98
3.451B	HPCI STEAM SUPPLY HV55-1F002 ISOLATES	12/31/98
3.455	HPCI COOLING WATER VLV 1F059 FAILS AS IS	12/31/98
3.458	RCIC TURBINE TRIP	12/31/98
3.461	RCIC PUMP SUCT VLVS FAIL TO AUTO SWAP	12/31/98
3.464B	RCIC ISOL VLV HV49-1F008 FAILS AS-IS	12/31/98
3.471D	DRYWELL AREA UNIT COOLER FAN 1D1 TRIP	12/31/98
3.471H	DRYWELL AREA UNIT COOLER FAN 1H1 TRIP	12/31/98
3.472D	DRYWELL AREA UNIT COOLER FAN 1D2 TRIP	12/31/98
3.472H	DRYWELL AREA UNIT COOLER FAN 1H2 TRIP	12/31/98
3.473	DRYWELL AIR LEAK TO REACTOR ENCLOSURE	12/31/98
3.482B	DW CHILLER 1BK111 TRIP	12/31/98
3.484B	TECW PUMP B TRIP	12/31/98
3.488A	SERVICE WATER PUMP A TRIPS	12/31/98
3.489D	ESW PUMP D TRIPS	12/31/98
3.490D	ESW VLV HV11-047 FAILS TO AUTO SWAP	12/31/98
3.490H	ESW VLV HV11-074 FAILS TO AUTO SWAP	12/31/98
3.492D	RHR SERVICE WATER PUMP D TRIPS	12/31/98
3.493A	FAILURE OF RHRSW HX A INLET VALVE	12/31/98
3.501B	JET PUMP NO. 19/20 PLUGGED RISER	12/31/98
3.503B	JET PUMP NO. 9/10 RISER BREAK	12/31/98
3.506B	RECIRC PUMP B LOW RUNBACK	12/31/98
3.510	PRIMARY CONTAINMENT OXYGEN INCREASES	12/31/98
3.515B	FW HEATER 13A DRAIN VALVE FAILS OPEN	12/31/98
3.516A	FW HEATER 12A DRAIN VALVE FAILS CLOSED	12/31/98
3.516E	FW HEATER 16A DRAIN VALVE FAILS CLOSED	12/31/98
3.517D	FW HEATER 15B DRAIN VALVE FAILS OPEN	12/31/98

TEST NO	TITLE	TESTING DATE COMMITMENT
3.518C	FW HEATER 14B DRAIN VALVE FAILS CLOSED	12/31/98
3.519B	FW HEATER 13C DRAIN VALVE FAILS OPEN	12/31/98
3.520A	FW HEATER 12C DRAIN VALVE FAILS CLOSED	12/31/98
3.520E	FW HEATER 16C DRAIN VALVE FAILS CLOSED	12/31/98
3.521D	FW HEATER 15A DUMP VALVE FAILS OPEN	12/31/98
3.522C	FW HEATER 14A DUMP VALVE FAILS CLOSED	12/31/98
3.523B	FW HEATER 13B DUMP VALVE FAILS OPEN	12/31/98
3.524A	FW HEATER 12B DUMP VALVE FAILS CLOSED	12/31/98
3.524E	FW HEATER 16B DUMP VALVE FAILS CLOSED	12/31/98
3.525D	FW HEATER 15C DUMP VALVE FAILS OPEN	12/31/98
3.526C	FW HEATER 14C DUMP VALVE FAILS CLOSED	12/31/98
3.527D	STEAM LEAK DET NUMAC TIS25-101D FAILS	12/31/98
3.528D	RHR CHTMNT SPRAY VALVE FO21B FAILS AS-IS	12/31/98
5.04B	SRV OPENS AT RATED POWER	12/31/98
5.07D	LOSS OF SAFEGUARD BUS D14 (EMERG POWER)	12/31/98
5.09D	LOSS OF NON-SAFEGUARD LOAD CENTER 114D	12/31/98
5.09H	LOSS OF NON-SAFEGUARD LOAD CENTER 124D	12/31/98
5.09J	LOSS OF NON-SAFEGUARD LOAD CENTER 122	12/31/98
5.10D	LOSS OF 120 VAC INSTRUMENT BUS 10Y104	12/31/98
5.10K	LOSS OF 120 VAC INSTRUMENT BUS 10Y202	12/31/98
5.10M	LOSS OF 120 VAC RPS/UPS BUS 1BY160	12/31/98
5.11D	LOSS OF 125/250 VDC BUS 1DD015	12/31/98
5.14	TOTAL LOSS OF SERVICE WATER	12/31/98
5.17B	TRIP OF TWO REACTOR FEEDWATER PUMPS	12/31/98
5.17F	TRIP OF ONE CONDENSATE PUMP	12/31/98
5.22A	FUEL CLADDING FAILURE AT 100% SEVERITY	12/31/98
5.25B	RECIRC PUMP M/A STATION FAILS LOW	12/31/98
5.30B	MAIN FEED LINE B BREAK OUTSIDE DRYWELL	12/31/98

LIMERICK GENERATING STATION TRAINING SIMULATOR  
TESTING TO BE PERFORMED IN 1998

TEST NO	TITLE	TESTING DATE COMMITMENT
5.35A	EHC PRESSURE REGULATOR FAILS HIGH	12/31/98
5.36A	CLOSURE OF ONE MSIV	12/31/98
6.10	STEADY STATE PERF @ 25% PWR FOR 1 HR.	12/31/98
6.11	STEADY STATE PERF @ 75% PWR FOR 1 HR.	12/31/98
6.12	STEADY STATE PERF @ 100% PWR FOR 1 HR.	12/31/98
7.01	MANUAL SCRAM	01/31/98
7.02	SIMULTANEOUS TRIP OF ALL FEEDWATER PUMPS	12/31/98
7.03	CLOSURE OF ALL MSIVS AT RATED POWER	12/31/98
7.04	TRIP OF BOTH RECIRC PUMPS AT RATED POWER	12/31/98
7.05	SINGLE RECIRC PUMP TRIP	12/31/98
7.06	TURBINE TRIP WITHIN BYPASS CAPABILITY	12/31/98
7.07	MAXIMUM RATE POWER RAMP	12/31/98
7.08	RECIRC LOOP RUPTURE W/ LOSS OFFSITE PWR	12/31/98
7.09	MAX SIZE UNISOLABLE MSL RUPTURE	12/31/98
7.10	BWR TMI EQUIVALENT SCENARIO	12/31/98