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 AUTH.NAME AUTHOR AFFILIATION
 PLUNKETT,T.F. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 PEBLES,T.A. Region 2 (Post 820201)

SUBJECT: Forwards plant procedures & training material provided for preparation of licensing exams for reactor operator group XV & SRO upgrade 94,scheduled for week of 950227.

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L-94-292

Mr. Thomas A. Peebles, Chief
Operations Branch, Division of Reactor Safety, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, N. W., Suite 2900
Atlanta, GA 30323

Dear Mr. Peebles:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Operator License Examinations
Scheduled for the Week of February 27, 1995

This letter is notification of the Florida Power & Light Company (FPL) shipment of reference material requested by NRC letter dated November 2, 1994, to the examiner and address listed below:

Attn: Mr. Richard S. Baldwin
U. S. Nuclear Regulatory, Commission, Region II
101 Marietta Street, N. W., Suite 2900
Atlanta, Georgia 30323

The reference material was shipped to NRC Region II, on November 23, 1994. An index of the reference material is attached for your information.

The examiners are requested to retain the reference material so it can be used during the license examination scheduled for February 1995.

Should you require any additional information, please contact Mr. R. W. Lindsey at (305) 246-6649.

Very truly yours,

T. F. Plunkett
T. F. Plunkett
Vice President
Turkey Point Plant

TFP/OIH

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Charles W. Casto, Chief, Operator Licensing Section 2, Region II, USNRC
Document Control Desk, USNRC
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant

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**PLANT PROCEDURES
AND TRAINING MATERIAL
PROVIDED FOR PREPARATION
OF LICENSING EXAMS
FOR**

**REACTOR OPERATOR GROUP XV
AND
SENIOR REACTOR OPERATOR
UPGRADE '94**



November 22, 1994

NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

MATERIAL LISTINGS

Complete Listing of Material Provided for Exam Preparation
Upgrade Procedure Index
Basis Document Index

PLANT PROCEDURES

Administrative Procedures
General Operating Procedures
Operating Procedures (4 Books)
Off-normal Operating Procedures (2 Books)
Annunciator Response Procedures
Fuel Handling Procedures
Emergency Operating Procedures (2 Books)
EOP Basis Documents (4 Books)
Emergency Plan Implementing Procedures
Surveillance Procedures

SYSTEM DESCRIPTIONS - 5 Books

LESSON PLANS

System Description Lesson Plans (5 Books)
Emergency Operating Procedure Lesson Plans (5 Books)
Off-normal Operating Procedure Lesson Plans (2 Books)
Administrative Procedure Lesson Plans (2 Books)
Emergency Plan Implementing Procedure Lesson Plans

EXAM BANKS

Systems Exam Bank (2 Books)
Emergency Operating Procedure Exam Bank
Off-normal Procedure Exam Bank
Administrative Procedure Exam Bank
Emergency Plan Implementing Procedure Exam Bank
Technical Specifications

JOB PERFORMANCE MEASURES - 4 Books

OTHER PLANT REFERENCE/TRAINING MATERIALS

Technical Specifications with Position Statements
Plant Curve Book
Simulator Information & Simulator Scenarios (3 Books)
Plant Drawings / Logics & Control Diagrams



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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

ADMINISTRATIVE PROCEDURES

0-ADM-031	04/12/94	Independent Verification
0-ADM-102	06/21/94	On The Spot Changes to Procedures
0-ADM-103	06/21/94	Temporary Procedures
0-ADM-115	09/13/94C	Notification Plant Events
0-ADM-200	11/03/94	Conduct of Operations
0-ADM-201	10/07/93	Upgrade Operations Procedure Usage
0-ADM-202	03/24/94	Shift Relief and Turnover
0-ADM-203	01/28/93	Shift Operating Practices
0-ADM-204	03/24/94	Operations Narrative Logbooks
0-ADM-205	03/02/93	Administrative Control of Valves, Locks, and Switches
0-ADM-207	10/26/93	Operations Instructions in the Event of a Situation Not Addressed by Procedure
0-ADM-208	01/06/94	Secondary Plant Chemistry Control and Limits
0-ADM-211	10/12/93	Emergency and Off-Normal Operating Procedures Usage
0-ADM-212	11/03/94	In-Plant Equipment Clearance Orders
0-ADM-213	09/20/94	Technical Specification Related Equipment Out-of-Service Logbook
0-ADM-214	10/14/93	Administrative Controls of Defeated Annunciators
0-ADM-503	03/15/94	Control and Use of Temporary System
0-ADM-536	04/14/94	Technical Specification Position Statements
0-ADM-600	02/24/94	Health Physics Manual
0-ADM-701	08/18/94	Control of Plant Work Activities

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

GENERAL OPERATING PROCEDURES

3-GOP-103	09/06/94	Power Operation to Hot Standby
3-GOP-301	09/13/94	Hot Standby to Power Operation
3-GOP-305	09/06/94	Hot Standby to Cold Shutdown
3-GOP-503	09/20/94	Cold Shutdown to Hot Standby

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

OPERATING PROCEDURES

Book 1

0-OP-003.1	04/19/94	125 V Vital DC System
0-OP-003.2	12/17/92	125 V Auxiliary DC System
0-OP-003.3	09/06/94	120 V Vital Instrument AC System
0-OP-003.4	04/05/94	Auxiliary 120 V AC System
3-OP-005	04/19/94	4160 Volt Buses A and B
3-OP-005.1	10/07/93	4160 Volt Bus C
3-OP-006	05/05/94	480 Volt Switchgear System
3-OP-007	03/09/93	480 Volt Motor Control Centers
3-OP-008	11/08/93	Turbine Plant Cooling Water
3-OP-013	09/15/94	Instrument Air System

Book 2

3-OP-019	10/04/94	Intake Cooling Water System
3-OP-023	09/02/94	Emergency Diesel Generator
0-OP-025	08/12/93	Control Room Ventilation System
3-OP-028	03/31/92	Control Rod Drive M-G Set Operation
3-OP-030	09/27/94	Component Cooling Water System

Book 3

3-OP-041.1	09/10/93	Reactor Coolant Pump
3-OP-041.2	09/20/94	Pressurizer Operation
3-OP-041.3	04/29/94	Pressurizer Relief Tank
3-OP-041.4	10/21/92	Overpressure Mitigating System
3-OP-041.7	03/10/94	Draining the Reactor Coolant System
3-OP-041.8	05/05/94	Filling and Venting the RCS
3-OP-041.9	06/10/93	Reduced Inventory Operations
0-OP-046	10/06/94	CVCS - Boron Concentration Control
3-OP-047	10/04/94	CVCS - Charging and Letdown
3-OP-050	04/29/94	Residual Heat Removal System

Book 4

0-OP-051.2	07/20/92	Post Accident Containment Vent System
0-OP-053	10/13/94	Containment Purge System
3-OP-062	04/08/94	Safety Injection
3-OP-064	05/26/94	Safety Injection Accumulators
0-OP-066	06/15/93	Area Radiation Monitoring System
3-OP-067	09/27/94	Process Radiation Monitoring System
3-OP-068	04/05/94	Containment Spray System
3-OP-072	05/17/94	Main Steam System
3-OP-073	04/05/94	Condensate System

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

0-OP-074.1	04/06/93	Standby S/G Feedwater System
3-OP-075	04/29/94	Auxiliary Feedwater System
3-OP-087	10/06/94	Turbine Lube Oil System
3-OP-089	09/13/94	Main Turbine
3-OP-094	04/19/94	Containment Post Accident Monitoring Systems

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

OFF-NORMAL OPERATING PROCEDURES

Book 1

3-ONOP-003.4	06/16/94	Loss of DC Bus 3D01 and 3D01A (3A)
3-ONOP-003.5	10/21/92	Loss of DC Bus 3D23 and 3D23A (3B)
3-ONOP-003.6	03/10/94	Loss of 120 V Vital Inst Panel 3P06
3-ONOP-003.7	03/10/94	Loss of 120 V Vital Inst Panel 3P07
3-ONOP-003.8	03/10/94	Loss of 120 V Vital Inst Panel 3P08
3-ONOP-003.9	03/10/94	Loss of 120 V Vital Inst Panel 3P09
3-ONOP-004	09/20/94	Loss of Offsite Power
3-ONOP-004.1	12/14/93	System Restoration Following Loss of Offsite Power
3-ONOP-004.2	06/07/94	Loss of 3A 4KV Bus
3-ONOP-004.3	06/07/94	Loss of 3B 4KV Bus
3-ONOP-004.4	10/06/92	Loss of 3C 4KV Bus
3-ONOP-004.5	07/09/91	Loss of 3D 4KV Bus
3-ONOP-008	03/16/93	Turbine Plant Cooling Water Malfunction
0-ONOP-013	10/04/94	Loss of Instrument Air
3-ONOP-014	02/19/93	Main Condenser Loss of Vacuum
0-ONOP-016.7	03/03/94	Screen Wash Emergency Makeup to the Fire Protection System
3-ONOP-019	04/28/94	Intake Cooling Water Malfunction
3-ONOP-023.2	06/07/94	Emergency Diesel Generator Failure
3-ONOP-028	09/28/93	Reactor Control System Malfunction
3-ONOP-028.1	03/10/94	RCC Misalignment
3-ONOP-028.2	03/10/94	RCC Position Indication Malfunction
3-ONOP-028.3	09/27/94	Dropped RCC
3-ONOP-030	11/02/94	Component Cooling Water Malfunction
3-ONOP-033.1	02/04/93	Spent Fuel Pit (SFP) Cooling System Malfunction
3-ONOP-033.2	06/24/93	Refueling Cavity Seal Failure
3-ONOP-033.3	12/08/92	Accidents Involving New or Spent Fuel
3-ONOP-041.1	11/02/94	Reactor Coolant Pump Off-Normal
3-ONOP-041.3	10/04/94	Excessive Reactor Coolant System Leakage
3-ONOP-041.4	04/05/94	Excessive Reactor Coolant System Activity
3-ONOP-041.5	10/14/93	Pressurizer Pressure Control Malfunction

Book 2

3-ONOP-041.6	02/09/93	C1 Pressurizer Level Control Malfunction
3-ONOP-041.7	10/04/94	Shutdown LOCA [Mode 3 (less than 1000psig) or Mode 4]
3-ONOP-041.8	10/04/94	Shutdown LOCA [Mode 5 or 6]
3-ONOP-046.1	08/12/93	Emergency Boration
0-ONOP-046.3	04/06/93	Loss of Boration Flowpath(s)

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

3-ONOP-046.4	12/23/92	Malfunction of Boron Concentration Control System
3-ONOP-047.1	06/07/94	Loss of Charging Flow in Modes 1 Through 4
3-ONOP-049.1	11/08/93	Deviation or Failure of Safety Related or Reactor Protection Channels
3-ONOP-050	10/04/94	Loss of RHR
3-ONOP-053	05/11/93	Loss of Containment Integrity
3-ONOP-059.4	02/10/94	Excessive Axial Flux Difference
3-ONOP-059.5	12/29/93	Source Range Nuclear Instrumentation Malfunction
3-ONOP-059.6	10/14/93	Backup NIS (Gamma Metrics) Malfunction
3-ONOP-059.7	08/15/92	Intermediate Range Nuclear Instrumentation Malfunction
3-ONOP-059.8	05/05/94	Power Range Nuclear Instrumentation Malfunction
3-ONOP-059.9	08/14/92	Excessive Quadrant Power Tilt Ratio
0-ONOP-066	06/15/93	High Area Radiation Monitoring System Alarm
3-ONOP-067	08/03/93	Radioactive Effluent Release
3-ONOP-071.1	08/25/94	Secondary Chemistry Deviation from Limits
3-ONOP-075	03/30/94	Auxiliary Feedwater System Malfunction
3-ONOP-089	03/10/94	Turbine Runback
3-ONOP-092.1	08/03/94	Main Transformer Malfunction
3-ONOP-092.2	04/05/94	Auxiliary Transformer Malfunction
3-ONOP-092.3	06/15/93	Startup Transformer Malfunction
3-ONOP-092.4	06/15/93C	C Bus Transformer Malfunction
3-ONOP-100	03/23/93	Fast Load Reduction
0-ONOP-105	09/06/94	Control Room Evacuation

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

ANNUNCIATOR RESPONSE PROCEDURE

3-ARP-097.CR 11/02/94 Control Room Annunciator Response

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

FUEL HANDLING PROCEDURES

O-ADM-035	06/23/92	Limitations and Precautions for Handling Fuel Assemblies
OP-16200	10/18/94	Manipulator Crane - Operating Instructions
3-OP-038.1	08/03/94	Preparation for Refueling Activities
3-OP-038.9	04/07/94	Refueling Activities Checkoff List

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

UNIT 3 EMERGENCY OPERATING PROCEDURES

Book 1

3-EOP-E-0	07/07/94	Reactor Trip or Safety Injection
3-EOP-ES-0.0	12/22/92	Rediagnosis
3-EOP-ES-0.1	12/22/92	Reactor Trip Response
3-EOP-ES-0.2	04/06/93	Natural Circulation Cooldown
3-EOP-ES-0.3	03/30/93	Natural Circulation Cooldown With Steam Void In Vessel (With RVLMS) (QSPDS)
3-EOP-ES-0.4	12/22/92	Natural Circulation Cooldown With Steam Void In Vessel (Without RVLMS)
3-EOP-E-1	08/12/93	Loss of Reactor or Secondary Coolant
3-EOP-ES-1.1	04/06/93	SI Termination
3-EOP-ES-1.2	09/28/93	Post LOCA Cooldown and Depressurization
3-EOP-ES-1.3	05/27/93	Transfer to Cold Leg Recirculation
3-EOP-ES-1.4	03/02/93	Transfer to Hot Leg Recirculation
3-EOP-E-2	12/22/92	Faulted Steam Generator Isolation
3-EOP-E-3	09/28/93	Steam Generator Tube Rupture
3-EOP-ES-3.1	03/02/93	Post-SGTR Cooldown Using Backfill
3-EOP-ES-3.2	03/02/93	Post-SGTR Cooldown Using Blowdown
3-EOP-ES-3.3	03/02/93	Post-SGTR Cooldown Using Steam Dump

Book 2

3-EOP-ECA-0.0	07/07/94	Loss of All AC Power
3-EOP-ECA-0.1	12/22/92	Loss of All AC Power Recovery Without SI Required
3-EOP-ECA-0.2	03/30/94	Loss of All AC Power Recovery With SI Required
3-EOP-ECA-1.1	08/12/93	Loss of Emergency Coolant Recirculation
3-EOP-ECA-1.2	02/09/93	LOCA Outside Containment
3-EOP-ECA-2.1	04/06/93	Uncontrolled Depressurization of All Steam Generators
3-EOP-ECA-3.1	09/28/93	SGTR With Loss of Reactor Coolant - Subcooled Recovery Required
3-EOP-ECA-3.2	09/28/93	SGTR With Loss of Reactor Coolant - Saturated Recovery Desired
3-EOP-ECA-3.3	05/14/93	SGTR Without Pressurizer Pressure Control
3-EOP-F-0	12/14/93	Critical Safety Function Status Trees
3-EOP-FR-S.1	05/14/93	Response to Nuclear Power Generation/ATWS
3-EOP-FR-S.2	04/06/93	Response to Loss of Core Shutdown
3-EOP-FR-C.1	05/14/93	Response to Inadequate Core Cooling
3-EOP-FR-C.2	03/09/93	Response to Degraded Core Cooling
3-EOP-FR-C.3	03/09/93	Response to Saturated Core Cooling
3-EOP-FR-H.1	05/14/93	Response to Loss of Secondary Heat Sink

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3-EOP-FR-H.2	02/09/93	Response to Steam Generator Overpressure
3-EOP-FR-H.3	01/27/93	Response to Steam Generator High Level
3-EOP-FR-H.4	03/02/93	Response to Loss of Normal Steam Release Capabilities
3-EOP-FR-H.5	02/19/93	Response to Steam Generator Low Level
3-EOP-FR-P.1	02/19/93	Response to Imminent Pressurized Thermal Shock Condition
3-EOP-FR-P.2	03/09/93	Response to Anticipated Pressurized Thermal Shock Condition
3-EOP-FR-Z.1	04/06/93	Response to High Containment Pressure
3-EOP-FR-Z.2	04/06/93	Response to Containment Flooding
3-EOP-FR-Z.3	04/06/93	Response to High Containment Radiation Level
3-EOP-FR-I.1	02/19/93	Response to High Pressurizer Level
3-EOP-FR-I.2	03/02/93	Response to Low Pressurizer Level
3-EOP-FR-I.3	04/13/93	Response to Voids in Reactor Vessel

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

**UNIT 3 EMERGENCY OPERATING PROCEDURES
BASIS DOCUMENTS**

Book 1

3-BD-EOP-E-0	05/21/92	Reactor Trip or Safety Injection
3-BD-EOP-ES-0.0	08/01/91	Rediagnosis
3-BD-EOP-ES-0.1	12/22/92	Reactor Trip Response
3-BD-EOP-ES-0.2	04/06/93	Natural Circulation Cooldown
3-BD-EOP-ES-0.3	08/01/91	Natural Circulation Cooldown With Steam Void in Vessel With RVLMS (QSPDS)
3-BD-EOP-ES-0.4	12/22/92	Natural Circulation Cooldown With Steam Void in Vessel (Without RVLMS)
3-BD-EOP-E-1	08/12/93	Loss of Reactor or Secondary Coolant
3-BD-EOP-ES-1.1	04/06/93	SI Termination
3-BD-EOP-ES-1.2	09/28/93	Post LOCA Cooldown and Depressurization
3-BD-EOP-ES-1.3	05/27/93	Transfer to Cold Leg Recirculation

Book 2

3-BD-EOP-ES-1.4	08/01/91	Transfer to Hot Leg Recirculation
3-BD-EOP-E-2	08/01/91	Faulted Steam Generator Isolation
3-BD-EOP-E-3	05/04/93	Steam Generator Tube Rupture
3-BD-EOP-ES-3.1	12/09/92	Post-SGTR Cooldown Using Backfill
3-BD-EOP-ES-3.2	12/09/92	Post-SGTR Cooldown Using Blowdown
3-BD-EOP-ES-3.3	12/09/92	Post-SGTR Cooldown Using Steam Dump
3-BD-EOP-ECA-0.0	03/30/94	Loss of All AC Power
3-BD-EOP-ECA-0.1	12/22/92	Loss of All AC Power Recovery Without SI Required
3-BD-EOP-ECA-0.2	12/22/92	Loss of All AC Power Recovery With SI Required
3-BD-EOP-ECA-1.1	08/12/93	Loss of Emergency Coolant Recirculation

Book 3

3-BD-EOP-ECA-1.2	08/01/91	LOCA Outside Containment
3-BD-EOP-ECA-2.1	04/06/93	Uncontrolled Depressurization of All Steam Generators
3-BD-EOP-ECA-3.1	09/28/93	SGTR With Loss of Reactor Coolant - Subcooled Recovery
3-BD-EOP-ECA-3.2	09/28/93	SGTR With Loss of Reactor Coolant - Saturated Recovery Desired

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3-BD-EOP-ECA-3.3	08/01/91	SGTR Without Pressurizer Pressure Control
3-BD-EOP-F-0	03/09/93	Critical Safety Function Status Trees
3-BD-EOP-FR-S.1	12/11/92	Response to Nuclear Power Generation/ATWS
3-BD-EOP-FR-S.2	12/22/92	Response to Loss of Core Shutdown
3-BD-EOP-FR-C.1	08/01/91	Response to Inadequate Core Cooling
3-BD-EOP-FR-C.2	08/01/91	Response to Degraded Core Cooling

Book 4

3-BD-EOP-FR-C.3	08/01/91	Response to Saturated Core Cooling
3-BD-EOP-FR-H.1	08/01/91	Response to Loss of Secondary Heat Sink
3-BD-EOP-FR-H.2	08/01/91	Response to Steam Generator Overpressure
3-BD-EOP-FR-H.3	08/01/91	Response to Steam Generator High Level
3-BD-EOP-FR-H.4	08/01/91	Response to Loss of Normal Steam Release Capabilities
3-BD-EOP-FR-H.5	08/01/91	Response to Steam Generator Low Level
3-BD-EOP-FR-P.1	02/19/93	Response to Imminent Pressurized Thermal Shock Condition
3-BD-EOP-FR-P.2	08/01/91	Response to Anticipated Pressurized Thermal Shock Condition
3-BD-EOP-FR-Z.1	08/01/91	Response to High Containment Pressure
3-BD-EOP-FR-Z.2	08/01/91	Response to Containment Flooding
3-BD-EOP-FR-Z.3	08/01/91	Response to High Containment Radiation Level
3-BD-EOP-FR-I.1	08/01/91	Response to High Pressurizer Level
3-BD-EOP-FR-I.2	08/01/91	Response to Low Pressurizer Level
3-BD-EOP-FR-I.3	12/21/92	Response to Voids in Reactor Vessel

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

EMERGENCY PLAN IMPLEMENTING PROCEDURES

EPIP-20101	06/30/94	Duties of Emergency Coordinator
EPIP-20104	06/30/94	Duty Call Notification/Staff Augmentation
EPIP-20110	10/17/91C	Criteria For, and Conduct of Owner Controlled Area Evacuation
EPIP-20111	12/03/93	Re-entry
EPIP-20126	03/24/94C	Off-Site Dose Calculations

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

SURVEILLANCE PROCEDURES

3-OSP-023.1	10/11/94	Diesel Generator Operability Test
0-OSP-025.1	12/08/92	Control Room Emergency Ventilation System Operability Test
3-OSP-041.1	09/29/94	Reactor Coolant System Leak Rate Calculation
3-OSP-059.1	06/16/94	Source Range Nuclear Instrumentation Analog Channel Operational Test
3-OSP-059.2	11/25/92	Intermediate Range Nuclear Instrumentation Analog Channel Operational Test
3-OSP-059.5	03/10/94	Power Range Nuclear Instrumentation Shift Checks and Daily Calibrations
3-OSP-059.6	03/16/93	High Flux at Shutdown
3-OSP-059.10	01/25/94	Determination of Quadrant Power Tilt Ratio
3-OSP-075.1	09/24/93	Auxiliary Feedwater Train 1 Operability Verification

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

SYSTEM DESCRIPTIONS

SD#	DATE	TITLE
Book 1		
3	07/20/94	Incore Instrumentation
4	10/14/94	Excore Nuclear Instrumentation
5	06/08/94	Full Length Rod Control
6	05/05/94	Rod Position Indication
7	06/17/94	Reactor Coolant
8	10/26/94	Reactor Coolant Pumps
9	06/27/94	Pressurizer and Relief
Book 2		
11	09/19/94	Steam Generator
13	10/05/94	Chemical & Volume Control
21	11/22/94	Emergency Core Cooling
25	07/13/94	Containment Spray
26	03/24/94	Containment Building
28	03/10/94	Containment Post Accident Evaluation
29	04/25/94	Containment Ventilation and Heat Removal
40	10/26/94	Component Cooling Water
41	08/05/94	Fuel Pool Cooling, Purification and Ventilation
44	06/06/94	Fuel Handling
48	11/22/94	Primary Makeup and Demineralized Water
Book 3		
63	06/08/94	Reactor Protection and Safeguards Actuation
68	05/05/94	Radiation Monitoring and Protection
104	06/27/94	Main and Extraction Steam
105	03/24/94	Steam Dumps
111	12/07/93	Feedwater Heater Vents and Drains
112	11/22/94	Condensate and Feedwater
117	03/02/94	Auxiliary Feedwater
123	04/27/93	Condenser and Circulating Water
127	08/03/94	Main Turbine Control
Book 4		
130	10/05/94	Turbine, Turbine Oil, and Gland Seal
132	07/20/94	Turbine Plant Cooling Water
137	02/28/94	Emerg Diesel Generator and Auxiliaries
140	08/24/94	Main Power Distribution
144	11/22/94	120 VAC & 125 VDC Distribution

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Book 5

153	02/11/94	Fire Prot, Alternate S/D & Safe S/D
155	07/22/94	Plant Air
165	10/14/94	Intake Cooling Water
170	10/05/94	Emergency Load Sequencer/Bus Stripping

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**SYSTEM DESCRIPTION
LESSON PACKAGES**

SD#	DATE	LP Num.	TITLE
Book 1			
3	10/07/94	6900103	Incore Instrumentation
4	10/07/94	6900104	Excore Nuclear Instrumentation
5	06/08/94	6900105	Full Length Rod Control
6	06/08/94	6900106	Rod Position Indication
7	09/30/94	6900107	Reactor Coolant System
8	10/26/94	6900108	Reactor Coolant Pumps
9	09/30/94	6900109	Pressurizer and Relief System
Book 2			
11	05/13/94	6900111	Steam Generator
13	09/30/94	6900113	Chemical & Volume Control System
21	09/30/94	6900121	Emergency Core Cooling System
25	09/30/94	6900125	Containment Spray
26	09/30/94	6900126	Containment Building
28	03/10/94	6900128	Containment Post Accident Evaluation
29	09/30/94	6900129	Containment Vent. and Heat Removal
40	10/26/94	6900140	Component Cooling Water
Book 3			
41	06/03/94	6900141	Spent Fuel Pool Cooling, Purif. and Vent.
44	06/06/94	6900144	Fuel Handling System
48	05/13/94	6900148	Primary Makeup and Demin Water
63	06/08/94	6900163	Reactor Prot. and Safeguards Actuation
68	03/29/94	6900168	Radiation Monitoring and Protection
104	09/09/94	6900117	Main and Extraction Steam System
105	08/29/94	6900118	Steam Dump System
Book 4			
111	12/06/93	6900120	Feedwater Heater Vents and Drains
112	02/21/92	6900122	Condensate and Feedwater System
117	03/02/94	6900123	Auxiliary Feedwater System
123	08/30/93	6900131	Condenser and Circulating Water
127	09/09/94	6900132	Main Turbine Control
130	08/04/93	6900133	Turbine, Oil, and Gland Seal
132	07/19/94	6900134	Turbine Plant Cooling Water System
137	02/28/94	6900136	Emerg Diesel Gen And Auxiliaries

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Book 5

140	09/24/93	6900138	Main Power Distribution
144	06/16/93	6900139	120 VAC & 125 VDC Distribution
153	02/11/94	6900143	Fire Prot, Alt Shutdown, Safe Shutdown
155	03/23/94	6900145	Instrument Air System
165	09/21/94	6900154	Intake Cooling Water System
170	10/05/94	6900157	Emergency Load Sequencer/Bus Stripping

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

**UNIT 3 EMERGENCY OPERATING PROCEDURES
LESSON PACKAGES**

Book 1

3-EOP-E-0	10/22/93	6900321	Reactor Trip or Safety Injection
3-EOP-ES-0.0	04/21/92	6900322	Rediagnosis
3-EOP-ES-0.1	10/08/93	6900323	Reactor Trip Response
3-EOP-ES-0.2	04/22/92	6900324	Natural Circulation Cooldown
3-EOP-ES-0.3	11/12/91	6900325	Natural Circulation Cooldown With Steam Void In Vessel With RVLMS (QSPDS)
3-EOP-ES-0.4	04/22/92	6900326	Natural Circulation Cooldown With Steam Void In Vessel (Without RVLMS)
3-EOP-E-1	09/26/93	6900327	Loss of Reactor or Secondary Coolant

Book 2

3-EOP-ES-1.1	10/08/93	6900328	SI Termination
3-EOP-ES-1.2	10/12/93	6900329	Post LOCA Cooldown and Depressurization
3-EOP-ES-1.3	10/08/93	6900330	Transfer to Cold Leg Recirculation
3-EOP-ES-1.4	10/12/93	6900331	Transfer to Hot Leg Recirculation
3-EOP-E-2	11/06/91	6900334	Faulted Steam Generator Isolation
3-EOP-E-3	10/18/93	6900339	Steam Generator Tube Rupture
3-EOP-ES-3.1	10/19/93	6900340	Post-SGTR Cooldown Using Backfill

Book 3

3-EOP-ES-3.2	10/13/93	6900341	Post-SGTR Cooldown Using Blowdown
3-EOP-ES-3.3	10/13/93	6900342	Post-SGTR Cooldown Using Steam Dump
3-EOP-ECA-0.0	09/21/94	6900348	Loss of All AC Power
3-EOP-ECA-0.1	06/01/94	6900349	Loss of All AC Power Recovery Without SI Required
3-EOP-ECA-0.2	10/15/93	6900350	Loss of All AC Power Recovery With SI Required
3-EOP-ECA-1.1	09/24/93	6900332	Loss of Emergency Coolant Recirculation
3-EOP-ECA-1.2	04/29/92	6900333	LOCA Outside Containment
3-EOP-ECA-2.1	10/12/93	6900335	Uncontrolled Depressurization of All Steam Generators

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Book 4

3-EOP-ECA-3.1	10/13/93	6900343	SGTR With Loss of Reactor Coolant - Subcooled Recovery Desired
3-EOP-ECA-3.2	09/23/93	6900344	SGTR With Loss of Reactor Coolant - Saturated Recovery Desired
3-EOP-ECA-3.3	10/13/93	6900345	SGTR Without Pressurizer Pressure Control
3-EOP-F-0	05/03/94	6900353	Critical Safety Function Status Trees
3-FR-S.1,2	09/26/93	6900346	Response to Nuclear Generation/ATWS
3-FR-C.1-3	10/13/93	6900347	Loss of core Shutdown Core Cooling

Book 5

3-FR-H.1-5	11/02/93	6900337	Response to Loss of Heat Sink
3-FR-P.1,2	11/02/93	6900336	Response to Imminent Pressurized Thermal Shock Condition
3-FR-Z.1-3	10/11/93	6900338	Response to Containment Challenges
3-FR-I.1-3	10/15/93	6900351	Response to RCS Integrity Challenges

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

OFF-NORMAL OPERATING PROCEDURE
LESSON PACKAGES

Book 1

ONOP-003.X	12/14/92	6900260	Loss of Vital AC ONOP's
ONOP-004.X	04/23/93	6900263	Loss of Off-Site Power ONOP's
ONOP-008	08/17/93	6900217	Turbine Plant Cooling Water Malfunction
ONOP-019	04/28/93	7100154	Intake Cooling Water Malfunctions
ONOP-028.X	08/05/94	6900207	Rod Control System Malfunctions
ONOP-030	04/07/92	6900229	Loss of Component Cooling Water
ONOP-041.1	04/18/94	6900205	Reactor Coolant Pump Malfunction
ONOP-041.3	10/11/94	6900212	Excessive RCS Leakage
ONOP-041.4	10/07/93	6900228	Excessive RCS Activity
ONOP-041.5	06/14/93	6900204	Pressurizer Pressure Control Malfunction
ONOP-041.6	11/01/93	6900254	Pressurizer Level Control Malfunction
ONOP-041.7	11/22/94	6900265	Shutdown LOCA (Mode 3 <1000 psig or Mode 4)
ONOP-041.8	11/22/94	6900266	Shutdown LOCA (Mode 5 or 6)

Book 2

ONOP-046.1	08/19/93	6900232	Emergency Boration
ONOP-046.3	10/07/93	6900233	Loss of Boration Flowpaths
ONOP-047.1	09/24/93	6900234	Loss of Charging Flow in Modes 1-4
ONOP-049.1	11/21/94	6900243	Deviation or Failure of Safety Related or Reactor Protection Channels
ONOP-050	10/07/93	6900210	Loss of Residual Heat Removal
ONOP-059.X	01/08/89	6900206	Nuclear Instrumentation Malfunctions
ONOP-066	11/05/91	6900246	High Area Radiation Monitoring Alarms
ONOP-067	09/20/93	6900242	Radioactive Effluent Release
ONOP-075	09/16/93	6900202	Auxiliary Feedwater System Malfunction
ONOP-089	08/09/93	6900248	Turbine Runback
ONOP-100	09/13/93	6900239	Fast Load Reduction
ONOP-105	11/04/93	6900252	Control Room Evacuation

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

**ADMINISTRATIVE PROCEDURE
LESSON PACKAGES**

Book 1

ADM-031	09/21/93	6900012	Independent Verification
ADM-102/103	11/14/94	6900010	Instruction/Procedure Change Control
ADM-115		6900006	Notification of Plant Events
ADM-200	04/25/94	6900025	Conduct of Operations
ADM-201	04/26/94	6900003	Operations Procedure Usage
ADM-202	04/26/94	6900022	Shift Relief and Turnover
ADM-203	04/26/94	6900024	Shift Operating Practices
ADM-204	07/26/94	6900023	Operations Narrative Logbooks
ADM-205	05/16/94	6900005	Control of Switches, Valves & Locks
ADM-207	05/24/94	6900011	Situations Not Addressed By Procedure
ADM-208	10/12/94	6900208	Secondary Chemistry Requirements
ADM-211	04/29/94	6900320	EOP Introduction and EOP/ONOP User's Guide
ADM-212	07/27/94	6900008	In-Plant Equipment Clearance Orders

Book 2

ADM-213	04/08/94	6900037	Tech Spec Related Equipment OOS
ADM-503	06/09/93	6900029	Temporary System Alterations
ADM-536	04/07/92	6900503	Tech Spec Position Statements
ADM-600	04/05/93	6900020	Health Physics Manual
ADM-701	02/11/93	6900007	Plant Work Orders

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

**EMERGENCY PLAN IMPLEMENTING PROCEDURES
LESSON PLANS**

3200001	11/10/94	Emergency Plan Overview
3200002	09/12/94	Notifications/Communications
3200003	08/22/94	Emergency Classification
3200004	08/22/94	Radiological Assessment/Protective Action Recommendations
3200008	03/09/94	Management Control of Emergencies and Recovery
3200012	03/09/94	Technical Support Center
3200013	03/09/94	Operations Support Center



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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

SYSTEMS EXAM BANK QUESTIONS

SD#	LP Num.	TITLE
3	6900103	Incore Instrumentation
4	6900104	Excore Nuclear Instrumentation
5	6900105	Full Length Rod Control
6	6900106	Rod Position Indication
7	6900107	Reactor Coolant System
8	6900108	Reactor Coolant Pumps
9	6900109	Pressurizer and Relief System
11	6900111	Steam Generator
13	6900113	Chemical & Volume Control System
21	6900121	Emergency Core Cooling System
25	6900125	Containment Spray
26	6900126	Containment Building
28	6900128	Containment Post Accident Evaluation
29	6900129	Containment Ventilation and Heat Removal System
40	6900140	Component Cooling Water
41	6900141	Fuel Pool Cooling, Purification and Ventilation
44	6900144	Fuel Handling System
48	6900148	Primary Makeup and Demin Water
63	6900163	Reactor Protection and Safeguards Actuation System
68	6900168	Radiation Monitoring and Protection
104	6900117	Main and Extraction Steam System
105	6900118	Steam Dump System
111	6900120	Feedwater Heater Vents and Drain
112	6900122	Condensate and Feedwater System
117	6900123	Auxiliary Feedwater System
123	6900131	Condenser and Circulating Water
127	6900132	Main Turbine Control
130	6900133	Turbine, Oil, and Gland Seal
132	6900134	Turbine Plant Cooling Water System
137	6900136	Emergency Diesel Generator and Auxiliaries
140	6900138	Main Power Distribution
144	6900139	120 VAC & 125 VDC Distribution
153	6900143	Fire Prot, Fire Water & ASD Panel
155	6900145	Plant Air Systems
165	6900154	Intake Cooling Water System
170	6900157	Emergency Load Sequencer/Bus Stripping

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

TECHNICAL SPECIFICATION EXAM BANK QUESTIONS

LP Num.	TECHNICAL SPECIFICATION SECTION
6900517	Introduction
6900518	Sect 1.0/2.0 Definitions and Safety Limits
6900519	Sect 5.0/6.0 Design Features and Administrative
6900521	Sect 3/4.1 Reactivity Control Systems
6900522	Sect 3/4.2 Power Distribution Limits
6900523	Sect 3/4.3 Instrumentation
6900524	Sect 3/4.4 Reactor Coolant System
6900525	Sect 3/4.5 Emergency Core Cooling
6900526	Sect 3/4.6 Containment System
6900527	Sect 3/4.7 Plant Systems
6900529	Sect 3/4.9 Refueling

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

UNIT 3 EMERGENCY OPERATING PROCEDURES
EXAM BANK

3-EOP-E-0	6900321	Reactor Trip or Safety Injection
3-EOP-ES-0.0	6900322	Rediagnosis
3-EOP-ES-0.1	6900323	Reactor Trip Response
3-EOP-ES-0.2	6900324	Natural Circulation Cooldown
3-EOP-ES-0.3	6900325	Natural Circulation Cooldown With Steam Void In Vessel With RVLMS (QSPDS)
3-EOP-ES-0.4	6900326	Natural Circulation Cooldown With Steam Void In Vessel (Without RVLMS)
3-EOP-E-1	6900327	Loss of Reactor or Secondary Coolant
3-EOP-ES-1.1	6900328	SI Termination
3-EOP-ES-1.2	6900329	Post LOCA Cooldown and Depressurization
3-EOP-ES-1.3	6900330	Transfer to Cold Leg Recirculation
3-EOP-ES-1.4	6900331	Transfer to Hot Leg Recirculation
3-EOP-E-2	6900334	Faulted Steam Generator Isolation
3-EOP-E-3	6900339	Steam Generator Tube Rupture
3-EOP-ES-3.1	6900340	Post-SGTR Cooldown Using Backfill
3-EOP-ES-3.2	6900341	Post-SGTR Cooldown Using Blowdown
3-EOP-ES-3.3	6900342	Post-SGTR Cooldown Using Steam Dump
3-EOP-ECA-0.0	6900348	Loss of All AC Power
3-EOP-ECA-0.1	6900349	Loss of All AC Power Recovery Without SI Required
3-EOP-ECA-0.2	6900350	Loss of All AC Power Recovery With SI Required
3-EOP-ECA-1.1	6900332	Loss of Emergency Coolant Recirculation
3-EOP-ECA-1.2	6900333	LOCA Outside Containment
3-EOP-ECA-2.1	6900335	Uncontrolled Depressurization of All Steam Generators
3-EOP-ECA-3.1	6900343	SGTR With Loss of Reactor Coolant - Subcooled Recovery Required
3-EOP-ECA-3.2	6900344	SGTR With Loss of Reactor Coolant - Saturated Recovery Desired
3-EOP-ECA-3.3	6900345	SGTR Without Pressurizer Pressure Control
3-EOP-F-0	6900353	Critical Safety Function Status Trees
3-FR-S.1,2	6900346	Response to Nuclear Generation/ATWS
3-FR-C.1-3	6900347	Response to Inadequate Core Cooling
3-FR-H.1-5	6900337	Response to Loss of Secondary Heat Sink
3-FR-P.1,2	6900336	Response to Imminent Pressurized Thermal Shock Condition
3-FR-Z.1-3	6900338	Response to High Containment Challenges
3-FR-I.1-3	6900351	Response to RCS Integrity Challenges

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OFF NORMAL OPERATING PROCEDURE
EXAM BANK

ONOP-003.X	6900260	Loss of Vital AC ONOP's
ONOP-004.X	6900263	Off-Site Power ONOP's
ONOP-008	6900217	Turbine Plant Cooling Water Malfunction
ONOP-019	7100154	Intake Cooling Water Malfunctions
ONOP-028.X	6900207	Rod Control System Malfunctions
ONOP-030	6900229	Loss of Component Cooling Water
ONOP-041.1	6900205	Reactor Coolant Pump Malfunction
ONOP-041.3	6900212	Excessive RCS Leakage
ONOP-041.4	6900228	Excessive RCS Activity
ONOP-041.5	6900204	Pressurizer Pressure Control Malfunction
ONOP-041.6	6900254	Pressurizer Level Control Malfunction
ONOP-041.7	6900265	Shutdown LOCA (Mode 3 <1000 psig or Mode 4)
ONOP-041.8	6900266	Shutdown LOCA (Mode 5 or 6)
ONOP-046.1	6900232	Emergency Boration
ONOP-046.3	6900233	Loss of Boration Flowpaths
ONOP-047.1	6900234	Loss of Charging Flow in Modes 1-4
ONOP-049.1	6900243	Deviation or Failure of Safety Related or Reactor Protection Channels
ONOP-050	6900210	Loss of Residual Heat Removal
ONOP-059.X	6900206	Nuclear Instrumentation Malfunctions
ONOP-066	6900246	High Area Radiation Monitoring Alarms
ONOP-067	6900242	Radioactive Effluent Release
ONOP-075	6900202	Auxiliary Feedwater System Malfunction
ONOP-089	6900248	Turbine Runback
ONOP-100	6900239	Fast Load Reduction
ONOP-105	6900252	Control Room Evacuation

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

ADMIN
EXAM BANK

ADM-031	6900012	Independent Verification
ADM-102/103	6900010	Instruction/Procedure Change Control
ADM-115	6900006	Notification of Plant Events
ADM-200	6900025	Conduct of Operations
ADM-201	6900003	Operations Procedure Usage
ADM-202	6900022	Shift Relief and Turnover
ADM-203	6900024	Shift Operating Practices
ADM-204	6900023	Operations Narrative Logbooks
ADM-205	6900005	Control of Switches, Valves & Locks
ADM-207	6900011	Situations Not Addressed By Procedure
ADM-208	6900208	Secondary Chemistry Requirements
ADM-211	6900320	EOP Introduction and EOP/ONOP User's Guide
ADM-212	6900008	In-Plant Equipment Clearance Orders
ADM-213	6900037	Tech Spec Related Equipment OOS
ADM-503	6900029	Temporary System Alterations
ADM-536	6900503	Tech Spec Position Statements
ADM-600	6900020	Health Physics Manual
ADM-701	6900007	Plant Work Orders

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

**EMERGENCY PLAN IMPLEMENTING PROCEDURES
EXAM BANK**

3200001 Emergency Plan Overview
3200002 Notifications/Communications
3200003 Emergency Classification
3200004 Radiological Assessment/Protective Action Recommendations
3200008 Management Control of Emergencies and Recovery
3200012 Technical Support Center
3200013 Operations Support Center

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NRC EXAM MATERIAL FOR PTN RCO GROUP XV & SRO UPGRADE '94

SIMULATOR EVALUATION SCENARIO GUIDES

Book 1

SES-001	05/11/93	Reactor Startup
SES-012	04/04/94	Loss of Feedwater/ATWS
SES-013	07/05/94	RCP Seal Pkg Failure/Train B SI Failure
SES-016	01/11/94	Loss of All Feedwater/ATWS
SES-022	02/08/94	Plant Startup/Steam Break I.C./ATWS
SES-027	09/13/94	Loss of Coolant Accident (Mode 4)
SES-031	07/13/93	Pressurizer Steam Space LOCA
SES-033	06/02/94	Pzr Stm Space LOCA/Turb Trip and Phase B failures
SES-035	02/08/94	Small Break Loss of Coolant Accident
SES-036	02/08/94	Small Break LOCA/ATWS
SES-042	05/06/94	Steam Generator Tube Rupture
SES-043	05/06/94	SGTR/Loss of Offsite Power
SES-045	06/28/94	Ltdn HX Leak/Faulted-Ruptured S/G

Book 2

SES-054	02/08/94	Steam Break Outside Containment
SES-054.1	04/29/94	Loss of 3P07/atws/Steam Break IC
SES-057	04/29/94	Depressurization of All Steam Generators
SES-057.1	05/27/94	All S/G's Depress Outside of CNMT/SI Termination
SES-065	08/04/94	Loss of All AC and RHR in Mode 5
SES-065.1	03/16/94	Loss of All AC Power
SES-065.3	09/20/94	Loss of Offsite Power/3a EDG Failure
SES-065.4	08/04/94	Loss of Offsite Power/RHR in Mode 5
SES-066	04/27/94	Loss of 3P07/Feedwater Break IC
SES-069	05/16/94	Loss of Vacuum/Dropped Rod/Loss of 3P09/ATWS
SES-070	08/24/94	Loss of 3P06/Loss of All Charging/LOCA
SES-070.1	08/30/94	Loss of 3P06/Loss of All Charging/LOCA

11/22/94

RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
1A	14075002300	09/16/93	APPR	PSD	CONTROL S/G LEVEL LOCALLY WITH AUX FW CONTROL VALVE
2A	24200017300	01/04/94	APPR	S	RESPOND TO CONTROL ROOM EVACUATION AS OUTSIDE SNPO
3A	24200016300	12/28/93	APPR	S	RESPOND TO CONTROL ROOM EVACUATION AS INSIDE SNPO
4A	24046039300	09/26/93	APPR	PS	MANUALLY EMERGENCY BORATE (356)
5A	24041065300	12/15/93	APPR	PSD	LOCALLY ISOLATE RCP SEAL COOLING
6A	14200014300	12/29/93	APPR	PSD	RESPOND TO CONTROL ROOM EVACUATION AS NON-FIRE BRIGADE NPO
7A	14075011100	09/17/93	APPR	PSD	RESET AUX FW PUMP OVERSPEED TRIP LATCH
8A	14028009500	12/06/93	APPR	PSD	RESPOND TO ATWS
10A	1053001100	06/29/93	APPR	PS	SHUTDOWN CONTAINMENT PURGE SYSTEM
11A	1050008300	01/19/93	APPR	PS	RESPOND TO LOSS OF RHR SYSTEM - RCS DRAINED AND OPEN
12A	1050007300	12/29/93	APPR	PS	RESPOND TO LOSS OF RHR SYSTEM W/O RCP'S (MODE 3 TO MODE 5 TRANSITION)
13A	1050005500	12/29/93	APPR	PS	ALIGN RHR FOR COLD LEG RECIRCULATION
14A	1050004300	12/29/93	APPR	PS	RESPOND TO LOSS OF RHR SYSTEM WITH RCP'S AVAILABLE (MODE 3 TO MODE 5 TRANSITION)
15A	1050003300	10/05/94	APPR	PS	INVESTIGATE LOSS OF RHR INVENTORY
15B	1050003301	10/05/94	APPR	PS	INVESTIGATE LOSS OF RHR INVENTORY
15C	1050003302	10/05/94	APPR	PS	INVESTIGATE LOSS OF RHR INVENTORY
15D	1050003303	10/05/94	APPR	PS	INVESTIGATE LOSS OF RHR INVENTORY

11/22/94

RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
16A	1049002300	01/04/94	APPR	PS	TRIP FAILED INSTRUMENT BISTABLES IN RESPONSE TO A FAILURE IN CHANNEL III PROTECTION LOOP T-432
16B	1049002301	12/28/93	APPR	PS	TRIP INSTRUMENT BISTABLES IN RESPONSE TO A FAILURE OF PT-485, "B" STEAM GENERATOR PRESSURE
18A	1046049300	06/10/94	APPR	PS	RECOVER FROM FAILURE OF FCV-113A
19A	1046029100	01/21/92	APPR	PS	SET UP BLENDER FOR AUTOMATIC OPERATION
20A	1046013100	01/22/92	APPR	P	DILUTE THE REACTOR COOLANT SYSTEM BORON CONCENTRATION
21B	1030008301	02/02/94	APPR	PSD	RESPOND TO COMPONENT COOLING WATER SYSTEM MALFUNCTIONS
22A	1046008300	04/04/94	APPR	PS	EMERGENCY BORATE THE RCS
22B	1046008301	04/04/94	APPR	PS	EMERGENCY BORATE THE RCS
22C	1046008302	03/31/94	APPR	PS	EMERGENCY BORATE THE RCS
23A	1046007100	01/04/94	APPR	P	BORATE THE RCS VIA THE BLENDER
23B	1046007101	01/04/94	APPR	P	BORATE THE RCS VIA THE BLENDER
24A	1046006100	01/04/94	APPR	PSD	BLEND TO THE RWST
25A	1046003100	01/13/93	APPR	PSD	RECIRCULATE BORIC ACID STORAGE TANKS
26A	1030008320	08/31/94	APPR	PSD	INVESTIGATE AND RESPOND TO A RUPTURED CCW HEADER
27A	1041021100	11/25/91	APPR	PS	VENT THE PRT
28A	1041012100	02/14/94	APPR	PSD	REDUCE PRT TEMPERATURE
29A	1041011100	11/22/91	APPR	PSD	DRAIN DOWN PRESSURIZER RELIEF TANK

11/22/94

RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
30A	1041010100	12/29/93	APPR	PSD	EQUALIZE RCS/PZR BORON CONCENTRATIONS
31A	14003024100	03/02/93	APPR	PSD	SHIFT NON-VITAL BATTERY CHARGERS
32A	1041005100	11/20/91	APPR	PSD	PURGE THE PRT (FEED AND BLEED)
34A	1028022100	12/02/91	APPR	P	CONDUCT A 1/H PLOT
35A	1028016300	06/30/93	APPR	PS	RECOVER MISALIGNED CONTROL ROD
36A	1028010300	02/10/94	APPR	PS	PERFORM A DROPPED ROD RECOVERY
37A	1028009500	01/19/93	APPR	PS	RESPOND TO ATWS
40A	1028004100	11/20/91	APPR	P	VERIFY ADEQUATE SHUTDOWN MARGIN
43A	1005024100	01/23/92	APPR	PS	TRANSFER FROM THE STARTUP TRANSFORMER TO THE AUXILIARY TRANSFORMER
45A	1005021300	06/01/94	APPR	PS	POWER "C" 4 KV BUS FROM OPPOSITE UNIT'S TRANSFORMER
47A	1005018100	01/13/94	APPR	PS	TRANSFER FROM AUXILIARY TRANSFORMER TO STARTUP TRANSFORMER
48A	1053002100	06/29/93	APPR	PS	INITIATE CONTAINMENT PURGE
50A	1059017200	09/12/94	APPR	PS	TEST THE SOURCE RANGE WIS CHANNEL (REACTOR SHUTDOWN)
51A	1059024300	01/07/94	APPR	PSD	RESPOND TO LOSS OF INTERMEDIATE RANGE INSTRUMENTATION
53A	1059029300	06/29/93	APPR	PSD	RESPOND TO A SOURCE RANGE WIS MALFUNCTION (MODE 6)
54A	1062012500	03/27/92	APPR	PS	ALIGN SAFETY INJECTION FOR HOT LEG RECIRC
55A	1062013500	12/29/93	APPR	PS	ALIGN SAFETY INJECTION FOR COLD LEG RECIRC

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
56A	1063008500	12/04/91	APPR	PS	VERIFY SAFETY INJECTION OPERATION
56B	1063008501	08/17/92	APPR	PS	VERIFY SAFETY INJECTION OPERATION
56C	1063008502	01/26/93	APPR	PS	VERIFY SAFETY INJECTION OPERATION
57A	1064002100	08/24/93	APPR	PSD	FILL THE ACCUMULATORS
58A	1064003100	06/29/92	APPR	PSD	DRAIN THE 3A ACCUMULATOR
61A	1059003100	11/25/91	APPR	PS	ADJUST HIGH FLUX AT SHUTDOWN ALARM
62A	1064004100	01/21/92	APPR	PS	INCREASE ACCUMULATOR PRESSURE (HIGH PRESSURE SOURCE)
64A	1028025300	07/30/93	APPR	PSD	RESPOND TO CONTINUOUS ROD WITHDRAWAL
66A	1028026300	11/20/91	APPR	PSD	RESPOND TO CONTINUOUS ROD INSERTION
68A	1028030300	11/25/91	APPR	PSD	RESPOND TO IMMOVABLE RCC
70A	1064005100	07/29/94	APPR	PS	REDUCE ACCUMULATOR PRESSURE
71A	24200060500	12/06/91	APPR	SD	PERFORM POST ACCIDENT CONTAINMENT VENTING
72A	1028032200	11/27/91	APPR	PSD	BYPASS REACTOR TRIP BREAKERS
73A	1046054300	12/22/92	APPR	SD	PERFORM POST ACCIDENT RCS CHEMICAL INJECTION
74A	1059026300	01/13/94	APPR	PSD	RESPOND TO LOSS OF POWER RANGE INSTRUMENTATION CHANNEL
75A	1050006500	06/15/93	APPR	PS	ALIGN RHR FOR HOT LEG RECIRCULATION (THROUGH 741A)
76A	14028028100	12/06/91	APPR	PSD	RACK-IN REACTOR TRIP BREAKERS
77A	14003009100	01/21/92	APPR	PSD	DEENERGIZE AN IN-SERVICE VITAL BATTERY CHARGER (4A1)



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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
77B	14003009101	02/19/91	APPR	PSD	DEENERGIZE AN IN-SERVICE VITAL BATTERY CHARGER
78A	14028029100	01/07/94	APPR	PSD	RACK-OUT REACTOR TRIP BREAKERS
79A	14003016100	01/20/94	APPR	PSD	TRANSFER VITAL LOAD BETWEEN INVERTERS
81A	1050032500	12/14/92	APPR	PSD	CROSS-TIE HHSI PUMPS (UNIT TO UNIT) DURING A LOSS OF ALL AC PWR - SI REQUIRED
82A	14013016100	01/07/94	APPR	PSD	STARTUP DIESEL INSTRUMENT AIR COMPRESSOR
83A	1094001500	05/12/94	APPR	PSD	PLACE POST ACCIDENT HYDROGEN MONITOR IN SERVICE
86A	2016007400	05/07/92	APPR	PS	RESPOND TO A PLANT FIRE
87A	14006009100	05/29/92	APPR	PSD	RACK-OUT 480 VOLT LOAD CENTER BREAKER
88A	14003017100	03/13/92	APPR	PSD	TRANSFER INSTRUMENT BUS FROM INVERTER TO CVT
89A	14006008100	01/22/92	APPR	PSD	RACK-IN 480 VOLT LOAD CENTER BREAKER
90A	14003008100	01/21/92	APPR	PSD	PLACE A DEENERGIZED BATTERY CHARGER IN SERVICE (4A1)
90B	14003008101	10/21/91	APPR	PSD	PLACE A DEENERGIZED BATTERY CHARGER IN SERVICE (3A1)
91A	14005012100	01/05/94	APPR	PSD	RACK-OUT A/B BUS 4KV BREAKERS
92A	14028020100	12/06/91	APPR	PSD	PARALLEL MOTOR GENERATOR SETS
93A	14003014100	12/04/91	APPR	PSD	PLACE A NON-VITAL INSTRUMENT INVERTER IN SERVICE FROM A DE-ENERGIZED CONDITION
94A	14028018100	01/10/92	APPR	PSD	SHUTDOWN A ROD DRIVE MOTOR GENERATOR SET
96A	2201019400	12/30/93	APPR	PS	CLASSIFY EVENTS

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
96B	2201019401	12/30/93	APPR	PS	CLASSIFY EVENTS
96C	2201019402	12/30/93	APPR	PS	CLASSIFY EVENTS
96D	2201019403	12/30/93	APPR	PS	CLASSIFY EVENTS
96E	2201019404	12/30/93	APPR	PS	CLASSIFY EVENTS
99A	14075012300	12/30/93	APPR	PSD	MANUALLY CTRL STM TO AFW PUMP WITH TRIP & THROTTLE
100A	14075022300	09/25/91	APPR	PSD	ALIGN AFW SYS TO MAINTAIN DUAL TRAIN REDUNDANCY
104A	24094001500	05/12/94	APPR	S	PLACE POST-ACCIDENT HYDROGEN MONITOR IN SERVICE
105A	14003023500	01/22/92	APPR	PSD	PERFORM 125 VDC BUS SHEDDING (BLACKOUT IN PROGRESS)
106A	14005019100	01/05/94	APPR	PSD	LOCALLY TRIP A 4KV BREAKER
107A	14003015100	12/26/90	APPR	PSD	DEENERGIZE A NON-VITAL INSTRUMENT INVERTER
108A	14200056500	12/06/91	APPR	PSD	RE-ENERGIZE BACKUP HEATERS ON EMERGENCY DIESEL GENERATOR
109A	24046052500	12/22/92	APPR	SD	PERFORM POST ACCIDENT R.C.S CHEMICAL INJECTION
110A	14003026100	12/17/91	APPR	PSD	TRANSFER INSTRUMENT BUS LOAD FROM CVT TO NORMAL INVERTER (EXTERNAL TRANSFER)
111A	1200063300	10/04/94	APPR	PSD	RESPOND TO DEVIATION FROM SECONDARY CHEMISTRY LIMITS
112A	14005011100	10/20/92	APPR	PSD	RACK-IN A/B BUS 4KV BREAKERS
113A	14003025100	01/10/92	APPR	PSD	TRANSFER INSTRUMENT BUS LOAD FROM CVT TO SPARE INV
114A	14003018100	01/22/92	APPR	PSD	TRANSFER INSTRUMENT BUS FROM CVT TO INVERTER (INTERNAL TRANSFER)

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
115A	14005010100	01/05/94	APPR	PSD	RACK-OUT C BUS 4KV BREAKERS
116A	1074010100	06/09/93	APPR	PS	SHUTDOWN A STEAM GENERATOR FEEDWATER PUMP AND A CONDENSATE PUMP (FEED TRAIN)
118A	14005009100	01/05/94	APPR	PSD	RACK-IN C BUS 4KV BREAKERS
120A	1041063100	11/25/91	APPR	PSD	PURGE THE PRT (MAJOR GAS VOLUME)
122A	14071013500	12/06/91	APPR	PSD	LOCALLY ISOLATE BLOWDOWN
124A	14075010100	12/06/91	APPR	PSD	ALIGN/VERIFY ALIGNMENT OF BACKUP NITROGEN STATION
125A	14002009500	11/25/91	APPR	PSD	TRIP THE GENERATOR FROM THE SWITCHYARD
126A	24200056500	03/13/92	APPR	S	REENERGIZE BACKUP HEATERS ON THE EMERGENCY DIESEL GENERATOR
128A	2001013400	07/28/93	APPR	PSD	MAKE EMERGENCY NOTIFICATIONS
129A	2201022400	12/06/91	APPR	PSD	RESPOND TO A MEDICAL EMERGENCY
130A	24016019300	06/30/93	APPR	PS	ALIGN SCREEN WASH EMERG. M/U TO THE F.P. SYSTEM
132A	2001012400	05/21/90	APPR	PSD	MAKE PROTECTIVE ACTION RECOMMENDATIONS
135A	14028041100	01/28/91	APPR	PSD	DE-ENERGIZE THE RPI POWER SUPPLY SYSTEM
136A	14028040100	01/28/91	APPR	PSD	ENERGIZE THE RPI POWER SUPPLY SYSTEM
139A	14028003100	12/06/91	APPR	PSD	STARTUP A ROD DRIVE MOTOR GENERATOR SET
140A	2200004300	01/07/93	APPR	S	RESPOND TO CONTROL ROOM EVACUATION CONDITON - NPS
141A	2200019300	01/04/94	APPR	S	RESPOND TO CONTROL ROOM EVACUATION CONDITION - ANPS
142A	1200011300	03/17/92	APPR	S	RESPOND TO CONTROL ROOM EVACUATION CONDITION - UNIT 3 RCO

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
143A	1200012300	03/16/92	APPR	S	RESPOND TO CONTROL ROOM EVACUATION CONDITION - UNIT 4 RCO
144A	1200013300	01/22/92	APPR	S	RESPOND TO CONTROL ROOM EVACUATION CONDITION - THIRD LICENSED RCO
145A	1047020100	01/25/94	APPR	PS	PURGE THE VCT
146A	1041048300	12/01/93	APPR	PSD	RESPOND TO RCP MOTOR HIGH TEMPERATURES
146B	1041048301	12/01/93	APPR	PS	RESPOND TO RCP MOTOR HIGH TEMPERATURE
147A	1041054300	01/19/93	APPR	PS	RESPOND TO HIGH RCP VIBRATION
172A	1051009100	08/30/94	APPR	PS	ENTER CONTAINMENT VIS PERSONNEL ACCESS HATCH
174A	1051011100	08/26/94	APPR	PS	ENTER CONTAINMENT VIA EMERGENCY ACCESS HATCH
186A	1200006300	06/01/93	APPR	PS	INVESTIGATE AND CONTROL STEAM GENERATOR TUBE LEAK
190A	1028023300	05/03/94	APPR	PSD	INVESTIGATE ROD CONTROL SYSTEM URGENT FAILURE
197A	1059015200	06/30/92	APPR	PS	TEST INTERMEDIATE RANGE NIS CHANNEL
199A	1059016200	02/28/94	APPR	PS	TEST POWER RANGE NIS CHANNEL
200A	1046026100	06/25/92	APPR	PS	PLACE A NEW MIXED BED DEMINERALIZER IN SERVICE
201A	1047014100	12/21/90	APPR	PS	SECURE CHARGING
202A	1041038100	12/17/90	APPR	PS	START 3A REACTOR COOLANT PUMP
203A	1059025300	06/29/92	APPR	PSD	RESPOND TO LOSS OF SOURCE RANGE INSTRUMENTATION
204A	1072007100	12/18/90	APPR	PS	DUMP STEAM TO ATMOSPHERE

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
205A	1041003200	12/16/92	APPR	PS	TEST OVERPRESSURE MITIGATING SYSTEM/PORV'S
206A	1041020200	09/02/93	APPR	PS	PERFORM OPERATIONAL TEST OF PORV AND MOTOR OPERATED BLOCK VALVE
208A	1041013100	06/30/93	APPR	PS	RESPOND TO PORV MALFUNCTION
210A	1046046100	03/10/92	APPR	PS	MAKEUP (BLEND) TO VCT MANUALLY
211A	1023006200	01/24/94	APPR	PS	PERFORM THE EMERGENCY DIESEL GENERATOR OPERABILITY TEST
213A	1089021300	08/29/94	APPR	PSD	RESPOND TO MAIN TURBINE MALFUNCTION
215A	1074005100	06/26/92	APPR	PSD	START STEAM GENERATOR FEED PUMP
216A	1041042300	12/01/93	APPR	PSD	RESPOND TO A RCP STANDPIPE HIGH LEVEL ALARM
217A	1041043300	07/27/93	APPR	PSD	EVALUATE AND RESPOND TO RCP STANDPIPE LOW LEVEL ALARM
218A	1041044300	01/07/93	APPR	PSD	EVALUATE AND RESPOND TO HIGH RCP NUMBER ONE SEAL LEAKOFF
219A	1041045300	03/03/94	APPR	PS	RESPOND TO AN RCP SEAL PACKAGE FAILURE
222A	1061005100	02/03/94	APPR	PS	PERFORM LIQUID WASTE RELEASE
223A	1061006100	10/28/93	APPR	PS	PERFORM GASEOUS WASTE RELEASE
224A	1073004300	06/03/93	APPR	PSD	RESPOND TO LOSS OF CONDENSER VACUUM
225A	1047013100	05/23/93	APPR	PS	ESTABLISH CHARGING
225B	1047013101	08/06/92	APPR	PS	ESTABLISH LETDOWN
226A	1047016100	12/17/90	APPR	PS	INITIATE EXCESS LETDOWN

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
228A	1072009100	08/01/94	APPR	PS	REMOVE MOISTURE SEPERATOR REHEATERS FROM SERVICE
247A	14003029100	01/22/92	APPR	PSD	PLACE THE SPARE BATTERY IN SERVICE ON A VITAL DC BUS
248A	14003032100	01/15/92	APPR	PSD	REMOVE THE SPARE BATTERY FROM SERVICE ON A VITAL DC BUS
263A	14005027100	01/05/94	APPR	PSD	RACK IN 'D' 4KV BUS BREAKER
264A	14005028100	01/22/92	APPR	PSD	RACK OUT 'D' 4KV BUS BREAKER
345A	14023015500	07/22/94	APPR	PSD	RECOVER FROM A UNIT 3 EDG AUTO START FAILURE
347A	14023020100	01/06/93	APPR	PSD	PERFORM PRE-START CHECKS ON 4A (4B) EMERGENCY DIESEL GENERATOR
348A	14023003100	01/13/94	APPR	PSD	START AND SYNCHRONIZE THE 3A EMERGENCY DIESEL GENERATOR LOCALLY
349A	14023005100	01/06/93	APPR	PSD	STOP THE 3A EMERGENCY DIESEL GENERATOR LOCALLY
350A	14023024100	01/06/93	APPR	PSD	PERFORM PRE-START CHECKS ON 3A(3B)EMERGENCY DIESEL GENERATOR
351A	14023021100	01/11/92	APPR	PSD	START, SYNCHRONIZE AND LOAD 4A (4B) EMERGENCY DIESEL GENERATOR LOCALLY
353A	14023022100	01/08/92	APPR	PSD	UNLOAD AND SHUTDOWN 4A EMERGENCY DIESEL GENERATOR LOCALLY
375A	1024001200	04/02/93	APPR	PS	PERFORM EMERGENCY BUS LOAD SEQUENCER MANUAL TEST
393A	1201003100	12/15/93	APPR	P	TAKE SHIFT LOG READINGS
396A	1201037200	06/21/93	N/APP	D	TEST EQUIPMENT FOLLOWING MAINTENANCE
402A	2201029100	06/01/94	APPR	PSD	AUTHORIZE CONTAINMENT ENTRY DURING POWER OPERATIONS

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
405A	2201054400	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
405B	2201054401	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
405C	2201054402	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
405D	2201054403	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
405E	2201054404	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
405F	2201054405	09/06/94	APPR	PS	EVALUATE PROTECTIVE ACTION RECOMMENDATIONS
410A	2201020100	09/07/94	APPR	PS	APPROVE ON THE SPOT CHANGES TO PROCEDURES
411A	2201052300	08/11/94	APPR	PS	CLASSIFY EVENTS
411B	2201052301	08/11/94	APPR	PS	CLASSIFY EVENTS
411C	2201052302	08/11/94	APPR	PS	CLASSIFY EVENTS
411D	2201052303	08/11/94	APPR	PS	CLASSIFY EVENTS
416A	2201048100	05/04/94	APPR	PS	APPROVE RADIATION WORK PERMITS
417A	2061051100	02/03/94	APPR	PS	APPROVE LIQUID WASTE RELEASE PERMITS
420A	1030008312	02/02/94	APPR	PSD	INVESTIGATE CCW LEAK
421A	1030005300	09/26/93	APPR	PSD	INVESTIGATE CCW HIGH RADIATION
422A	1046045300	06/13/94	APPR	PS	RECOVER FROM DECREASING VCT LEVEL
426A	2061052100	01/13/93	APPR	PS	APPROVE GASEOUS WASTE RELEASE PERMITS
427A	2201071100	08/25/93	APPR	PSD	APPROVE CLEARANCE REQUEST



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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
428A	2201015100	09/27/94	APPR	PSD	APPROVE EQUIPMENT CLEARANCE ORDERS
429A	2201056100	04/21/94	APPR	PSD	REVIEW EQUIPMENT CLEARANCE ORDERS
430A	2201047100	06/24/94	APPR	PS	APPROVE TEMPORARY SYSTEM ALTERATION
443A	1201001100	05/12/93	APPR	P	PERFORM SHIFT TURNOVER
447A	1201018100	04/05/93	APPR	P	RELEASE EQUIPMENT CLEARANCE ORDER
450A	1201013100	04/22/94	APPR	P	WRITE EQUIPMENT CLEARANCE ORDERS
451A	1201017100	06/22/93	APPR	P	TEST RELEASE EQUIPMENT CLEARANCE ORDERS
452A	1050012100	04/16/93	APPR	PS	GO ON RHR
455A	1071005100	05/01/93	APPR	PS	INITIATE STEAM GENERATOR BLOWDOWN UTILIZING BLOWDOWN RECOVERY SYSTEM
456A	1025003200	05/12/93	APPR	PS	TEST CONTROL ROOM EMERGENCY VENTILATION SYSTEM
457A	1200009300	06/16/93	APPR	PS	RESPOND TO UNIT RUNBACK
458A	1010007100	05/13/93	APPR	PS	START CIRCULATING WATER PUMPS
459A	1010005100	05/14/93	APPR	PS	SHUTDOWN CIRCULATING WATER PUMP
460A	1019005100	04/04/94	APPR	PS	START AN INTAKE COOLING WATER PUMP
461A	1019006100	05/17/93	APPR	PS	STOP A INTAKE COOLING WATER PUMP
462A	1005014300	05/18/93	APPR	PSD	RECOVER FROM A LOSS OF OFF-SITE POWER
464A	1090012300	05/25/93	APPR	PSD	RESPOND TO CORE MONITORING SYSTEM ALARMS
465A	1090013300	05/27/93	APPR	PSD	RESPOND TO GENERATOR RTD MONITORING SYSTEM ALARMS

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
466A	1059006200	05/25/93	APPR	PS	CALCULATE POWER RANGE FLUX DEVIATION (CALCULATE QUADRANT POWER TILT RATIO)
467A	1067004200	10/17/94	N/APP	PS	TEST PROCESS RADIATION MONITOR R-11 (R-12)
468A	1051017200	06/01/93	APPR	PS	TEST CONTAINMENT ISOLATION RACKS QR-50 & QR-51
469A	1067013200	10/27/94	N/APP	PS	TEST PROCESS RADIATION MONITOR R-19
470A	1030004100	08/30/94	APPR	PS	MAKEUP TO COMPONENT COOLING WATER SYSTEM
472A	1041024300	06/18/93	APPR	PSD	RESPOND TO AN RCS HIGH PRESSURE CONDITION
475A	1041057300	06/18/93	APPR	PS	RESPOND TO PRESSURIZER LEVEL CONTROL CHANNEL MALFUNCTION
476A	1050026300	06/22/93	APPR	PS	REOPEN RHR PUMP SUCTION STOP VALVES MOV-750 OR 751
484A	1038008300	04/22/93	APPR	PSD	RESPOND TO FUEL HANDLING INCIDENT (DROPPED/DAMAGED FUEL)
485A	1081001100	05/14/93	APPR	PS	START HEATER DRAIN PUMP
486A	1072006100	05/17/93	APPR	PS	PLACE MOISTURE SEPERATOR REHEATERS IN SERVICE
489A	1050010100	06/18/93	APPR	PS	GO OFF RHR
491A	1089017100	07/12/94	APPR	PS	ROLL TURBINE
492A	1002001100	10/11/94	APPR	PS	SYNCHRONIZE MAIN GENERATOR TO LINE (AUTO SYNC)
493A	1002002100	10/11/94	APPR	PS	SYNCHRONIZE MAIN GENERATOR TO LINE (MANUAL SYNC)
494A	1074011300	06/18/93	APPR	P	CONTROL STEAM GENERATOR LEVEL MANUALLY DURING UNIT STARTUP
495A	1028015100	05/13/93	APPR	P	ADJUST POWER LEVEL

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RCO INITIAL TRAINING JPM LIST

SEQ #	JPM NUMBER	REV DATE	STATUS	MODE	JPM TITLE
496A	1090010100	08/04/94	APPR	PS	ADJUST REACTIVE LOAD (CHANGE SWITCHYARD VOLTAGE)
497A	1089003100	07/13/94	APPR	PS	SHUTDOWN TURBINE-GENERATOR

