



88 MAY 25 AIO: 21

MAY 18 1988

L-88-229
10 CFR 55

Mr. John Munro, Chief
Operator Licensing Section, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, N.W., Suite 2900
Atlanta, GA 30323

Dear Mr. Munro:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Licensing Examinations

Florida Power & Light Company (FPL) has shipped the reference material requested by your letter dated April 27, 1988 to the examiners and addresses listed below:

Attn: Chuck Casto
U. S. Nuclear Regulatory Commission Region II
101 Marietta Street, N.W., Suite 3100
Atlanta, Georgia 30323

Attn: Pete Isaken
INEL
1580 Sawtelle Drive
Idaho Falls, Idaho 83415-2409

The set of reference material sent to Mr. Casto consisted of seven (7) boxes. The set sent to Mr. Isaken consisted of six (6) boxes. The sets were shipped by United Parcel Service (UPS) on May 6, 1988 from the St. Lucie Plant. An index of the reference material is attached for your information.

The examiners are requested to return the reference material to the St. Lucie Plant Training Staff, after the exam, so it can be maintained current for the next exam cycle.

GRM.LE

8806030059 880518
PDR ADOCK 05000335
V DCD

an FPL Group company

11
2612

Mr. John Munro, Chief
L-88-229
Page two

Should you require any additional information, please contact Mr. Jeff Spodick or Mr. Roger A. Walker at (305) 465-3550, extension 3448.

Very truly yours,

W. F. Conway

WFC W. F. Conway
Senior Vice President - Nuclear

WFC/GRM/gp

Attachments

cc: Dr. J. Nelson Grace, Regional Administrator, Region II, USNRC
Chuck Casto, Region II, USNRC
Pete Isaken, INEL
Document Control Desk, USNRC

**1988 INITIAL LICENSE AND SRO UPGRADE
EXAM REFERENCE MATERIALS**

Plant Administrative Procedures
Unit 1 Administrative Procedures
Unit 2 Administrative Procedures
Plant Operation Procedures
Unit 1 Operating Procedures
Unit 2 Operating Procedures
Unit 1 Off-Normal Operating Procedures
Unit 2 Off-Normal Operating Procedures
Unit 1 Emergency Operating Procedures
Unit 2 Emergency Operating Procedures
Emergency Plan Implementing Procedures
Health Physics Procedures
Unit 1 Technical Specifications
Unit 2 Technical Specifications
Unit 1 and Unit 2 Plant Physics Curves
Plant Specific Reactor Theory
Plant Specific Thermodynamics
Plant Specific Heat Transfer
Plant Specific Fluid Flow
A Layman's Guide to Radiation Protection
Systems Training RCO Texts and Lesson Plans
St. Lucie Plant RCO Exam Bank
RCO Job Performance Measures
SRO OJT Guides
Unit 1 Selected Records Drawings - P&ID Prints
Unit 2 Selected Records Drawings - P&ID Prints

ST. LUCIE PLANT
ADMINISTRATIVE PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
0010119	8	Overtime Limitations for Plant Personnel
0010120	36	Duties and Responsibilities of Operators on Shift
0010124	17	Control and Use of Jumpers and Disconnected Leads in Safety Related Systems
0010135	3	Caution Tag Clearance Procedure
0010136	4	Blue Tag Clearance Procedure

ST. LUCIE UNIT 1
ADMINISTRATIVE PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-0010123	55	Administrative Control of Valves, Locks and Switches

ST. LUCIE UNIT 2
ADMINISTRATIVE PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-0010123	28	Administrative Control of Valves, Locks and Switches

ST. LUCIE PLANT
HEALTH PHYSICS PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
HP-1	22	Radiation Work Permits
HP-2	6	FPL Health Physics Manual

ST. LUCIE PLANT
OPERATING PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
0010122	35	In-Plant Equipment Clearance Orders
0010129	9	Equipment Out-Of-Service - Class I
0030119	5	Post Trip Review
0030126	5	Estimated Critical Conditions & Inverse Count Rate Ratio
3200021	11	Axial Shape Index Control

ST. LUCIE UNIT 1
OPERATING PROCEDURES
(Page 1 of 2)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-0030120	29	Prestart Check-Off List
1-0030121	42	Reactor Plant Heatup-Cold to Hot Standby
1-0030122	32	Reactor Startup
1-0030123	16	Reactor Operating Guidelines During Steady State and Scheduled Load Changes
1-0030124	35	Turbine Start-Up Zero to Full Load
1-0030125	19	Turbine Shutdown Full Load to Zero Load
1-0030127	40	Reactor Plant Cooldown - Hot Standby to Cold Shutdown
1-0030128	7	Reactor Shutdown
1-0110055	14	Surveillance Requirements for Shutdown Margin, Modes 1 & 2 (Critical)
1-0110056	16	Surveillance Requirements for Shutdown Margin, Modes 2, 3, 4 & 5 (Subcritical)
1-0120020	43	Fill and Venting the RCS
1-0250020	24	Boron Concentration Control Normal Operation
1-0510022	28	Controlled Liquid Release to the Circulating Water Discharge
1-0530021	30	Controlled Gaseous Batch Release to Atmosphere
1-0700020	20	Cond. & Feedwater System - Normal Operation
1-0700023	5	Feedwater Heaters - Placing in or Removing From Service
1-1010020	12	Inst. Air System Operation
1-1200051	12	Nuclear & Delta T Power Calibration
1-1020020	10	Station Air System Operation

ST. LUCIE UNIT 1
OPERATING PROCEDURES
(Page 2 of 2)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-1210051	9	Wide Range Nuclear Instrumentation Channels Functional Test
1-1400059	15	Reactor Protection System - Periodic Logic Matrix Test
1-1600022	21	Unit No. 1 Refueling Operation
1-1610020	14	Receipt & Handling of New Fuel
1-1630021	3	New Fuel Elevator Operation
1-1630022	11	Spent Fuel Handling Machine Operation
1-1630023	6	Fuel Transfer System Operation
1-1630024	23	Refueling Machine Operation
1-2200050	37	Emergency Diesel Periodic Test
1-3200020	17	Primary System Manual Calorimetric

ST. LUCIE UNIT 2
OPERATING PROCEDURES
(Page 1 of 2)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-0030120	24	Prestart Check-Off List
2-0030121	22	Reactor Plant Heat-Up - Cold to Hot Standby
2-0030122	15	Reactor Startup
2-0030123	11	Reactor Operator Guidelines During Steady State and Scheduled Load Changes
2-0030124	22	Turbine Startup Zero to Full Load
2-0030125	10	Turbine Shutdown-Full Load to Zero Load
2-0030127	27	Reactor Plant Cooldown - Hot Standby to Cold Shutdown
2-0030128	5	Reactor Shutdown
2-0110055	8	Surveillance Requirements for Shutdown Margin Modes 1 and 2 (Critical)
2-0110056	6	Surveillance Requirements for Shutdown Margin Modes 2, 3, 4, 5 (Sub-Critical)
2-0120020	23	Filling & Venting the RCS
2-0250020	10	Boron Concentration Control - Normal Operation
2-0510022	5	Controlled Liquid Release to the Circulating Water Discharge
2-0530021	9	Controlled Gaseous Batch Release to Atmosphere
2-0700020	13	Condensate and Feedwater System Operation - Normal Operation
2-0700023	3	Feedwater Heaters - Placing In or Removing From Service
2-1010020	10	Instrument Air System Organization
2-1020020	7	Station Air System Operation

ST. LUCIE UNIT 2
OPERATING PROCEDURES
(Page 2 of 2)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-1200051	6	Nuclear and Delta T Power Calibration
2-1210051	4	Wide Range Nuclear Instrumentation Channel Functional Test
2-1400059	10	Reactor Protection System - Periodic Logic Matrix Test
2-1600022	4	Unit No. 2 Refueling Operation
2-1610020	8	Receipt and Handling of New Fuel
2-1630021	3	New Fuel Elevator Operation
2-1630024	8	Refueling Machine Operation
2-2200050	17	Emergency Diesel Periodic Test
2-3200020	7	Primary System Manual Calorimetric

ST. LUCIE UNIT 1
OFF-NORMAL OPERATING PROCEDURES
(Page 1 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-0030030	2	Anticipated Transient Without Scram (ATWS)
1-0030131	25	Plant Annunciator Summary
1-0030134	5	Alternate Shutdown
1-0030135	4	Control Room Inaccessibility
1-0030136	0	Loss of a Safety-Related D.C. Bus
1-0030140	32	Blackout Operation
1-0030143	9	Total Loss of AC Power
1-0110030	17	CEA Off-Normal Operation and Realignment
1-0120031	13	Excessive Reactor Coolant System Leakage
1-0120032	9	Excessive Reactor Coolant System Activity
1-0120034	19	Reactor Coolant Pump - Off-Normal Operation
1-0120035	10	Pressurizer Pressure & Level - Off-Normal Operation
1-0120036	7	Pressurizer Relief/Safety Valve - Off-Normal Operation
1-0120037	1	Reactor Coolant Gas System - Off-Normal Operation
1-0120039	4	Natural Circulation Cooldown
1-0210030	12	Charging and Letdown - Off-Normal Operation
1-0250030	5	Emergency Boration
1-0250031	7	Boron Concentration Control Off-Normal Operation
1-0310030	16	Component Cooling Water - Off-Normal Operation
1-0310031	7	C.C.W. - Excessive Activity
1-0330030	4	Turbine Cooling Water System - Off-Normal Operation

ST. LUCIE UNIT 1
OFF-NORMAL OPERATING PROCEDURES
(Page 2 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-0350030	3	Fuel Pool Cooling System - Off-Normal Operation
1-0360030	1	Operational Requirements for the Emergency Cooling Water Canal
1-0410030	8	HPSI - Off-Normal Operation
1-0440030	7	SDC/LPSI - Off-Normal Operation
1-0510030	3	Uncontrolled Release of Radioactive Liquids
1-0530030	5	Waste Gas System - Off-Normal Operations
1-0530031	2	Uncontrolled Release of Radioactive Gas
1-0610030	4	Secondary Chemistry Off-Normal
1-0610031	6	Loss of Condenser Vacuum
1-0620030	8	Circulating Water System - High Delta T and High Discharge Temperature
1-0640030	5	ICW System - Off-Normal Operation
1-0700030	1	Partial Loss of Feedwater
1-0700031	1	Auxiliary Feedwater Off-Normal Operation
1-0830030	1	Steam Generator Tube Leak
1-0910030	5	Start-Up Transformer - Off-Normal Operation
1-0910031	6	Main Transformer - Off-Normal Operation
1-0910032	2	Auxiliary Transformer Off-Normal Operation
1-0950030	6	Boric Acid Heat Tracing System Off-Normal Operation
1-0960030	18	D.C. Ground Isolation
1-0970030	2	120V Instrument AC System (Class 1E) Off-Normal Operation

ST. LUCIE UNIT 1
OFF-NORMAL OPERATING PROCEDURES
(Page 3 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-0970031	2	Loss of Sups - Non-Safety Vital AC or Fire and Security Inverters
1-1010030	10	Loss of Instrument Air
1-1110030	4	Off-Normal Operation of the Letdown Monitor
1-1110031	4	Off-Normal Operation of the Condenser Air Ejector Monitor
1-1110032	4	Off-Normal Operation of the Liquid Waste Process Monitor
1-1110033	2	Off-Normal Operation of the Gaseous Waste Monitor
1-1110034	3	Off-Normal Operation of the Plant Vent Process Monitor
1-1110035	2	Off-Normal Operation of the Containment Process Monitor
1-1110036	4	Off-Normal Operation of the Component Cooling Water Process Monitors A and B
1-1110037	2	Off-Normal Operation of the Steam Generator Blowdown Process Monitors A and B
1-1110038	4	Off-Normal Operation of the Fuel Building Effluent Monitor
1-1120030	1	Area Radiation Monitoring System (ARMS) Off-Normal Condition Operation
1-1210030	3	Wide Range Nuclear Instrumentation Channel Malfunction
1-1220030	0	Linear Power Range Channel Malfunction
1-1300030	3	Loss of Containment Integrity - Off-Normal Operation

ST. LUCIE UNIT 1
OFF-NORMAL OPERATING PROCEDURES
(Page 4 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-1300031	4	Airlocks - Off-Normal Operation
1-1560030	3	Primary Water System - Off-Normal
1-1600030	5	Accidents Involving New or Spent Fuel
1-1900030	9	Auxiliary Building and Control Building Ventilaiton Off-Normal Operation
1-2000030	6	Loss of One Reactor Cavity Cooling Fans or Reactor Support Fans
1-2100030	3	Oil Spill Emergencies
1-3000030	3	Severe Weather Preparations

ST. LUCIE UNIT 2
OFF-NORMAL OPERATING PROCEDURES
(Page 1 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-0030030	2	Anticipated Transient Without Scram (ATWS)
2-0030131	9	Plant Annunciator Summary
2-0030134	3	Alternate Shutdown
2-0030135	3	Control Room Inaccessibility
2-0030136	0	Loss of a Safety-Related D.C. Bus
2-0030140	13	Black-Out Operation
2-0030143	12	Total Loss of AC Power
2-0110030	13	CEA Off-Normal Operation and Realignment
2-0120031	3	Excessive Reactor Coolant System Leakage
2-0120032	3	Excessive Reactor Coolant System Activity
2-0120034	6	Reactor Coolant Pump Off-Normal Operation
2-0120035	9	Pressurizer Pressure and Level - Off-Normal Operation
2-0120036	5	Pressurizer Relief/Safety Valve - Off Normal Operation
2-0120037	6	Reactor Coolant Gas Vent System Off-Normal Operation
2-0120039	4	Natural Circulation Cooldown
2-0210030	7	Charging and Letdown - Off-Normal Operation
2-0250030	6	Emergency Boration
2-0250031	5	Boron Concentration Control Off-Normal
2-0310030	5	Component Cooling Water - Off-Normal Operation
2-0310031	3	C.C.W. - Excessive Activity
2-0330030	1	Turbine Cooling Water System - Off-Normal Operation

ST. LUCIE UNIT 2
OFF-NORMAL OPERATING PROCEDURES
(Page 2 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-0350030	1	Fuel Pool Cooling System - Off-Normal Operation
2-0360030	2	Operational Requirements for the Emergency Cooling Water Canal
2-0410030	5	HPSI - Off-Normal Operation
2-0440030	9	SDC/LPSI - Off-Normal Operation
2-0510030	1	Uncontrolled Release of Radioactive Liquids
2-0530030	5	Waste Gas System - Off-Normal Operations
2-0530031	1	Uncontrolled Release of Radioactive Gas
2-0610030	7	Secondary Chemistry Off-Normal
2-0610031	3	Loss of Condenser Vacuum
2-0620030	5	Circulating Water System - High Delta T and High Discharge Temperature
2-0640030	2	ICW System - Off-Normal Operation
2-0700030	4	Partial Loss of Feedwater
2-0700031	1	Auxiliary Feedwater - Off-Normal Operation
2-0830030	1	Steam Generator Tube Leak
2-0910030	4	Start-Up Transformer - Off-Normal Operation
2-0910031	2	Main Transformer Off-Normal Operation
2-0910032	1	Auxiliary Transformer Off-Normal Operation
2-0950030	2	Boric Acid heat Tracing System Off-Normal Operation
2-0960030	8	D.C. Ground Isolation
2-0970030	3	120V Instrument AC System (Class 1E) Off-Normal Operation

ST. LUCIE UNIT 2
OFF-NORMAL OPERATING PROCEDURES
(Page 3 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-0970031	4	Loss of Sups-Non-Safety Vital AC or Fire and Security Inverters
2-1010030	4	Loss of Instrument Air
2-1110030	3	Off-Normal Operation of the Letdown Monitor
2-1110031	1	Off-Normal Operation of the Condenser Air Ejector Monitor
2-1110032	3	Off-Normal Operation of the Liquid Waste Process Monitor
2-1110033	3	Off-Normal Operation of the Gaseous Waste Monitor
2-1110034	1	Off-Normal Operation of the Plant Vent Process Monitor
2-1110035	0	Off-Normal Operation of the Containment Process Monitor
2-1110036	0	Off-Normal Operation of the Component Cooling Water Process Monitors A and B
2-1110037	2	Off-normal Operation of the Steam Generator Blowdown Process Monitors A and B
2-1110038	0	Off-Normal Operation of the Fuel Building Effluent Monitor (FBEM)
2-1120030	1	Off-Normal Operation of the Area Radiation Monitoring System
2-1210030	1	Wide Range Nuclear Instrumentation Channel Malfunction
2-1220030	1	Linear Power Range Channel Malfunction
2-1300030	1	Loss of Containment Integrity - Off-Normal Operation
2-1300031	1	Airlocks - Off-Normal Operation

ST. LUCIE UNIT 2
OFF-NORMAL OPERATING PROCEDURES
(Page 4 of 4)

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-1560030	2	Primary Water System - Off-Normal
2-1600030	2	Accidents Involving New or Spent Fuel
2-1900030	5	Auxiliary Building and Control Building Ventilation Off-Normal Operation
2-2000030	7	Loss of One Reactor Cavity Cooling Fans or Reactor Support Fans
2-2100030	1	Oil Spill Emergencies
2-3000030	3	Severe Weather Preparations

ST. LUCIE PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
3100021E	22	Duties & Responsibilities of the Emergency Coordinator
3100022E	15	Classification of Emergencies
3100023E	36	On Site Emergency Organization and Roster
3100024E	14	Natural Emergencies
3100025E	10	Fire Emergencies
3100026E	11	Criteria for and Conduct of Evacuations
3100027E	6	Re-Entry
3100029E	6	Duties of an Individual Who Discovers an Emergency
3100032E	7	On Site Support Centers
3100033E	11	Off Site Dose Calculations
3100034E	5	Maintaining Emergency Preparedness - Radiological E-Plan Training
3100035E	3	Off-Site Radiological Monitoring
3100050E	7	Maintaining Emergency Preparedness - Emergency Exercises, Drills, Test, and Evaluations

ST. LUCIE UNIT 1
EMERGENCY OPERATING PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
1-EOP-1	1	Standard Post Trip Actions (SPTA's)
1-EOP-2	1	Reactor Trip Recovery
1-EOP-3	3	Loss of Coolant Accident
1-EOP-4	3	Steam Generator Tube Rupture
1-EOP-5	2	Excess Steam Demand
1-EOP-6	1	Total Loss of Feedwater
1-EOP-7	2	Loss of Forced Circulation
1-EOP-8	3	Functional Recovery Procedure

ST. LUCIE UNIT 2
EMERGENCY OPERATING PROCEDURES

<u>PROCEDURE #</u>	<u>REV.</u>	<u>TITLE</u>
2-EOP-1	2	Standard Post Trip Actions (SPTA's)
2-EOP-2	1	Reactor Trip Recovery
2-EOP-3	2	Loss of Coolant Accident
2-EOP-4	2	Steam Generator Tube Rupture
2-EOP-5	2	Excess Steam Demand
2-EOP-6	2	Total Loss of Feedwater
2-EOP-7	2	Loss of Forced Circulation
2-EOP-8	2	Functional Recovery Procedure

SYSTEMS TRAINING RCO LESSON PLANS AND TEXT

<u>DOCUMENT NO.</u>	<u>REV. NO.</u>	<u>TITLE</u>
07-02201	3	Reactor Coolant System
07-11201	4	
07-02202	3	Reactor Coolant Pump
07-11202	3	
07-02203	3	Reactor Vessel and Internals
07-11203	2	
07-02204	2	Core Design and Control
07-11204	3	
07-02205	4	Chemical and Volume Control System
07-11205	4	
07-02206	5	Pressurizer Pressure and Level Control
07-11206	5	
07-02207	3	Emergency Core Cooling and Containment Heat
07-11207	4	Removal Systems
07-02208	0	Fuel Handling Systems
07-11208	3	
07-02301	1	Condensate, Feedwater, and Heater Vent and Drain
07-11301	4	Systems
07-02303	4	Main Turbine, Turbine Lubricating Oil System
07-11303	2	and Gland Seal
07-02304	2	Main Extraction and Auxiliary Steam Systems
07-11304	3	
07-02307	3	Main Generator and Control
07-11307	4	
07-02401	3	Engineered Safety Features Actuation System
07-11401	4	
07-02402	1	Reactor Regulating System
07-11402	3	
07-02403	5	Nuclear Instrumentation System
07-11403	4	

SYSTEMS TRAINING RCO LESSON PLANS AND TEXT

<u>DOCUMENT NO.</u>	<u>REV. NO.</u>	<u>TITLE</u>
07-02404	3	Reactor Protection System
07-11404	4	
07-02405	2	Control Element Drive System
07-11405	3	
07-02406	2	Steam Bypass Control System
07-11406	3	
07-02407	2	Incore Instrumentation System Qualified Safety Parameter Display System
07-11407	3	
07-02408	4	Feedwater Regulating Control System
07-11408	4	
07-02409	2	DEH Control System
07-11409	5	
07-02410	2	Unit 1 Radiation Monitoring System
07-11410	2	
07-02411	2	Unit 2 Radiation Monitoring System
07-11411	2	
07-02412	2	Auxiliary Feedwater System and AFAS
07-11412	5	
07-11501	3	Diesel Generators
07-02502	2	Main Power Distribution System
07-11502	2	
07-02503	4	125 Volt DC System
07-02504	2	120/208 Volt AC System
07-11503/504	3	120 Volt Instrument and Vital AC System
07-02601	0	Auxiliary Building Ventilation System
07-11601	2	
07-02602	1	Containment and Shield Building Ventilation Systems
07-11602	3	

**SYSTEMS TRAINING
RCO LESSON PLANS AND TEXT**

<u>DOCUMENT NO.</u>	<u>REV. NO.</u>	<u>TITLE</u>
07-02801	1	Startup/Shutdown Operating Procedures Overview
07-10801	1	
07-02802	1	Operating Procedures Overview
07-11802	1	
07-02811	3	Safety Function Concept
07-11811	2	
07-02812	4	Off-Normal Procedures
07-11812	2	
07-02821	3	EOP Overview
07-11821	2	
07-02822	1	Reactor Trip Event/Procedure
07-11822	2	
07-02823	2	LOFC Event/Procedure
07-11823	1	
07-02824	1	LOCA Event/Procedure
07-11824	1	
07-02825	1	SGTR Event/Procedure
07-11825	1	
07-02826	1	ESDE Event/Procedure
07-11826	2	
07-02827	1	LOFW Event/Procedure
07-11827	0	
07-02832	3	Core Meltdown Scenario
07-11832	3	
07-02842	3	Tech Specs for RCO's
07-11812	3	
07-04404	0	Plant Air Systems
07-04201	2	Cooling Water Systems

RCO
JOB PERFORMANCE MEASURES

<u>DOCUMENT NO.</u>	<u>TITLE</u>
0701103	Restore Component Cooling Water to Reactor Coolant Pumps
0701116	Start an Additional Charging Pump
0701204	Adjust Level and Pressure for Safety Injection Tanks
0701226	Start, Test, Shutdown Diesel Generators
0701304	Calibrate Nuclear and Delta T Power
0701306	Calculate Calorimetric Manually

SRO UPGRADE OJT GUIDES

<u>DOCUMENT NO.</u>	<u>REV. NO.</u>	<u>TITLE</u>
0905101	1	EOP-01, EOP-2
0905102	1	EOP-04
0905103	0	EOP-03
0905104	0	EOP-05
0905105	0	EOP-06
0905106	0	EOP-07
0905107	1	Blackout
0905108	0	EOP-08
0905109	1	EPIP's
0905201	0	Excess RCS Leak, Actuation of Natural Circulation Cooldown
0905202	0	Alternate Shutdown, Control Room Inaccessibility
0905203	0	Pressurizer Pressure and Level Off-Normal, Charging and Letdown Off-Normal
0905204	1	ATWAS, CEA Misaligned Off-Normal, Emergency Boration
0905205	0	HPSI Off-Normal, LSPI Off-Normal, SDC Off-Normal
0905206	0	Loss of Vacuum, Secondary Chemistry Off-Normal
0905207	1	Partial Loss of Feedwater, Steam Generator Tube Leak
0905208	0	Loss of Vital SUPS, AC Ground, ARMS Off-Normal
0905209	0	AFAS, ESFAS RPS, NI Malfunction
0905210	0	Accidents Involving Fuel
0905301	1	Turbine Shutdown, Reactor Plant Shutdown
0905302	0	Reactor Plant Cooldown
0905303	1	Drain RCS, Fill and Drain Canal and Cavity
0905304	0	Refueling Sequence
0905305	0	Fill and Vent, Reactor Plant Heat-Up

SRO UPGRADE OJT GUIDES

<u>DOCUMENT NO.</u>	<u>REV. NO.</u>	<u>TITLE</u>
0905306	0	Initial Criticality, Power Ascension, Post-Trip Recovery
0905307	1	Reactor Startup, Zero to Full Power
0905308	1	Steadystate, ASI Control, Monitor LHR
0905401	0	Liquid Release, RWP
0905402	1	Gas Release (GDT, Batch, CST)
0905403	0	Shift Turnover, Issue Keys, Authorize Overtime
0905404	1	Write/Approve Temporary Changes, Jumpers and Lifted Leads
0905405	0	Non-Routine Reports, Fire Impairment, Cycles and Transients
0905406	1	Technical Specifications in Relation to Routine Duties
0905501	0	D/G Surveillance
0905502	1	Inplant Equipment Clearance Orders
0905503	0	Inplant Clearance Orders, Secondary Surveillances and Checks
0905504	0	Periodic Surveillances and Results Review
0905505	0	ASME Pump and Valve Testing
0905506	0	CEA Periodic, Maintenance Request for Approval

UNIT 1 PRINTS

<u>PRINT NO.</u>	<u>SHEET</u>	<u>REV. NO.</u>	<u>SYSTEM DESCRIPTION</u>
8770-G-078	110	8	Reactor Coolant System
8770-G-078	111	3	Reactor Coolant Pumps
8770-G-078	120	2	CVCS System - Sheet 1
8770-G-078	121	6	CVCS System - Sheet 2
8770-G-078	130	4	Safety Injection System
8770-G-078	131	3	Safety Injection System
8770-G-078	140	2	Fuel Pool System
8770-G-078	150	4	Sample System
8770-G-079	001	24	Main Steam #1
8770-G-079	002	24	Main Steam #2
8770-G-079	003	24	Extraction Steam #1
8770-G-079	004	24	Extraction Steam #2
8770-G-079	005	25	Auxiliary Steam
8770-G-079	006	24	Air Evacuation
8770-G-080	001	27	Feed and Condensate Systems
8770-G-080	002	25	Feed and Condensate Systems
8770-G-080	003	25	Feed and Condensate Systems
8770-G-080	004	24	Feed and Condensate Systems
8770-G-081	---	21	Heater Drain and Vent System
8770-G-082	001	25	Circulating and Intake Cooling Water System
8770-G-082	002	2	Circulating and Intake Cooling Water System
8770-G-083	---	21	Component Cooling Water System
8770-G-085	001	21	Service and Instrument Air System
8770-G-085	002	15	Instrument Air System
8770-G-085	003	5	Instrument Air System
8770-G-085	004	22	Instrument Air System
8770-G-088	---	18	Containment Spray and Refueling Water System
8770-G-089	001	16	Turbine Cooling Water System
8770-G-089	002	16	Turbine Cooling Water System
8770-116 (MI-17050)	---	12	Turbine Generator Electro Hydraulic Fluid System and Lube System

UNIT 2 PRINTS

<u>PRINT NO.</u>	<u>SHEET</u>	<u>REV. NO.</u>	<u>SYSTEM DESCRIPTION</u>
2998-G-078	107	1	Reactor Coolant System - Sheet 1
2998-G-078	108	0	Reactor Coolant System - Sheet 2
2998-G-078	109	1	Reactor Coolant System - Sheet 3
2998-G-078	110	1	Reactor Coolant System - Sheet 4
2998-G-078	111	1	Reactor Coolant Pump
2998-G-078	115	3	Reactor Pump Seal Injection Addition
2998-G-078	120	2	CVCS System - Sheet 1
2998-G-078	121	2	CVCS System - Sheet 2
2998-G-078	122	1	CVCS System - Sheet 3
2998-G-078	130	2	Safety Injection System - Sheet 1
2998-G-078	131	1	Safety Injection System - Sheet 2
2998-G-078	132	0	Safety Injection System - Sheet 3
2998-G-078	140	2	Fuel Pool System
2998-G-079	001	15	Main Steam - Sheet 1
2998-G-079	002	16	Main Steam - Sheet 2
2998-G-079	003	16	Extraction Steam #1
2998-G-079	004	16	Extraction Steam #2
2998-G-079	005	13	Auxiliary Steam
2998-G-079	006	15	Air Evacuation System
2998-G-080	001	18	Feedwater and Condensate System
2998-G-080	002	14	Feedwater and Condensate System
2998-G-081	001	12	Heat Drain and Vent System
2998-G-081	002	12	Heat Drain and Vent System
2998-G-082	---	17	Circulating and Intake Cooling Water System
2998-G-083	---	17	Component Cooling Water System
2998-G-084	---	17	Fire, Domestic and Makeup Water System
2998-G-085	001	14	Service and Instrument Air System
2998-G-085	002	18	Instrument Air System
2998-G-088	---	18	Containment Spray and Refueling Water System
2998-G-089	---	11	Turbine Cooling Water System