

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9108280256 DOC.DATE: 91/08/21 NOTARIZED: NO DOCKET #  
 FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528  
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530

AUTH.NAME AUTHOR AFFILIATION  
 LEVINE,J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power  
 RECIP.NAME RECIPIENT AFFILIATION  
 MARTIN,J.B. Region 5 (Post 820201)

SUBJECT: Forwards reexam matl & list of operators for requalification  
 exam scheduled to begin 910909.

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Arizona Public Service Company  
PALO VERDE NUCLEAR GENERATING STATION  
P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

JAMES M. LEVINE  
VICE PRESIDENT  
NUCLEAR PRODUCTION

161-04121-JML/GEC

August 21, 1991

Docket Nos. STN 50-528/529/530

Mr. John B. Martin  
Regional Administrator, Region V  
U. S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596-5368

Reference: (A) Letter from J. M. Levine (APS) to J. B. Martin (USNRC-Region V),  
dated July 5, 1991; Subject: Requalification Examination  
Material and List of Proposed Operators

(B) Letter from J. M. Levine (APS) to J. B. Martin (USNRC-Region V),  
dated July 31, 1991; Subject: Operator License Re-applications

(C) Letter from J. M. Levine (APS) to J. B. Martin (USNRC-Region V),  
dated April 4, 1991; Subject: Operator Licensing Examination  
Material

Dear Mr. Martin:

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Units 1, 2, and 3  
Reexamination Material and List of Operators for Requalification  
Examination  
File: 91-005-419.06

Arizona Public Service Company (APS) provided, with Reference (A), a list of proposed operators (including crew composition) for the upcoming Requalification Program Evaluation scheduled to begin at PVNGS on September 9, 1991. Senior operator Steven L. Quan, who was included on the list enclosed with Reference (A), will not be examined during this evaluation visit. His position on Administrative Crew 1 will be filled by senior operator Erik M. Flodin. This change was discussed during a telephone conversation on August 1, 1991, between Mr. G. W. Johnston of your staff and representatives of the PVNGS Nuclear Training Department, and is reflected in Enclosure A.

Additionally, as requested by Mr. G. W. Johnston during the above cited telephone conversation, APS has provided to the NRC contractor, EG&G, appropriate reference material for use in developing the reexamination requested in Reference (B). This reference material consists of the examination material previously provided to Pacific Northwest Laboratory-Battelle by copy of Reference (C), as well as

9108280256 910821  
PDR ADOCK 05000528  
V PDR

TEA2 11



Mr. John B. Martin  
U.S. Nuclear regulatory Commission  
Reexamination Material and List of Operators for Requalification Examination  
Page Two

additional examination material provided by APS to EG&G. Arrangements were made for the transfer of examination material from Pacific Northwest Laboratory - Battelle to EG&G. This material was indexed in the Enclosure to Reference (C).

Additional material, indexed in Enclosure B, has been provided directly to Mr. J. F. Hanek of EG&G by APS and includes supplementary examination material and replacement copies for those PVNGS procedures that were revised subsequent to the submittal of Reference (C). These replacement procedures should be substituted on a one-for-one basis for those previously provided by Reference (C). This material, taken together, constitutes the reference material for use in developing the reexamination.

Please call Gary Clyde at (602) 340-4252 with any questions.

Sincerely,



JML/GEC/gec

Enclosures

cc: W. F. Conway (9082)  
Document Control Desk  
D. F. Kirsch  
L. F. Miller  
G. W. Johnston  
D. H. Coe  
J. F. Hanek (EG&G)  
A. C. Gehr  
A. H. Gutterman



**ENCLOSURE A**

**LIST OF OPERATORS, INCLUDING CREW COMPOSITION,  
FOR 1991 REQUALIFICATION EXAMINATION**

**LIST OF OPERATORS (IDENTIFIED BY DOCKET NUMBERS),  
INCLUDING CREW COMPOSITION,  
FOR 1991 REQUALIFICATION EXAMINATION**

**Unit 1, Crew C**

David C. Burns (55-9063)  
Paul J. Kirker (55-50189)  
Robert S. McKinney (55-50009)  
William K. Myers (55-50114)  
Mark S. Johnson (55-50435)

**Unit 1, Crew E**

James R. Niedermeyer (55-9077)  
Steven L. Wackenstedt (55-50283)  
Thomas E. Holtzclaw (55-50482)  
James H. Graves, Jr. (55-50275)  
Alan M. Malley (55-50363)

**Unit 2, Crew B**

Daniel N. Ensign (55-9103)  
James A. Proctor (55-50281)  
Kenneth B. Thommen (55-50352)  
Keith A. Cardillo (55-50444)  
Scott J. Brzezinski (55-50360)

**Unit 3**

Stephen W. Ryan (55-9075)  
Cecil A. Anderson (55-3581)  
Michael A. O'Leary (55-50354)  
Nicholas Pappas (55-50365)  
William J. McCall, Jr. (55-50279)

**Administrative Crew 1**

Donna L. Best (55-50008)  
Earl R. Bethke (55-9097)  
Thomas C. Cannon, Jr. (55-7563)  
Michael R. Evans (55-9086)  
Erik M. Flodin (55-9085)

**Administrative Crew 2**

William J. Rudolph (55-9125)  
Allan P. Peroutka (55-5847)  
Thomas E. Stahler (55-50118)  
Walter E. Stearns (55-5676)  
David M. Smith (55-8340)





**ENCLOSURE B**

**INDEX OF SUPPLEMENTARY AND REPLACEMENT REFERENCE MATERIAL**

**FOR SEPTEMBER 1991 REEXAMINATION**

**(TRANSMITTED DIRECTLY TO J. F. HANEK, EG&G)**



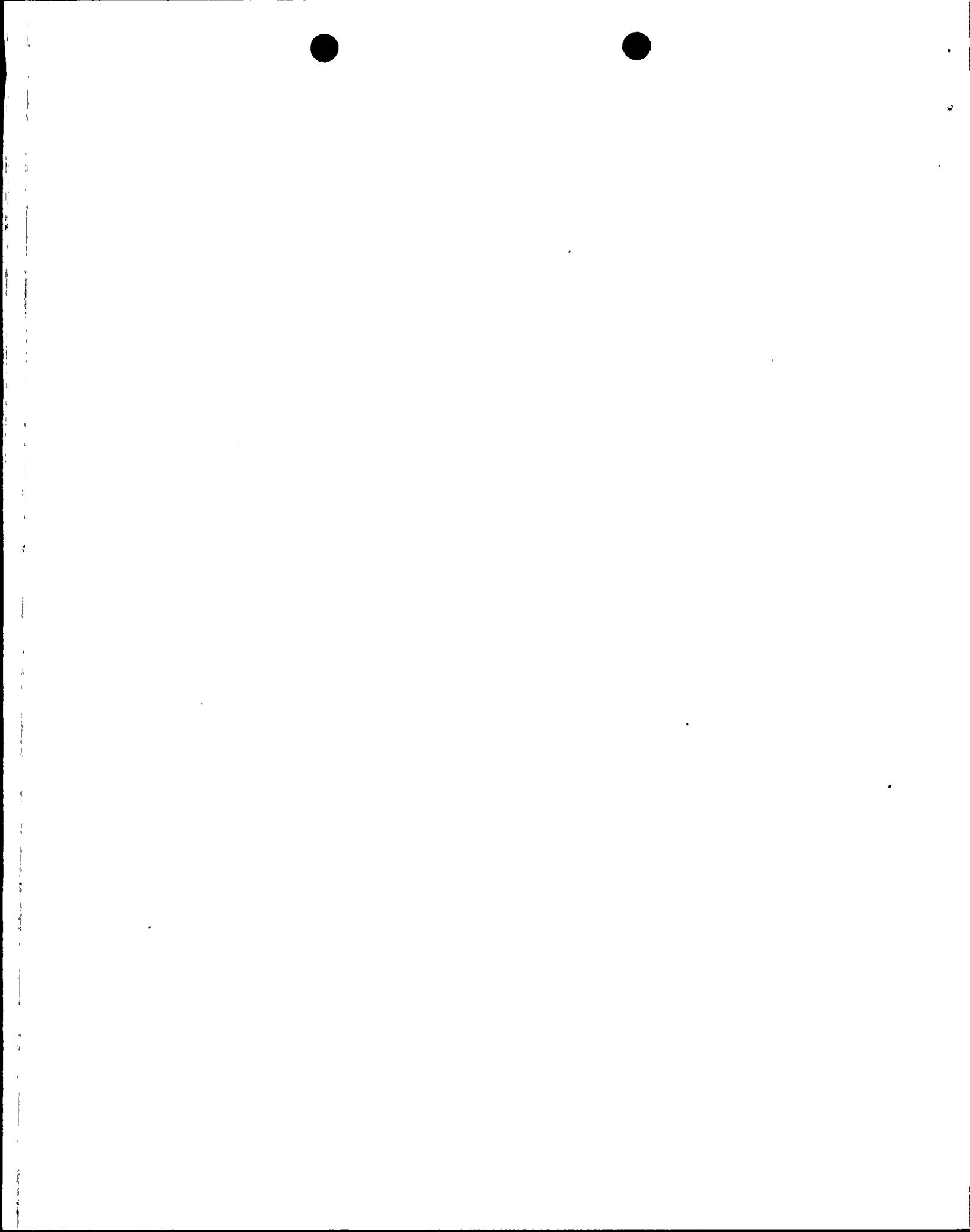
## EVALUATION SCENARIOS

<u>NUMBER</u>	<u>TITLE</u>
050	TOTAL LOSS OF FEEDWATER
051	LOSS OF SECONDARY COOLANT
052	DEGRADED CONDENSER VACUUM
053	NCW/RCP MALFUNCTION/REACTOR TRIP
054	EXCESS STEAM DEMAND
055	SMALL LOCA (PRESSURIZER STEAM SPACE)
056	FEEDWATER RUPTURE OUTSIDE CONTAINMENT
057	REACTOR STARTUP
058	LARGE LOCA
059	SMALL LOCA
060	ATWS
061	FUNCTIONAL RECOVERY SMALL LOCA W/O HPSI
062	LOSS OF FEEDWATER
063	LOSS OF FORCED CIRCULATION
064	SIT LEAK/LARGE LOCA
065	STEAM GENERATOR TUBE RUPTURE
066	STUCK OPEN SPRAY VALVE W/DROPPED CEA

VOLUME I

<u>JPM NUMBER</u>	<u>TITLE</u>
1. AF008-J-C/R-01	DETERMINE THAT AUXILIARY FEEDWATER PUMP AFB-P01 AND SYSTEM IS OPERABLE
2. AF011-J-C/R-01	DETERMINE IF AFAS RESET IS ALLOWABLE
3. CD003-J-C/R-01	RESPOND TO A PARTIAL LOSS OF CONDENSER VACUUM
4. CH001-J-C/R-02	DILUTE THE RCS
5. CH002-J-C/R-01	EQUALIZE PRESSURIZER BORON CONCENTRATION WITH THAT OF THE RCS
6. CH003-J-C/R-04	PERFORM A BORATION OF THE RCS
7. CH004-J-C/R-03	EMERGENCY BORATE FROM RWT (CH-HV-536)
8. CH005-J-C/R-02	RESTORE LETDOWN (NO SYSTEM FAULTS)
9. CH006-J-C/R-01	SWITCH THE RUNNING ORDER OF CHARGING PUMPS
10. CP001-J-C/R-01	PLACE THE CONTAINMENT POWER ACCESS PURGE SUBSYSTEM IN SERVICE
11. DG006-J-C/R-01	PERFORM DG A TESTING REQUIRED WHEN DG B IS DECLARED INOPERABLE
12. EM001-J-C/R-02	PERFORM SECONDARY OPERATOR SAFETY FUNCTIONS AFTER A REACTOR TRIP

<u>JPM NUMBER</u>	<u>TITLE</u>
13. EM002-J-C/R-01	PERFORM PRIMARY OPERATOR IMMEDIATE ACTIONS FOR A REACTOR TRIP
14. EP001-J-C/R-03	PERFORM THE ACTIONS NECESSARY IF THE REACTOR FAILS TO TRIP WHEN REQUIRED (ATWS)
15. EP002-J-C/R-01	PERFORM IMMEDIATE ACTIONS PRIOR TO EVACUATING THE CONTROL ROOM PER SHUTDOWN OUTSIDE THE CONTROL ROOM (OTHER THAN FIRE)
16. EP003-J-C/R-01	TAKE ALL IMMEDIATE ACTIONS PRIOR TO EVACUATING THE CONTROL ROOM DUE TO A FIRE
17. EP005-J-C/R-04	PERFORM ISOLATION OF EQUIPMENT TO MINIMIZE THE RELEASE TO THE ENVIRONMENT DURING A STEAM GENERATOR TUBE LEAK EVENT
18. EP006-J-C/R-01	RESETTING AN AUXILIARY FEEDWATER ACTUATION SIGNAL
19. EP007-J-C/R-01	RESTORE AUXILIARY FEEDWATER EQUIPMENT TO STANDBY AFTER AN AFAS
20. EP008-J-C/R-01	VERIFY RESET CRITERIA AND RESET MSIS
21. EP009-J-C/R-02	RESET SIAS/CIAS FOLLOWING AN ACTUATION



<b><u>JPM NUMBER</u></b>	<b><u>TITLE</u></b>
22. EP010-J-C/R-03	VERIFY NATURAL CIRCULATION PER 41EP-1ZZ01
23. EP011-J-C/R-02	RESTORE EQUIPMENT TO STANDBY FOLLOWING A CSAS
24. EW001-J-C/R-01	RECOVER FROM CROSS-TIE OF ESSENTIAL COOLING WATER TO NUCLEAR COOLING WATER PRIORITY LOADS
25. FT001-J-C/R-01	START FEEDWATER PUMP TURBINE A AND ACCELERATE TO 1,000 RPM
26. FW004-J-C/R-01	RECOVER FROM A LOSS OF MAIN FEEDWATER
27. HF001-J-C/R-01	OPERATE THE FUEL BUILDING ESSENTIAL VENTILATION SYSTEM
28. HP001-J-C/R-01	PLACE THE A TRAIN HYDROGEN MONITOR IN SERVICE, DURING A LOSS OF COOLANT ACCIDENT
29. HP007-J-C/R-01	START UP THE TRAIN B HYDROGEN PURGE SYSTEM
30. MB001-J-C/R-02	TRANSFER GENERREX FROM AC TO DC MODE
31. MB002-J-C/R-01	TRANSFER GENERREX FROM DC BACK TO AC MODE
32. MB005-J-C/R-01	SYNCHRONIZE MAIN GENERATOR ONTO THE GRID



<u>JPM NUMBER</u>	<u>TITLE</u>
33. MB006-J-C/R-01	APPLY EXCITATION TO THE MAIN GENERATOR
34. MT010-J-C/R-01	MANUALLY TRIP THE TURBINE GENERATOR
35. MT013-J-C/R-01	PERFORM BACKUP TRIP TEST OF MAIN TURBINE
36. MT014-J-C/R-01	PERFORM OVERSPEED TRIP TEST OF MAIN TURBINE
37. NA001-J-C/R-02	MANUAL TRANSFER OF 13.8KV BUS TO UNIT AUXILIARY TRANSFORMER
38. NC001-J-C/R-01	ALIGN ESSENTIAL COOLING WATER TRAIN A TO SUPPLY NUCLEAR COOLING WATER LOADS
39. NC002-J-C/R-01	PERFORM CONTROL ROOM ACTIONS FOR A LOSS OF NUCLEAR COOLING WATER WITHOUT CAPABILITY TO CROSS-TIE WITH EW

VOLUME II

<u>JPM NUMBER</u>	<u>TITLE</u>
1. RC003-J-C/R-02	RESPOND TO PRESSURIZER SPRAY MALFUNCTION
2. RC016-J-C/R-01	DETERMINE SUBCOOLED MARGIN WITH SUBCOOLED MARGIN METER AND QSPDS BOTH OUT OF ORDER
3. RC018-J-C/R-01	PERFORM PRESSURIZER HEATER CONTROL SUCCESS PATH PER 41R0-1ZZ10
4. RC021-J-C/R-01	RESPOND TO PRESSURIZER LEVEL CHANNEL FAILURE
5. RC022-J-C/R-01	DETERMINE WHETHER A SAFETY VALVE IS FULLY SEATED
6. RC026-J-C/R-01	DETERMINE RCS LEAK RATE FOR SUSPECTED S/G TUBE LEAK
7. RC028-J-C/R-00	RESPOND TO REACTOR DRAIN TANK HIGH TEMPERATURE AND EVALUATE FOR PRESSURIZER RELIEF VALVE LEAKAGE
8. RR001-J-C/R-01	RESPOND TO REACTOR REGULATING SYSTEM INPUT FAILURE - TCOLD FAILS HIGH
9. SA001-J-C/R-01	MANUAL ACTUATION OF ESF AT THE AUXILIARY RELAY CABINETS
10. SA004-J-C/R-01	MANUALLY INITIATE MSIS FROM B05



<b><u>JPM NUMBER</u></b>	<b><u>TITLE</u></b>
11. SA005-J-C/R-01	MANUALLY INITIATE AFAS-1 AND AFAS-2 FROM B05
12. SA006-J-C/R-01	RESPOND TO AN INADVERTENT CSAS
13. SA008-J-C/R-02	RECOVERY FROM AN INADVERTENT SIAS/CIAS
14. SB004-J-C/R-01	REMOVE ONE INOPERABLE CEAC FROM SERVICE
15. SE002-J-C/R-01	RECOGNIZE AND RESPOND TO A LOSS OF POWER RANGE INSTRUMENTATION (SAFETY)
16. SF001-J-C/R-02	REMOVE THE REACTOR POWER CUTBACK SYSTEM FROM SERVICE
17. SF002-J-C/R-01	MANUALLY SELECT CEA SUBGROUP 4, FOR AUTOMATIC ACTUATION FOR A LOSS OF FEEDPUMP EVENT
18. SF003-J-C/R-01	STABILIZE AFTER AN RRS MALFUNCTION (Tc FAILED HIGH)
19. SF006-J-C/R-01	MONITOR TURBINE RESPONSE AFTER RPCB (LOSS OF FEEDPUMP)
20. SF010-J-C/R-01	RESPOND TO AWP ALARM
21. SF011-J-C/R-02	OPERATE SBCS WITH MASTER CONTROLLER IN MANUAL MODE (MODE 3)
22. SF012-J-C/R-02	PLACE THE SBCS MASTER CONTROLLER IN REMOTE AUTO MODE

<u>JPM NUMBER</u>	<u>TITLE</u>
23. SF013-J-C/R-01	RESPOND TO A CONTINUOUS CEA INSERTION
24. SF014-J-C/R-01	RESTORE A DROPPED CEA TO ITS CORRECT POSITION
25. SF017-J-C/R-01	MANUALLY INITIATE CUTBACK FOR LOSS OF FEEDWATER PUMP TURBINE
26. SF018-J-C/R-01	PLACE REACTOR POWER CUTBACK SYSTEM IN SERVICE (TAKE OUT OF AA00S)
27. SF020-J-C/R-01	SWITCH THE SBCS MASTER CONTROLLER TO LOCAL AUTOMATIC MODE
28. SF025-J-C/R-01	RESET REACTOR POWER CUTBACK SYSTEM FOLLOWING LOCKUP (STALL)
29. SG006-J-C/R-01	MAINTAIN ADEQUATE HEAT REMOVAL THROUGH STEAM GENERATORS DURING LOSS OF FORCED CIRCULATION
30. SG015-J-C/R-01	MAINTAIN ADEQUATE RCS HEAT REMOVAL VIA THE S/Gs DURING A PLANT BLACKOUT
31. SG016-J-C/R-01	MONITOR S/G OPERATION DURING NORMAL OPERATION
32. SH001-J-C/R-01	OPERATE THE CORE EXIT THERMOCOUPLES DISPLAY SYSTEM. OPERATE THE QSPDS MODULE ON B04



<u>JPM NUMBER</u>	<u>TITLE</u>
33. SI001-J-C/R-01	PERFORM REQUIRED ACTIONS AFTER A RAS
34. SI002-J-C/R-01	PRESSURIZE A SAFETY INJECTION TANK
35. SI003-J-C/R-01	STOP SI FLOW AFTER A SIAS/CIAS THAT WAS NOT REQUIRED
36. SI005-J-C/R-01	THROTTLE HPSI FLOW DURING SMALL LOCA
37. SI013-J-C/R-01	RESET 786 LOCKOUT ON LPSI PUMP FROM CONTROL ROOM
38. SI014-J-C/R-01	ALIGN IODINE REMOVAL SYSTEM FOR AUTOMATIC OPERATION
39. SI020-J-C/R-01	DRAIN SAFETY INJECTION TANK 1B
40. SI021-J-C/R-01	FILL THE 1A SAFETY INJECTION TANK
41. SI026-J-C/R-01	DETERMINE IF SAFETY INJECTION FLOW IS ADEQUATE FOR RCS PRESSURE
42. SI030-J-C/R-01	IN ORDER TO EMERGENCY BORATE, OPERATE HPSI PUMPS IN LIEU OF CHARGING PUMPS
43. SI034-J-C/R-01	PERFORM CONTAINMENT SPRAY PUMPS ASME SECTION XI TESTS
44. SI035-J-C/R-01	PERFORM QUARTERLY IODINE REMOVAL SCAP DISCHARGE PRESSURE TEST





<u>JPM NUMBER</u>	<u>TITLE</u>
1. AF002-J-PLT-02	START AND ALIGN FEEDWATER TO BOTH STEAM GENERATORS FROM THE REMOTE SHUTDOWN PANEL, USING THE A TRAIN AUXILIARY FEEDWATER PUMP AFA-P01
2. AF003-J-PLT-02	FEED STEAM GENERATOR USING B TRAIN CLASS AUXILIARY FEEDWATER PUMP, FROM THE REMOTE SHUTDOWN PANEL
3. AF005-J-PLT-03	RESET ESSENTIAL AUXILIARY FEEDWATER PUMP AFA-P01 OVERSPEED TRIP DEVICE
4. AF006-J-PLT-03	SWITCH AUXILIARY FEEDWATER PUMPS TO BACKUP WATER SOURCE
5. AF009-J-PLT-02	CONTROL S/G LEVELS FROM REMOTE SHUTDOWN PANEL USING AFB-P01 PER 41A0-1ZZ44, SHUTDOWN OUTSIDE THE CONTROL ROOM DUE TO FIRE AND/OR SMOKE
6. AF012-J-PLT-02	OPERATE AUXILIARY FEEDWATER SYSTEM DURING SHUTDOWN OUTSIDE CONTROL ROOM DUE TO FIRE OR SMOKE - SWITCH TO RMWT AFW SOURCE
7. AF014-J-PLT-02	CONTROL S/G LEVELS FROM REMOTE SHUTDOWN PANEL USING AFB-P01 PER 41A0-1ZZ27, SHUTDOWN OUTSIDE THE CONTROL ROOM



JPM NUMBER

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| 8.  | CD001-J-PLT-02 | PERFORM ACTIONS OUTSIDE THE CONTROL ROOM<br>FOR A STEAM GENERATOR TUBE LEAK  |
| 9.  | CH007-J-PLT-02 | PERFORM OUTSIDE CONTROL ROOM ACTIONS FOR<br>EMERGENCY BORATION OF THE RCS, USING<br>CH-V327 TO SUCTION OF ALL CHARGING PUMPS |
| 10. | CH008-J-PLT-03 | PERFORM OUTSIDE CONTROL ROOM ACTIONS FOR<br>EMERGENCY BORATION USING SPENT FUEL POOL<br>THROUGH CH-HV-536                    |
| 11. | CH009-J-PLT-02 | LINE UP BORATED SOURCE AND ISOLATE RMW<br>DURING CONTROL ROOM FIRE   |
| 12. | CH012-J-PLT-02 | VENT CHARGING PUMPS  |
| 13. | CH018-J-PLT-02 | PREPARE CHARGING PUMP FOR PULSATION<br>DAMPENER ADJUSTMENT DURING PLANT<br>COOLDOWN  |
| 14. | DG002-J-PLT-03 | PERFORM DG PRE-START CHECKLIST PER<br>41ST-DG01  |
| 15. | DG003-J-PLT-04 | DIESEL GENERATOR B SEQUENCING, SHUTDOWN<br>OUTSIDE CONTROL ROOM, FIRE/SMOKE  |
| 16. | EM005-J-PLT-01 | MANUALLY LOCALLY START THE ESSENTIAL<br>STEAM DRIVEN AUXILIARY FEEDWATER PUMP,<br>AFA-P01                                    |



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|-----|----------------|---|
| 17. | EM006-J-PLT-01 | MANUALLY OPEN S/G DOWNCOMER UPSTREAM<br>CONTAINMENT ISOLATION VALVE SGA-UV-172  |
| 18. | EM007-J-PLT-01 | PERFORM ALTERNATE METHOD OF SG LEVEL<br>CONTROL BY LOCAL MANUAL START-UP OF THE<br>NON-ESSENTIAL AUXILIARY FEED PUMP<br>AFN-P01 |
| 19. | EM008-J-PLT-02 | MANUALLY CLOSE THE NON-ESSENTIAL<br>AUXILIARY FEEDWATER PUMP 4.16KV BREAKER<br>PBA-S03S   |
| 20. | EM009-J-PLT-01 | OPEN DOWNCOMER FWIV SGA-UV-172 USING THE<br>SOLENOID VALVE BYPASS   |
| 21. | FT002-J-PLT-02 | TRIP MAIN FEED PUMPS DURING A CONTROL<br>ROOM EVACUATION DUE TO A FIRE  |
| 22. | HP003-J-PLT-02 | LOCALLY MONITOR OPERATION OF HYDROGEN<br>PURGE SYSTEM   |
| 23. | MT002-J-PLT-05 | TRIP MAIN TURBINE DURING A CONTROL ROOM<br>EVACUATION DUE TO A FIRE   |
| 24. | NC005-J-PLT-02 | PERFORM LOCAL ACTIONS TO SUPPLY NUCLEAR<br>COOLING WATER PRIORITY LOADS FROM<br>ESSENTIAL COOLING WATER SYSTEM B                |
| 25. | NC006-J-PLT-02 | BACKUP ESSENTIAL COOLING WATER WITH<br>NUCLEAR COOLING WATER  |



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| 26. | PN001-J-PLT-02 | POWER UP A CLASS INVERTER  |
| 27. | RC004-J-PLT-03 | STARTING CHARGING PUMP B OUTSIDE THE<br>CONTROL ROOM   |
| 28. | RC005-J-PLT-02 | ENERGIZE B TRAIN PRESSURIZER HEATERS<br>FROM THE REMOTE SHUTDOWN PANEL   |
| 29. | RC006-J-PLT-02 | REDUCE PRESSURIZER PRESSURE USING<br>AUXILIARY SPRAY FROM THE REMOTE SHUTDOWN<br>PANEL   |
| 30. | RC007-J-PLT-02 | TRIP RCPs AND PULL UC FUSES DURING A<br>CONTROL ROOM EVACUATION DUE TO A FIRE  |
| 31. | RC023-J-PLT-01 | MONITOR RCS FOR SAFETY FUNCTIONS FROM<br>REMOTE SHUTDOWN PANEL - VERIFY NATURAL<br>CIRCULATION PER APPENDIX H OF 41A0-<br>1ZZ44, SHUTDOWN OUTSIDE CONTROL ROOM DUE<br>TO FIRE AND/OR SMOKE |
| 32. | RC027-J-PLT-01 | MAINTAIN SAFETY FUNCTIONS AT REMOTE<br>SHUTDOWN PANEL - VERIFY NATURAL<br>CIRCULATION AND ENHANCE AS REQUIRED  |
| 33. | SF007-J-PLT-01 | PERFORM REACTOR TRIP SUCCESS PATH,<br>OUTSIDE THE CONTROL ROOM   |
| 34. | SG008-J-PLT-03 | OPERATE ADV FROM THE REMOTE SHUTDOWN<br>PANEL  |





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|-----|----------------|--|
| 35. | SG009-J-PLT-01 | FOR SHUTDOWN OUTSIDE THE CONTROL ROOM<br>PERFORM DUTIES OF NUCLEAR OPERATOR No.<br>2, APPENDIX B, 41A0-1ZZ27 |
| 36. | SG010-J-PLT-05 | OPERATE THE ATMOSPHERIC DUMP VALVES<br>(ADV'S) MANUALLY  |
| 37. | SI017-J-PLT-01 | FILL SPRAY CHEMICAL ADDITION TANK  |
| 38. | SI032-J-PLT-01 | REFILL CONTAINMENT SPRAY HEADER B  |
| 39. | SI039-J-PLT-01 | VERIFY THAT A COMPONENT IS ACTUALLY<br>MALFUNCTIONING IN RESPONSE TO A SESS<br>INDICATION                    |

# **SIMULATOR CAPABILITIES MANUAL**



PROCEDURE CHANGE LIST

VOLUME I

<u>NUMBER</u>	<u>PROCEDURE TITLE</u>	<u>EFFECTIVE</u>
400P-9ZZ11	MODE CHANGE CHECKLIST	08/03/91
41AL-1RK1C	PANEL B01C ALARM RESPONSE	07/10/91
41AL-1RK5B	PANEL B05B ALARM RESPONSE	06/12/91
41AL-1RK6B	PANEL B06B ALARM RESPONSE	06/28/91
41AL-1RK7B	PANEL B07B ALARM RESPONSE	07/19/91

PROCEDURE CHANGE LIST

VOLUME II

<u>NUMBER</u>	<u>PROCEDURE TITLE</u>	<u>EFFECTIVE</u>
41A0-1ZZ14	EXCESSIVE RCS LEAKRATE	08/02/91
410P-1MT02	MAIN TURBINE (MT)	07/20/91
410P-1PB01	4.16KV CLASS IE POWER (PB)	07/23/91
410P-1TC01	TURBINE COOLING WATER	07/13/91
410P-1ZZ01	COLD SHUTDOWN TO HOT STANDBY (MODE 5 TO MODE 3)	08/03/91
410P-1ZZ03	REACTOR STARTUP	08/03/91
410P-1ZZ15	NUCLEAR OPERATOR AND OPERATIONS SUPPORT PERSONNEL WORK/STATIONS	08/01/91
41ST-1CT01	CONDENSATE TRANSFER PUMP OPERABILITY	06/18/91
41ST-1EW02	ESSENTIAL COOLING WATER PUMP OPERABILITY 4.0.5	07/18/91
41ST-1PB01	CLASS IE POWER SUPPLY TRANSFER 4.8.1.1.1.B	07/13/91
74RM-9EF40	RADIATION MONITORING SYSTEM OPERATIONS	07/25/91

