



September 8, 2000

L-2000-172
10 CFR 50 Appendix E

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Emergency Plan Implementing Procedures

In accordance with 10 CFR 50 Appendix E, enclosed is a copy of each of the revised Emergency Plan Implementing Procedures (EPIPs).

<u>Number</u>	<u>Title</u>	<u>Revision</u>	<u>Implementation Date</u>
EPIP-03	Emergency Response Organization Notification/Staff Augmentation	8	August 10, 2000
EPIP-05	Activation And Operation Of The Operational Support Center	5	August 10, 2000
EPIP-12	Maintaining Emergency Preparedness - Radiological Emergency Plan Training	7	August 10, 2000

St. Lucie Plant has established improved medical response capabilities which allow for the elimination of the Operational Support Center (OSC) paramedic position from the emergency response organization. The OSC paramedic is not required by the Emergency Plan and FPL has in place, alternate medical emergency response capabilities. FPL's Emergency Plan commitment to respond to a medical event at St. Lucie plant has not changed. The elimination of this position from the emergency response organization is reflected in the attached EPIP-03 Revision 8, EPIP-05 Revision 5, and EPIP-12 Revision 7. In addition, EPIP-03 Revision 8 contains various administrative and editorial changes. EPIP-05 Revision 5 incorporates changes to the re-entry guidelines and also contains various editorial and administrative changes.

Please contact us if there are any questions regarding these procedures.

Very truly yours,

Rajiv S. Kundalkar
Vice President
St. Lucie Plant

RSK/tit

Enclosures

cc: Regional Administrator, USNRC, Region II (2 copies)
Senior Resident Inspector, USNRC, St. Lucie Plant w/o

A045



**ST. LUCIE PLANT
EMERGENCY PLAN
IMPLEMENTING PROCEDURE**
SAFETY RELATED

Procedure No.
EPIP-03

Current Rev. No.
8

Effective Date:
08/10/00

Title:

**EMERGENCY RESPONSE ORGANIZATION
NOTIFICATION/STAFF AUGMENTATION**

Responsible Department: **EMERGENCY PREPAREDNESS**

Revision Summary

Revision 8 - Supported elimination of OSC paramedic position and made editorial and administrative changes. (G. Varnes, 08/08/00)

Revision 7 - Increased emphasis on callout process, changed callout sequence, added notes for emphasis, made administrative changes, and added autodialer checklist. (Donna Calabrese, 04/27/00)

Revision 6 - Removed reference to the rotating maintenance shift supervisor from the definition/description of the duty call supervisor and revised security title from supervisor to specialist. (J. R. Walker, 07/01/99)

Revision 5 - Transferred EP responsibilities from the Training Manager to the Protection Services Manager. Made editorial changes and added new position -regulatory affairs. (J. R. Walker, 06/17/99)

Revision 4 - Added 2 new positions to call tree to address Security org. and added editorial/administrative changes. (J. R. Walker, 2/23/99)

Revision	FRG Review Date	Approved By	Approval Date	S__OPS DATE _____ DOCT PROCEDURE DOCN EPIP-03 SYS _____ COMP COMPLETED ITM 8
0	12/15/97, 1/30/98	J. Scarola Plant General Manager	1/30/98	
8	08/08/00	R. G. West Plant General Manager	08/08/00	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> PSL 818 CONTROL COPY </div>
		N/A Designated Approver		
		N/A Designated Approver (Minor Correction)		

PROCEDURE PRODUCTION

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 2 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 PURPOSE	3
2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS	3
3.0 RESPONSIBILITIES	4
3.1 Emergency Coordinator	4
3.2 Duty Call Supervisor	4
3.3 Members of Emergency Response Organization	5
3.4 Protection Services Manager	5
4.0 DEFINITIONS	5
5.0 INSTRUCTIONS	7
 <u>ATTACHMENT</u>	
ATTACHMENT 1 EMERGENCY STAFFING CALL TREE	14
ATTACHMENT 2 FPL EMERGENCY RECALL SYSTEM (ERS) ACTIVATION CHECKLIST	24

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 3 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

1.0 PURPOSE

§₂

NOTE

The Staff Augmentation process is an essential part of the Emergency Plan in that it puts in place the resources necessary to mitigate an accident and protect the health and safety of the public.

This procedure provides instructions to:

- 1.1 Activate the St. Lucie Plant Emergency Response Organization (ERO) for staff augmentation in response to an emergency declaration.

2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

NOTE

One or more of the following symbols may be used in this procedure:

§ Indicates a Regulatory commitment made by Technical Specifications, Condition of License, Audit, LER, Bulletin, etc., and shall NOT be revised without Facility Review Group review and Plant General Manager approval.

¶ Indicates a management directive, vendor recommendation, plant practice or other non-regulatory commitment that should NOT be revised without consultation with the plant staff.

2.1 References

§₁

1. St. Lucie Plant Radiological Emergency Plan (E-Plan)
2. E-Plan Implementing Procedures (EPIP 00 - 13) /R8
3. HP-200, Health Physics Emergency Organization
4. AP 0010120, Conduct of Operations
5. ADM-15.04, Fitness For Duty - Call-Out and For Cause Testing
6. St. Lucie Plant Emergency Response Directory (ERD)
7. QI-17-PSL-1, Quality Assurance Records

REVISION NO.: <p style="text-align: center;">8</p>	PROCEDURE TITLE: <p style="text-align: center;">EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION</p> <p style="text-align: center;">ST. LUCIE PLANT</p>	PAGE: <p style="text-align: center;">4 of 26</p>
PROCEDURE NO.: <p style="text-align: center;">EPIP-03</p>		

2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS
(continued)

2.2 Records Required

None

2.3 Commitment Documents

1, CR 00-0544 - QA Audit QSL-EP-00-02: Discrepancies with Primary and Backup ERO Callout Processes /R8

3.0 RESPONSIBILITIES

3.1 The Emergency Coordinator (EC) has the overall responsibility for the notification and call-out of the ERO as provided for in EPIP-02, Duties and Responsibilities of the Emergency Coordinator.

3.2 The Duty Call Supervisor (DCS)

1. The Duty Call Supervisor reports to the affected Unit Control Room upon declaration of the emergency, If the unaffected Unit ANPS assumes the role of DCS, Then he/she shall fulfill the responsibilities without leaving the unaffected Control Room.
2. Complete the following as directed by the NPS/EC:
 - A. State Notification Form (EPIP-08). /R8
 - B. Off-site notifications (EPIP-08). /R8
 - C. Staff augmentation (per this procedure).
 - D. Operations Department Accountability Aid.
3. Conduct a turnover with the TSC OPS Coordinator (NPS Communicator in the Control Room) regarding the status of communications and other tasks underway.

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 5 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.3 Members of the Emergency Response Organization (ERO):

- §₁
1. Advise the Protection Services Manager when his/her duties are changed such that he/she can no longer participate in the ERO.
 2. Maintain a copy of the ERD readily available 24 hours a day (individuals with call-out duties only).
 3. Make notifications, as required by their position, when notified by the DCS, in accordance with the instructions contained in the ERD.
 4. When notified, report to the assigned Emergency Response Facility (ERF).

3.4 Protection Services Manager

- §₁
1. Ensure verification of the following for ERO personnel quarterly:
 - A. Personnel phone/beeper numbers
 - B. Training qualifications in accordance with EPIP-12, Maintaining Emergency Preparedness, Radiological Emergency Plan Training.

- ¶₁
- 3.5 The Emergency Preparedness Supervisor is responsible to ensure that both primary and backup staff augmentation methodologies are adequately maintained. The requirements for maintaining the augmentation methodologies are detailed in EPIP-13, Maintaining Emergency Preparedness - Emergency Exercises, Drills, Tests and Evaluations.

/R8

4.0 DEFINITIONS

4.1 Autodialer

See FPL Emergency Recall System below.

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 6 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

4.0 DEFINITIONS (continued)

4.2 Duty Call Supervisor (DCS)

The Duty Call Supervisor is a specifically designated and trained supervisor responsible for assisting the Emergency Coordinator in making notifications and calls to the Emergency Response Organization.

4.3 Emergency Response Organization (ERO)

A trained group of personnel that are designated to perform specific duties during emergencies.

4.4 St. Lucie Plant Emergency Response Directory (ERD)

A printed directory which provides guidance for performing a call-out of the Emergency Response Organization. The ERD contains the names, positions, home phone numbers, and pager numbers for the members of the ERO.

4.5 FPL Emergency Recall System (ERS)

A computer-based automated call-out system used to activate the ERO. This system is also referred to as the "autodialer".

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 7 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS

5.1 Emergency Coordinator (EC)

- 1. Instructions for the EC are located in EPIP-02, Duties and Responsibilities of the Emergency Coordinator.**

END OF SECTION 5.1

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 8 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.2 Duty Call Supervisor (DCS)

1. As directed by the EC, initiate call-out of ERO members using Attachment 2, FPL Emergency Recall System (ERS) Activation Checklist.

NOTE

Instructions for activation of the autodialer are located in the Duty Call Supervisor Notebook which is maintained in accordance with Appendix E to AP-0010120, Conduct of Operations.

2. If during normal working hours, Then activate autodialer only.
 - A. Do NOT call-out ERO members using the ERD.
3. If during off normal working hours, Then begin call-out of ERO members, as detailed in the ERD, after initiating the autodialer.
 - A. Notify Security Shift Specialist AND HP Shift Supervisor/On-shift Tech by plant radio or other prompt means.
 - B. Notify each of the following positions by cell/page/radio:
 1. Emergency Coordinator
 2. Recovery Manager
 3. Nuclear Division Duty Officer
 - C. If autodialer has NOT activated, Then continue to notify the following:
 1. TSC Chemistry Supervisor
 2. TSC EP Coordinator
 3. EP Manager
 4. EOF Emergency Technical Manager
 5. TSC Coordinator with OSC.

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 9 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.2 Duty Call Supervisor (DCS) (continued)

3. (continued)

NOTE

Read and review Steps 5.2.3.D.1 - 5.2.3.D.5 below and mark appropriately for an actual emergency call-out drill or phone test prior to making the first call.

D. When the responder answers, CLEARLY STATE THE FOLLOWING:

- 1.** This is (your name), functioning as Duty Call Supervisor.
- 2.** This is an/a (actual emergency/call-out drill/phone test) message.
- 3.** St. Lucie Plant has declared an/a (ALERT / SITE AREA EMERGENCY / GENERAL EMERGENCY) **OR** is conducting a (call-out drill/phone test).

- 4.** I am calling you for the position of (state position from Step 5.2.3 above).

a. Are you fit for duty and able to respond?

(If YES: record name on call-out list and continue with questions).

(If NO: Terminate the call and go to next person for the position.)

b. What is your estimated drive time to your emergency response facility?

(Record estimated arrival time under ETA on call-out list).

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 10 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.2 Duty Call Supervisor (DCS) (continued)

3. (continued)

D. (continued)

5. Promptly complete your call tree section if applicable and report to your emergency response facility.

OR

This is a phone test only, DO NOT report to your emergency response facility after completing your calls.

E. If autodialer activation is indicated, Then NOTIFY Security Shift Specialist and HP Shift Supervisor/On-shift Tech to suspend call-out.

END OF SECTION 5.2

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 11 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.3 ERO Members with Call Tree Duties

1. Maintain a current copy of the ERD for use at all times.
2. Perform manual call-outs as instructed by the DCS and ERD.
 - A. Begin at the top of your call list and proceed down the list until either:

An individual is contacted to fill each position

OR

All positions have been attempted once.

NOTE

Read and review Steps 5.3.2.B.1 - 5.3.2.B.5 below and mark appropriately for an actual emergency, a call-out drill or phone test prior to making the first call.

B. When the responder answers, CLEARLY STATE THE FOLLOWING:

1. This is (your name), functioning as (ERO position title).
2. This is an/a (actual emergency/call-out drill/phone test) message.
3. St. Lucie Plant has declared an/a (ALERT / SITE AREA EMERGENCY / GENERAL EMERGENCY) **OR** is conducting a (call-out drill/phone test).
4. I am calling you for the position of (state position from ERD Call-out Phone List).
 - a. Are you fit for duty and able to respond?

(If YES: check name on call-out list and continue with questions).

(If NO: Terminate the call and go to next person for the position.)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 12 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.3 ERO Members with Call Tree Duties (continued)

2. (continued)

B. (continued)

4. (continued)

b. What is your estimated drive time to your emergency response facility?

(Record estimated arrival time under ETA on call-out list).

5. Promptly report to your emergency facility.

OR

This is a phone test only, DO NOT report to your emergency response facility.

C. Report to assigned emergency response facility upon completion of call-outs and furnish call-out data to facility manager.

If consumed alcohol in the past 5 hours, Then report to Security prior to entering the site or EOF.

END OF SECTION 5.3

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 13 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.4 ERO Members with no call-out duties

Report at once to your assigned emergency response facility.

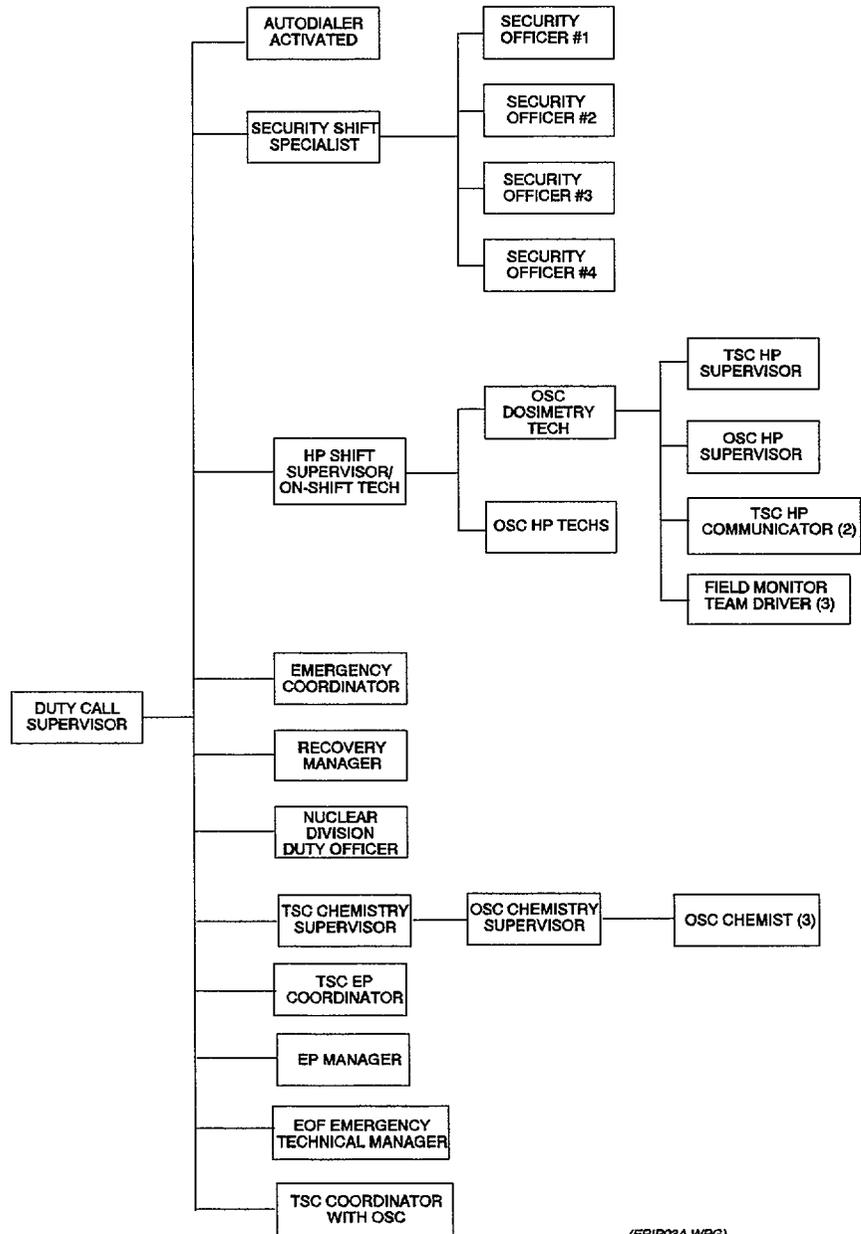
If consumed alcohol in the past 5 hours, Then report to Security prior to entering the site or EOF.

END OF SECTION 5.4

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 14 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 1 of 11)**

DUTY CALL SUPERVISOR

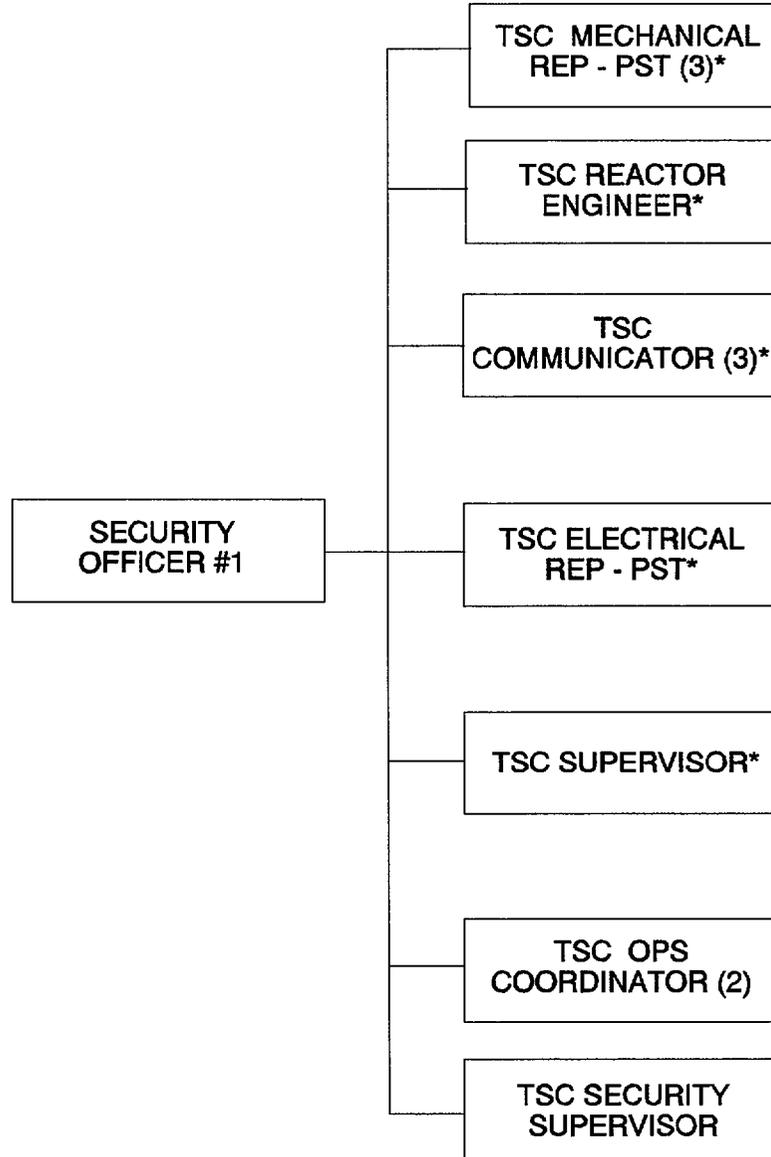


(EPIP03A WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 15 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 2 of 11)**

SECURITY OFFICER #1



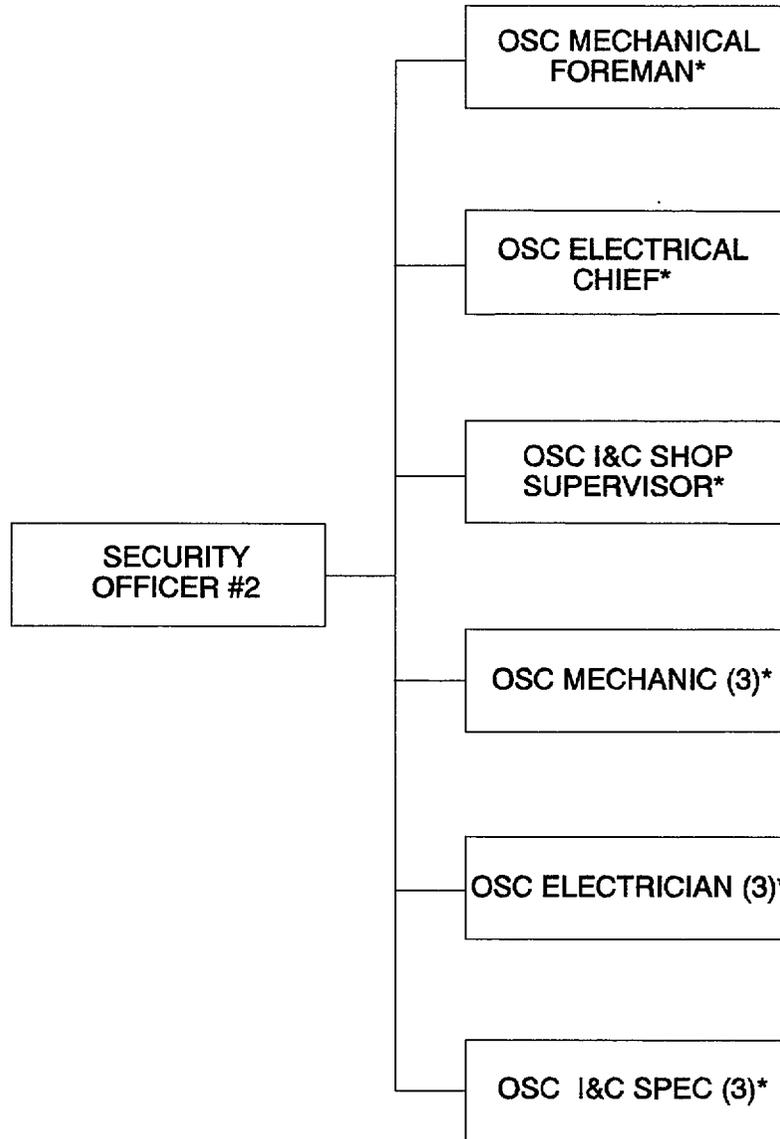
* MINIMUM STAFFING POSITION OR FIRST LINE ALTERNATE TO MINIMUM STAFFING POSITION

(EPIP03B.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 16 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE**
(Page 3 of 11)

SECURITY OFFICER #2

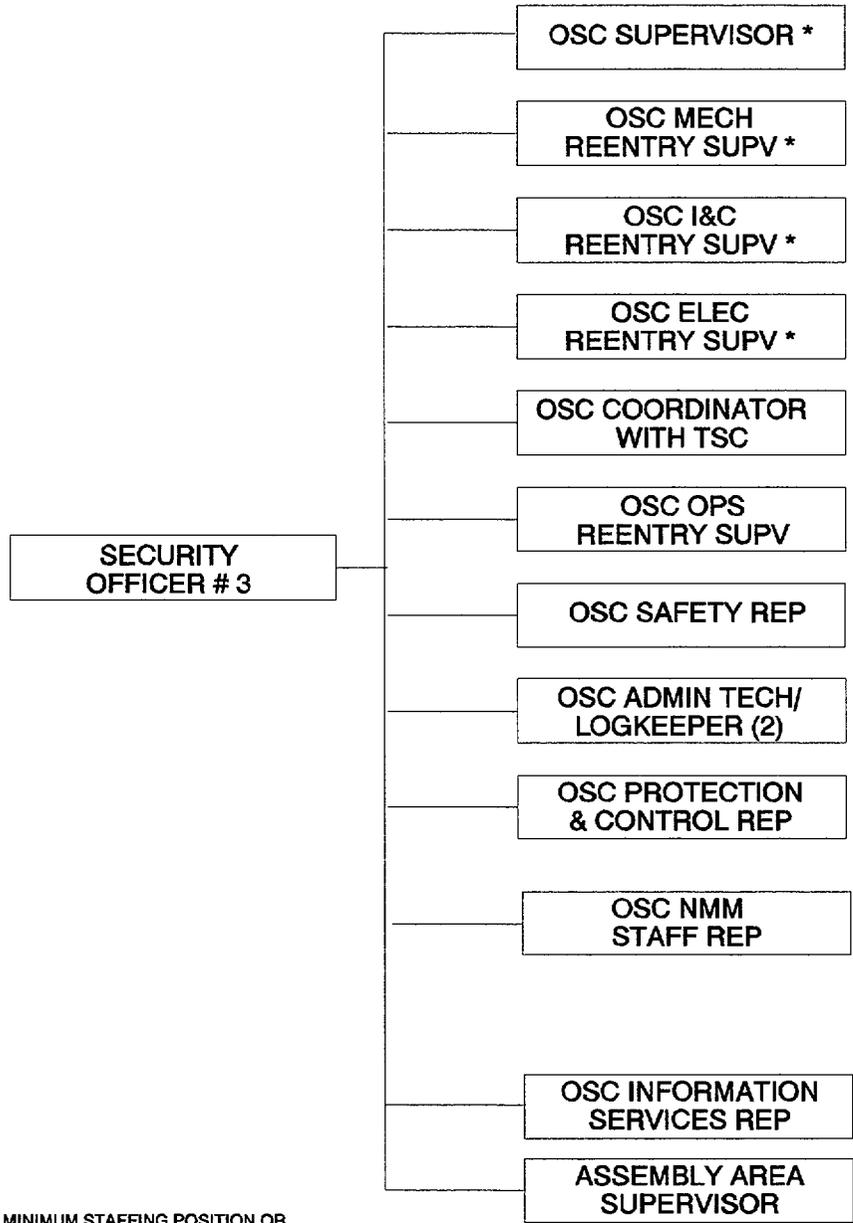


* MINIMUM STAFFING POSITION OR FIRST LINE ALTERNATE TO MINIMUM STAFFING POSITION

(EPIP03C.WPG)

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 4 of 11)**

SECURITY OFFICER #3



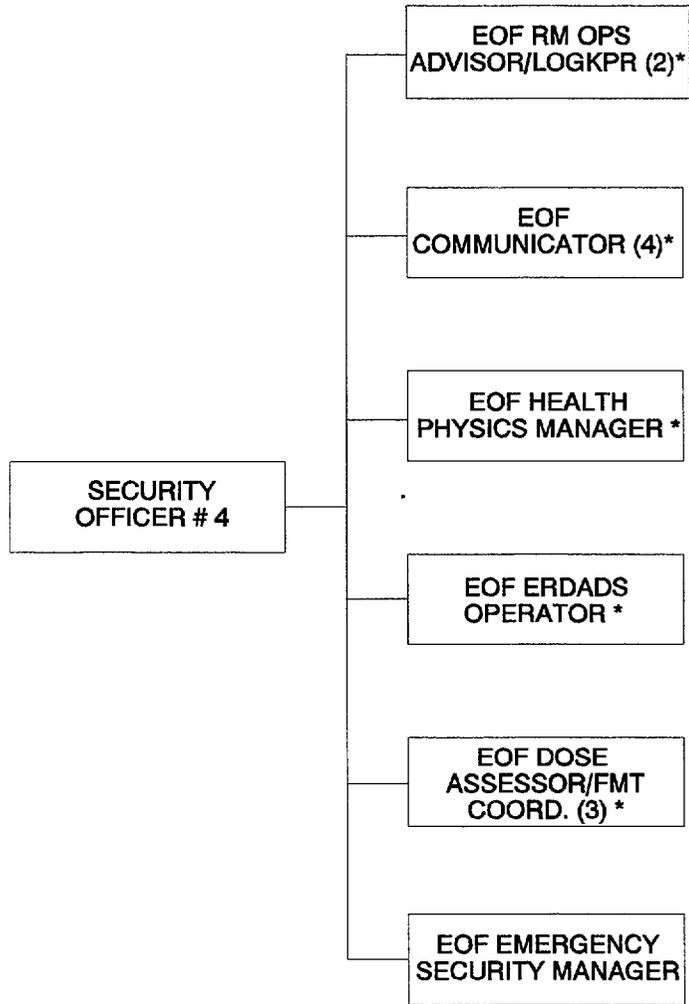
* MINIMUM STAFFING POSITION OR FIRST LINE ALTERNATE TO MINIMUM STAFFING POSITION

(EPIP03D.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 18 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 5 of 11)**

SECURITY OFFICER #4

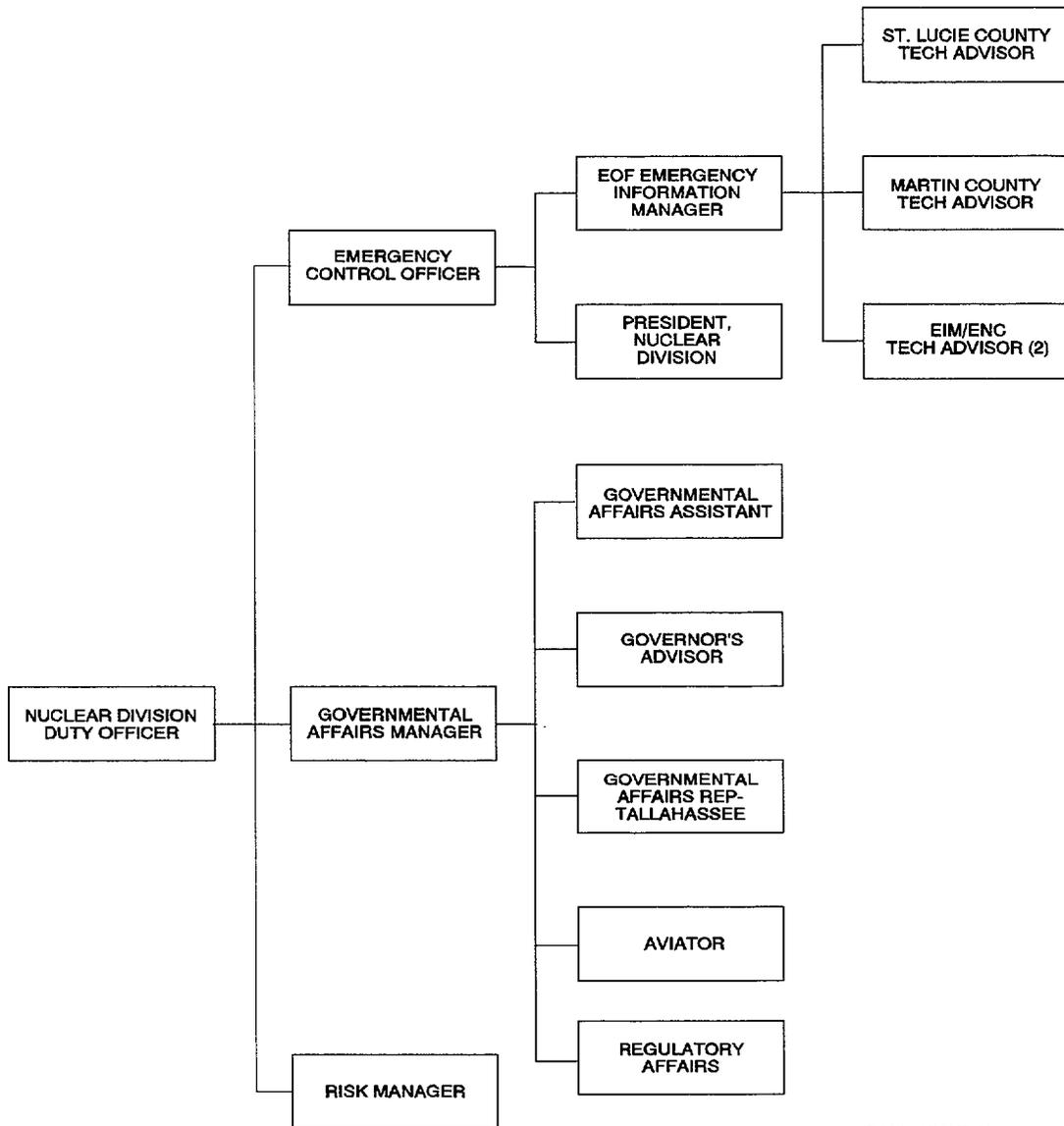


* MINIMUM STAFFING POSITION OR FIRST LINE ALTERNATE TO MINIMUM STAFFING POSITION

(EPIP03E.WPG)

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 6 of 11)**

NUCLEAR DIVISION DUTY OFFICER

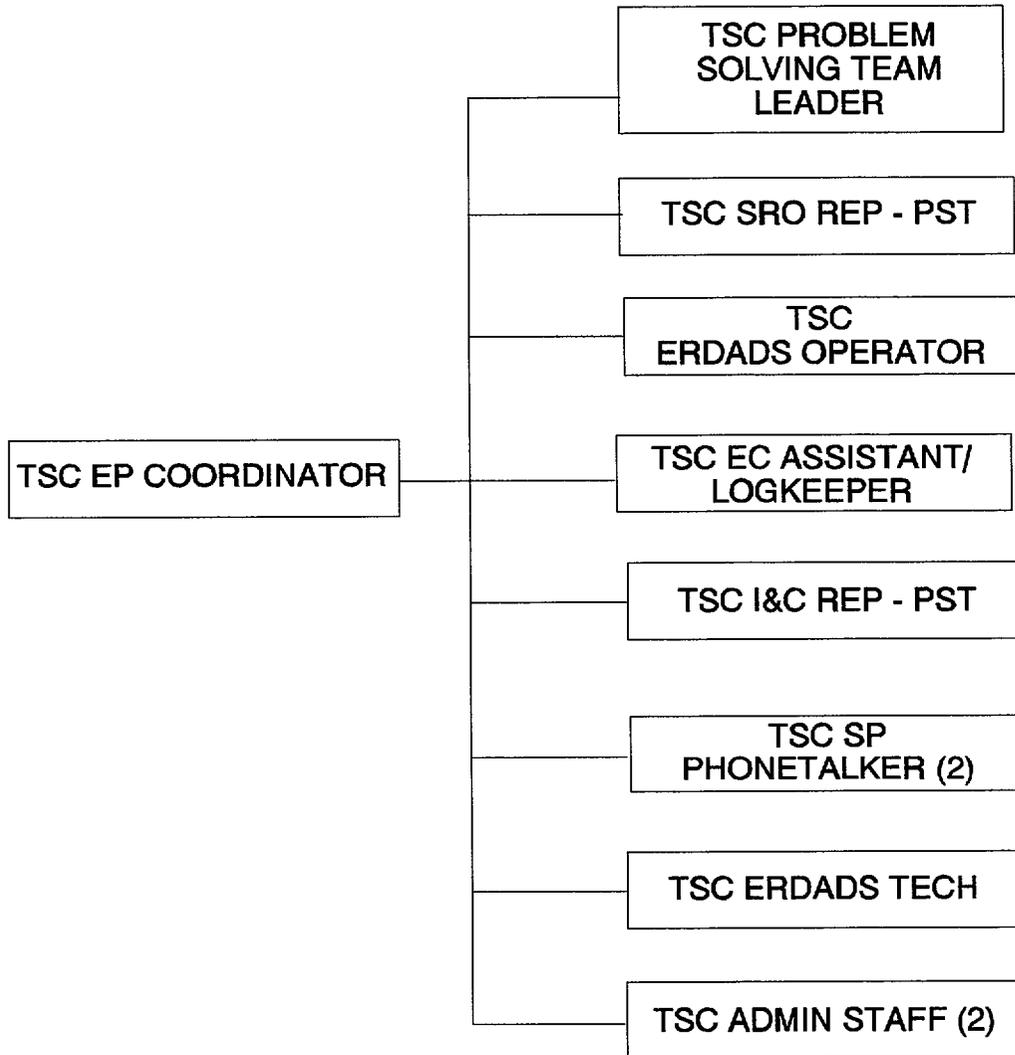


(EPIP03F.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 20 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 7 of 11)**

TSC EP COORDINATOR

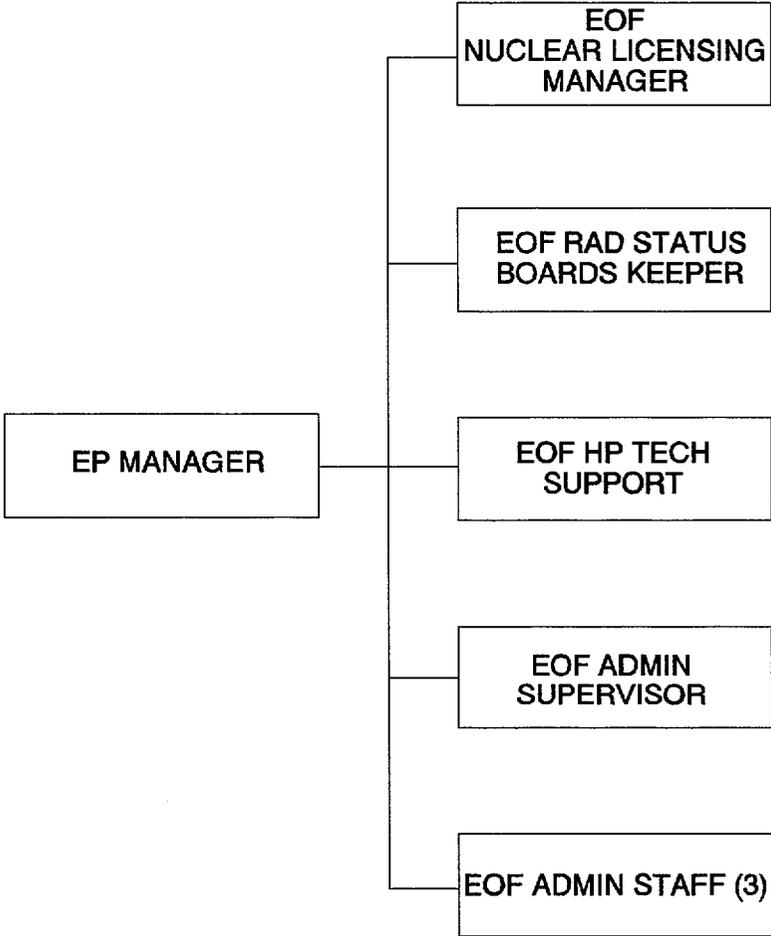


(EPIP03G.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 21 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 8 of 11)**

EP MANAGER

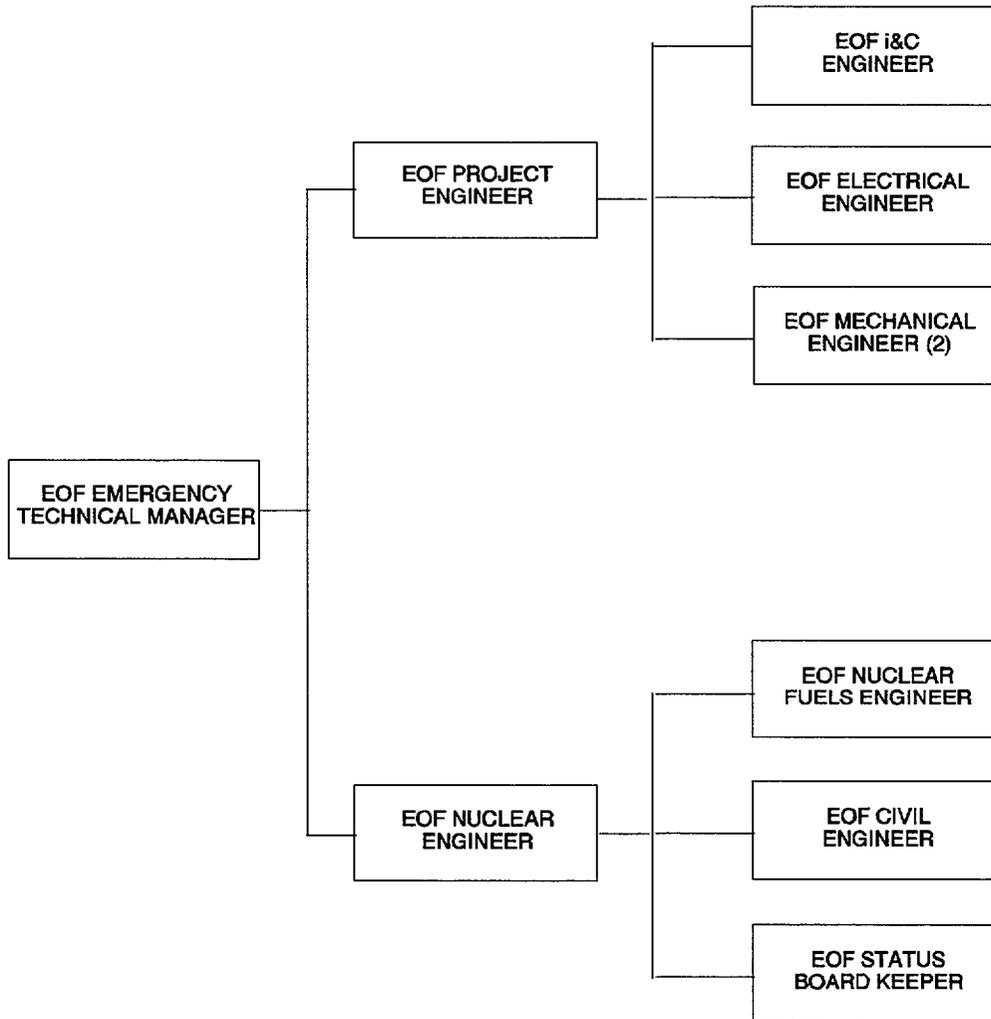


(EPIP03H.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 22 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE**
(Page 9 of 11)

EOF EMERGENCY TECHNICAL MANAGER



(EPIP03i.WPG)

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 23 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE**
(Page 10 of 11)

Emergency Response Organization Positions List

Position	Title	Position	Title
100	Duty Call Supervisor	161	OSC Electrician (3)
101	Emergency Coordinator	162	OSC Mechanic (3)
102	TSC Supervisor	163	OSC I&C Specialist (3)
103	TSC HP Supervisor	166	OSC Dosimetry Technician
104	TSC Chemistry Supervisor		
105	TSC Reactor Engineer	168	OSC Mechanical Foreman
106	TSC Communicator (3)	169	OSC NMM Staff Rep
107	TSC Elec Rep - Problem Solving Tm	170	OSC Safety Rep
108	TSC Mech Rep - Problem Solving Tm (3)	171	OSC Admin Tech/Logkeeper (2)
109*	HP Shift Supervisor/On Shift Tech	172	Assembly Area Supervisor
110	TSC Ops Coordinator (2)	173	OSC Ops Reentry Supervisor
111	TSC Dose Assessor	174	OSC Protection and Control Rep
112	TSC HP Communicator (2)	175	OSC I&C Shop Supervisor
113	TSC SP Phonetalker (2)	176	Field Monitoring Team Driver (3)
114	TSC ERDADS Operator	177	OSC Information Services Rep
115	TSC Problem Solving Team Leader	180*	Security Shift Specialist
116	TSC ERDADS Tech	181*	Security Officer (4)
117	TSC I&C Rep - Problem Solving Tm	200	Recovery Manager
118	TSC SRO Rep - Problem Solving Tm	204	Risk Manager
119	TSC Security Supervisor	205	Governmental Affairs Manager
120	TSC Coordinator with OSC	209	EOF RM Ops Advisor/Logkeeper (2)
121	TSC Administrative Staff (2)	213	EOF ERDADS Operator
122	TSC EP Coordinator	216	EOF Status Board Keeper
124	TSC EC Assistant/Logkeeper	230	EOF Emergency Technical Manager
151	OSC HP Tech (ALL)	231	EOF Project Engineer
152	OSC Electrical Reentry Supervisor	232	EOF Mechanical Engineer (2)
153	OSC I&C Reentry Supervisor	233	EOF Nuclear Engineer
154	OSC Mechanical Reentry Supervisor	235	EOF Nuclear Fuels Engineer
155	OSC Chemistry Supervisor	236	EOF Civil Engineer
156	OSC Electrical Chief	237	EOF I&C Engineer
157	OSC Supervisor	238	EOF Electrical Engineer
158	OSC Coordinator with TSC	240	EOF Health Physics Manager
159	OSC HP Supervisor	245	EOF Dose Assessor/FMT Coord. (3)
160	OSC Chemist (3)	246	EOF HP Tech Support

/R8

* Not ERO positions, but are needed to ensure automated call-out logic will function properly.

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 24 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY STAFFING CALL TREE
(Page 11 of 11)**

Emergency Response Organization Positions List

Position	Title	Position	Title
247	EOF Rad Status Boards Keeper	279	Regulatory Affairs
250	EOF Nuclear Licensing Manager	280	EOF Administrative Supervisor
255	EOF Communicator (4)	281	EOF Administrative Staff (3)
260	EOF Emergency Security Manager	290	EP Manager
270	EOF Emergency Information Manager	291	Governor's Advisor
271	Nuclear Division Duty Officer	294	St. Lucie County Technical Advisor
273	EIM/ENC Technical Advisor (2)	295	Martin County Technical Advisor
275	Governmental Affairs Assistant	300	Emergency Control Officer
276	Gov Affairs Rep (Tallahassee)	301	President, Nuclear Division
278	Aviator		

END OF ATTACHMENT 1

REVISION NO.: 8	PROCEDURE TITLE: EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	PAGE: 25 of 26
PROCEDURE NO.: EPIP-03	ST. LUCIE PLANT	

ATTACHMENT 2
FPL EMERGENCY RECALL SYSTEM (ERS) ACTIVATION CHECKLIST
 (Page 1 of 2)

Name: _____ Unit: _____

Date: ___/___/___ Time: _____

1. Prior to making the call, determine the appropriate scenario to activate. Use scenario **30** during normal working hours, or use scenario **50** for an off-hours activation. You will be requested to enter the two digit scenario number during the call.

Scenario to be used: _____

NOTE

When you call, enter the password (refer to the DCS Notebook) as soon as the system answers and begins talking. If you wait until the message is complete, you will not be able to connect to the system.

2. Call the Emergency Recall System at **8-694-4200** or **8-1-561-694-4200**.
3. Enter the password as soon as the system answers.

Unit 1 - Refer to **DCS Notebook**

Unit 2 - Refer to **DCS Notebook**

WHEN THE SYSTEM STATES . . .	YOU SHOULD ENTER . . . Circle One
"Enter the scenario number you want to work with"	30 - normal working hours 50 - off-hours
"That scenario is completed. Do you want to que it? Please press 9 for yes or 6 for no."	9 - to confirm the scenario 6 - to cancel
"Enter scenario status. Press 1 for emergency, 2 for response drill, or 3 for telephone test."	1 - for an emergency activation 2 - to run a response drill, having personnel respond to the facilities 3 - for a telephone test only, with no response to the facilities

REVISION NO.:	PROCEDURE TITLE:	PAGE:
8	EMERGENCY RESPONSE ORGANIZATION NOTIFICATION/STAFF AUGMENTATION	26 of 26
PROCEDURE NO.:	ST. LUCIE PLANT	
EPIP-03		

ATTACHMENT 2
FPL EMERGENCY RECALL SYSTEM (ERS) ACTIVATION CHECKLIST
(Page 2 of 2)

WHEN THE SYSTEM STATES (cont.)	YOU SHOULD ENTER (cont.) Circle One
"To record a custom message, enter star, star (**), then record. To end recording, hit star again. If you have no information available or do not wish to record a message, enter zero, zero followed by the pound (#) symbol."	** - This is an optional message. If you choose to use it, you should make a single statement regarding the status of the emergency. Example: "Alert based on greater than 50 gallon per minute Reactor Coolant System leak." If a significant radiological release could affect site access, a message should be recorded similar to: "Enter the plant from the (north/south)." 00# - no message
"You have entered the following emergency message . . . _____, which states _____. . . Is that correct? Press 9 for yes or 6 for no."	9 - to confirm 6 - to cancel
"Enter a 911 event code if it's an actual emergency, an 811 event code for a response drill, or a 711 event code for a telephone."	911 - actual emergency activation 811 - for a response drill 711 - for a telephone test
"You entered _____. Is that correct? Press 9 for yes or 6 for no."	9 - to confirm 6 - to cancel
"At the end of this step you have chosen to start scenario _____ as a _____. Are you certain this is what you want to do? Please press 9 for yes, 6 for no."	9 - to activate the autodialer 6 - to cancel and hang up

4. Initiate the manual call-out process in accordance with EPIP-03, Emergency Response Organization Notification/Staff Augmentation.
5. To verify that the system has activated, use one of the following:
 - report received on the telecopy machine in either Control Room, or
 - report of appropriate pager activation from any Emergency Response Organization member.
6. If verification is not received within **10** minutes, Then continue the manual call-out in accordance with EPIP-03.

END OF ATTACHMENT 2



ST. LUCIE PLANT EMERGENCY PLAN IMPLEMENTING PROCEDURE

SAFETY RELATED

Procedure No.
EPIP-05

Current Rev. No.
5

Effective Date:
08/10/00

Title:

ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER

Responsible Department: **EMERGENCY PLANNING**

Revision Summary

Revision 5 - Eliminated OSC paramedic position, revised re-entry guidelines and made editorial and administrative changes. (G. Varnes, 08/08/00)

Revision 4 - Clarified role of OPS Re-entry Supervisor per PM 99-04-122. Added guidelines for OSC command and control assistance per PM 99-04-143. Provided instructions for emergency access to restricted areas per PM 99-09-079. Revised the minimum staff position in Chemistry to the OSC Chemistry. Clarified facility sign-in and accountability instructions. Reinforced instructions for development of a contingency team. Made editorial changes. (Rick Walker, 10/05/99)

Revision 3 - Added OSC information services rep position and responsibilities to procedure and added editorial changes. (J. R. Walker, 3/2/99)

Revision	FRG Review Date	Approved By	Approval Date	
0	12/15/97	J. Scarola Plant General Manager	12/15/97	S__OPS DATE _____ DOCT PROCEDURE DOCN EPIP-05 SYS _____ COMP COMPLETED ITM 5
5	08/08/00	R. G. West Plant General Manager	08/08/00	
		N/A Designated Approver		PSL <div style="display: flex; align-items: center; justify-content: center;"> CONTROL <div style="border: 2px solid black; padding: 10px; font-size: 2em; font-weight: bold; margin: 0 10px;">818</div> COPY </div>
		N/A Designated Approver (Minor Correction)		

PROCEDURE PRODUCTION

REVISION NO.:	PROCEDURE TITLE:	PAGE:
5	ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	2 of 55
PROCEDURE NO.:	ST. LUCIE PLANT	
EPIP-05		

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 PURPOSE	4
2.0 REFERENCES/RECORDS REQUIRED/ COMMITMENT DOCUMENTS	6
3.0 RESPONSIBILITIES	7
3.1 OSC Supervisor	7
3.2 OSC Coordinator with TSC	8
3.3 OSC Re-entry Supervisor	8
3.4 OSC Departmental Representative	9
4.0 DEFINITIONS	9
5.0 INSTRUCTIONS	11
 <u>ATTACHMENTS</u>	
ATTACHMENT 1 OSC Emergency Response Organization and Shift Staffing	13
ATTACHMENT 2 OSC Supervisor Checklist	14
ATTACHMENT 2A OSC ERO Shift Staffing and Accountability Roster	19
ATTACHMENT 2B OSC Minimum Staffing	23
ATTACHMENT 2C Re-entry Guidelines	24
ATTACHMENT 2D Briefing Guidelines	27
ATTACHMENT 2E Guidelines for Relocation of the OSC	28
ATTACHMENT 2F OSC Facility Briefings	30
ATTACHMENT 3 OSC Coordinator with TSC Checklist	31
ATTACHMENT 3A Re-entry Log	33

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 3 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

**TABLE OF CONTENTS
(continued)**

<u>SECTION</u>	<u>PAGE</u>
ATTACHMENT 4 OSC Administrative Tech/Logkeeper Checklist	34
ATTACHMENT 4A Logkeeping and Status Boards	36
ATTACHMENT 5 OSC Re-entry Supervisor Checklist	37
ATTACHMENT 5A Re-entry Team Form	41
ATTACHMENT 5B Re-entry Team Guidelines	43
ATTACHMENT 6 OSC Re-entry Foreman Checklist	44
ATTACHMENT 7 OSC Departmental Reps Checklist	46
ATTACHMENT 7A Room 2200 Guidelines	49
ATTACHMENT 7B Room 2200 Set Up	52
ATTACHMENT 8 OSC Security Checklist	53

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 4 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

1.0 PURPOSE

1.1 Discussion

This procedure provides instructions for activation and operation of the Operational Support Center. This procedure also provides instructions for the selection and deployment of Re-entry Teams.

1.2 Location and Description

The OSC is located on the second floor of the South Service Building in conference room 2200 and adjoining room 2300. Ample space is available for the assembly of auxiliary operators, Health Physics technicians, Maintenance personnel, and other personnel needed for emergency response. Due to potential habitability concerns, alternate locations capable of supporting OSC operations have been identified as follows:

- 1. North Service Building, conference area or maintenance shops**
- 2. Blowdown Building**
- 3. Unaffected Reactor Auxiliary Building (RAB)**

1.3 OSC Functions

1. Mandatory Functions

- A. Provide a resource pool of personnel to assist the Control Room and TSC in accident assessment and mitigation.**
- B. Respond to requests for Re-entry Teams.**
- C. Maintain radiological exposure controls in accordance with the HP-200 series procedures.**

2. Additional Functions

- A. Provide the interface with the Off-site Assembly Area.**
- B. Serve as access control point following site evacuation.**

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 5 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

1.0 PURPOSE (continued)

1.4 Minimum Staffing

1. The following is the list of the minimum positions needed for OSC operation:

- OSC Supervisor
- OSC Chemist
- OSC HP Technician (12)
- OSC Electrician (2)
- OSC Mechanic (2)
- OSC I&C Specialist

§₂ **1.5 Activation**

Activation of the OSC is the responsibility of the Emergency Coordinator (EC) and is required for an Alert or higher declared emergency. Arrangements have been made to staff the OSC in a timely manner.

1.6 Operations

The OSC has sufficient space available and radiation protection equipment and other supplies to support emergency response personnel conducting re-entry activities. The OSC has the capability to provide 24 hour continuous operation, as necessary.

Initial work activities directed by the OSC, at the Alert Level, are considered pre-re-entry and certain aspects of this procedure may be relaxed (e.g., HP coverage). Following a site evacuation order (evacuation of the Owner Controlled Area) or if radiological conditions exist outside the Radiation Controlled Area, all provisions of this procedure are required for re-entry into affected areas.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 6 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

NOTE

One or more of the following symbols may be used in this procedure:

§ Indicates a Regulatory commitment made by Technical Specifications, Condition of License, Audit, LER, Bulletin, etc., and shall NOT be revised without Facility Review Group review and Plant General Manager approval.

¶ Indicates a management directive, vendor recommendation, plant practice or other non-regulatory commitment that should NOT be revised without consultation with the plant staff.

2.1 REFERENCES

- §₁
1. St. Lucie Plant Technical Specifications Unit 1 and Unit 2 (Section 6.10.1)
 2. St. Lucie Plant Updated Final Safety Analysis Report (UFSAR) Unit 1 and Unit 2
- §₂
3. St. Lucie Plant Radiological Emergency Plan (E-Plan)
- §₃
4. St. Lucie Plant Topical Quality Assurance Report (TQAR)
 5. E-Plan Implementing Procedures (EPIP 00-13)
 6. HP-200 Series Procedures
 7. ADM-17.09, Invoking 10 CFR 50.54(x)
 8. St. Lucie Plant Emergency Response Directory (ERD)
 9. QI-17-PSL-1, Quality Assurance Records
 10. Fitness for Duty Rule, 10 CFR 26

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 7 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS
(continued)

2.2 RECORDS REQUIRED

1. The following shall be retained following a plant emergency:
 - Checklists and paperwork generated per this procedure.
 - Logbooks maintained during the plant emergency.

- §₁ 2. Recorded information shall be forwarded to Emergency Planning following the event, for review and archival in accordance with Technical Specification 6.10.1 and QI-17-PSL-1.

2.3 COMMITMENT DOCUMENTS

- ¶₁ 1. PMAI PM97-04-142, Training Drill Critique 1/24/97 (Definition of contingency team and full staffing guidance).
- ¶₂ 2. PMAI PM98-04-144, Evaluated Exercise Critique 3/18/98 (Establish threshold dose rate for OSC relocation).
- ¶₃ 3. PMAI PM98-09-006 (Control of NLOs Under E-Plan)
- ¶₄ 4. PMAI PM99-04-122 (Ops Re-entry Supervisor Role)
- ¶₅ 5. PMAI PM99-04-143 (OSC Command and Control Assistance)
- ¶₆ 6. PMAI PM99-09-079 (Hot Tool Room Access During an Emergency)

3.0 RESPONSIBILITIES

3.1 OSC Supervisor

1. Provides command and control of OSC activities.
2. Coordinates activities to ensure adequate support to the TSC/EC.
3. Ensures that all Re-entry Teams are adequately briefed prior to leaving the OSC and thoroughly debriefed upon their return.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 8 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.1 OSC Supervisor (continued)

4. Ensures communications flow is maintained within the facility, with the Re-entry Teams, and with the TSC.
5. Coordinates facility briefings.
6. Arranges for long term operation of the OSC.

3.2 OSC Coordinator with TSC

1. Serves as the coordinator with the TSC for Re-entry Team requests.
2. Logs and tracks re-entry activities.
3. Keeps the OSC Supervisor abreast of the emergency conditions and plant status.

3.3 OSC Re-entry Supervisor

NOTE

1. Each of the following areas has a Re-entry Supervisor:
(1) Mechanical Maintenance, (2) Electrical Maintenance, (3) I&C Maintenance, (4) Operations, (5) Chemistry, and (6) Health Physics.
2. Responsibilities for the Health Physics Re-entry Supervisor (HPOSC) are provided in HP-200, Health Physics Emergency Organization.

1. Ensures departmental Emergency Response Organization (ERO) personnel are available for re-entry activities.
2. Assists the OSC Supervisor in selection of Re-entry Team members.
3. Provides task specific briefings to their departmental re-entry personnel.
4. Conducts Re-entry Team debriefings.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 9 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.4 OSC Departmental Representative

NOTE

The following departments have representatives in the OSC:
(1) Nuclear Materials Management (NMM), (2) Safety, (3) Protection and Control, (4) Security and (5) Information Services.

/R5

1. Provides input to the OSC Supervisor, as requested in support of re-entry operations.
2. Participates in re-entries, as needed.

4.0 DEFINITIONS

4.1 Facility Status

1. **Activation** - the request to staff and establish an Emergency Response Facility (ERF).
 2. **Operational** - when sufficient personnel (i.e., minimum staff) are available to accomplish the mandatory function of conduct of re-entry activities.
 3. **Fully Staffed** - the complement of personnel is present in the facility.
- 4.2 **FPL Emergency Recall System (ERS)** - the call-out system used as a means of off-hours call-out, as described in EPIP-03, Emergency Response Organization/Staff Augmentation.
- 4.3 **Re-entry** - access to areas where evacuation (local or site) has been ordered constitutes a re-entry. Re-entry into an evacuated area is authorized only by the EC.
- 4.4 **Re-entry Team** - a group of qualified personnel who will enter an evacuated area under the authorization of the EC to accomplish an assigned task (e.g., repair damage control, rescue, etc.). A Re-entry Team shall consist of at least two qualified persons, one of whom shall be knowledgeable in Health Physics procedures.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER ST. LUCIE PLANT	PAGE: 10 of 55
PROCEDURE NO.: EPIP-05		

4.0 DEFINITIONS (continued)

4.5 Videolink - a closed circuit audio/visual communications link originating in the TSC with feeds to the OSC and the EOF allowing the EC briefings to be available in all the Emergency Response Facilities (ERFs).

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 11 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

5.0 INSTRUCTIONS

NOTE

- This section provides general information and instructions for all OSC responders.
- Position specific checklists are included as attachments to this procedure.
- Individuals specifically designated as members of the OSC Emergency Response Organization (ERO) are identified in the ERD.

5.1 When notified, OSC emergency responders are to report to the facility as quickly as possible.

5.2 Upon arrival at the facility, each OSC responder should perform the following:

1. Sign-in instructions:

- A.** Persons working in room 2300 (supervisors' area) of the OSC should sign in on the status board on the south wall in the space corresponding to their position.
- B.** All OSC Re-entry Supervisors should ensure that the names of their department's Re-entry Team members and foreman are signed in on the status board in Room 2300.
- C.** The OSC Administrative Tech/Logkeeper should ensure that all personnel in both Rooms 2200 and 2300 are signed in on the status board and that this information concurs with Attachment 2A, OSC ERO Shift Staffing and Accountability Roster.

2. Obtain a "Player" badge and place your name (and position title, if necessary) on the badge with a dry erase marker or in any other non-permanent manner.

3. Obtain specific position notebook (if applicable) with procedural checklists, forms and instructions.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 12 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.2 (continued)

4. Make your workstation/location operational, as necessary.
5. Notify your supervisor or the OSC Supervisor of your readiness status.
6. Assist in establishing accountability by signing in on a form similar to Attachment 2A, OSC ERO Shift Staffing and Accountability Roster.

§₃ **5.3** Only controlled copies of nuclear safety-related procedures, drawings, and other available plant information shall be used. Non-controlled documents or drawings should be verified with a controlled copy prior to use in the OSC.

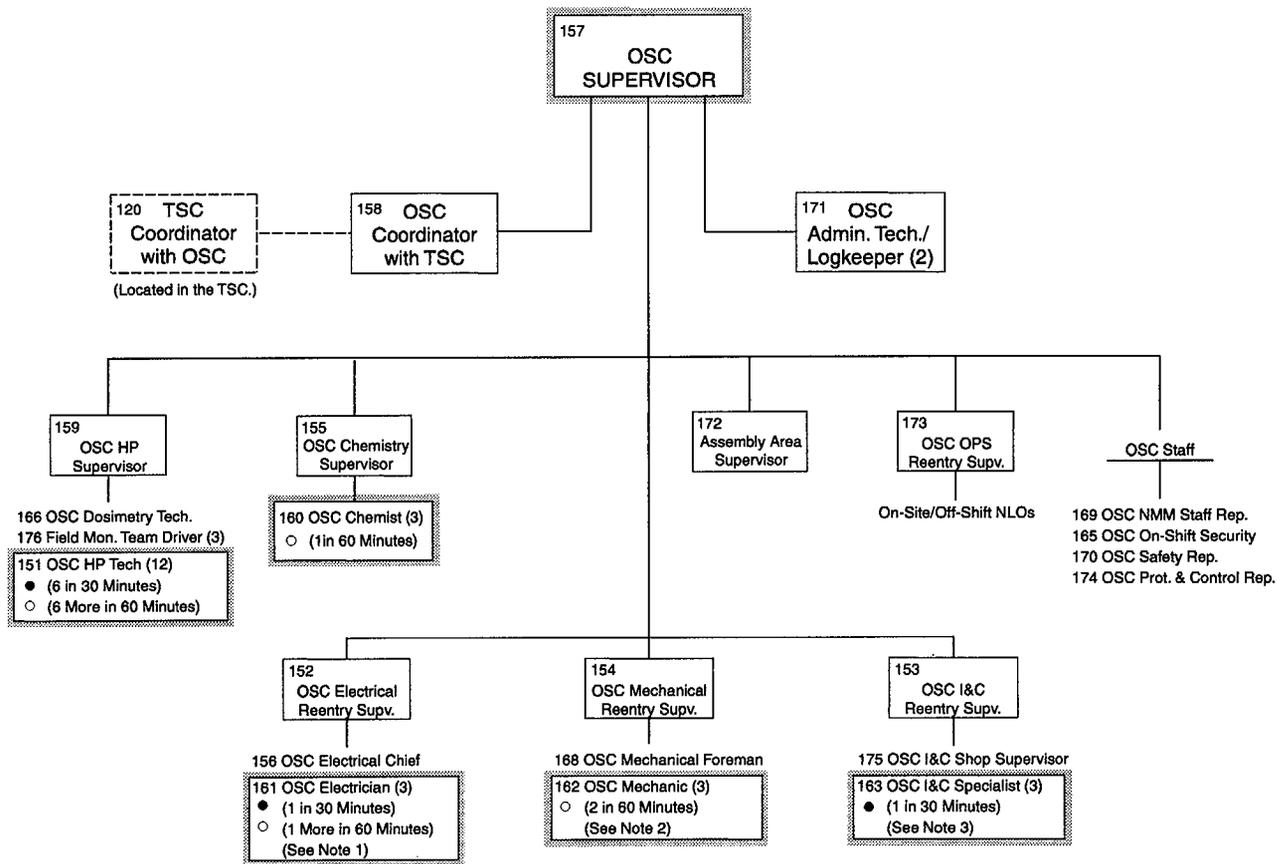
5.4 During facility briefings, stop what you're doing, pay attention, and contribute as requested.

5.5 Upon termination of the event:

1. All OSC personnel should return their workstations/locations to a normal state and assist in restoring the facility to a ready condition.
2. All OSC personnel should collect all significant information and documentation, such as notes and completed data sheets (not bound in position notebooks) and forward this material to the OSC Supervisor.

/R5

OSC EMERGENCY RESPONSE ORGANIZATION AND SHIFT STAFFING
ATTACHMENT 1
(Page 1 of 1)



(P/PS/EPIP-05 Att. 1-R1)

Autodialer position numbers are listed with position titles.

- 30 minute response goal, per NUREG 0654, Table B-1
- 60 minute response goal, per NUREG 0654, Table B-1

Note 1- Minimum staffing requirements may be filled by Electrical Reentry Supervisor, Chief or Electrician.

Note 2- Minimum Staffing requirements may be filled by Mechanical Reentry Supervisor, Foreman or Mechanic.

Note 3- Minimum Staffing requirements may be filled by I&C Reentry Supervisor, Shop Supervisor or I&C Specialist.

Indicates minimum staffing positions that must be filled in order to declare the facility operational.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 14 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2
OSC SUPERVISOR CHECKLIST
(Page 1 of 5)

NOTE
When necessary or appropriate, steps of this checklist may be performed out of sequence.

- | A. <u>FACILITY ACTIVATION</u> | <u>INITIAL</u> |
|---|-----------------------|
| 1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. | _____ |
| 2. Determine operational readiness of the OSC by verifying the following: | |
| a. Communications established with the TSC. | _____ |
| b. Minimum staff available (use Attachment 2A, OSC ERO Shift Staffing and Accountability Roster or refer to the sign in board). | _____ |
| c. Communications equipment and other supplies are available and ready for use. | _____ |
| d. Ensure Room 2200 set up is underway. If the OSC Safety Rep is not available, then reassign the responsibility. | _____ |
| e. Minimum staff prepared to accomplish mandatory facility functions. | _____ |
| 3. <u>If</u> Step 2 above is satisfied, <u>Then</u> declare the facility operational at _____. | _____ |
| 4. Notified the EC/TSC Supervisor that the OSC is operational. | _____ |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 15 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2
OSC SUPERVISOR CHECKLIST
(Page 2 of 5)

B. FACILITY OPERATION

INITIAL

NOTE
¶₁ Unless authorized by the EC, facility staffing should be in accordance with Attachment 2A, OSC ERO Shift Staffing and Accountability Roster.

- | | | |
|----------------|---|-------|
| | 1. OSC fully staffed. | _____ |
| | 2. Instruct personnel to verify their position notebook procedures against the posted revision number. | _____ |
| ¶ ₁ | 3. Direct the HPOSC to identify and prepare a representative from HP and each maintenance discipline for a rapid response contingency team. | _____ |
| | 4. Instruct the OSC Administrative Tech/Logkeeper to initiate the OSC Logbook. | _____ |
| | 5. Establish what team(s) or individual(s) is known to be working in the plant, the task/job, and the communications method/controlling facility. | _____ |
| ¶ ₆ | 6. Identify the necessity and means for providing access to all tool rooms (including the Hot Tool Room) and any other area with restricted access. | _____ |
| | 7. Obtain food and water supply for the OSC. | _____ |
| | 8. Arrange for long term staffing (use Attachment 2A, OSC ERO Shift Staffing and Accountability Roster). | _____ |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 16 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2
OSC SUPERVISOR CHECKLIST
(Page 3 of 5)

B. (continued)

INITIAL

1/2

CAUTION

The OSC affords limited protection against a release of radioactive material. During the time that a radioactive release is occurring, the habitability of the OSC is to be monitored. A measured dose rate of 50 mrem/hr, in the facility, is established as the threshold for relocation of the OSC.

9. If necessary, initiate steps for relocation of the OSC (use Attachment 2E, Guidelines for Relocation of the OSC). _____
10. Steps to occur continually while the facility is in operation:
 - a. Oversee communications
 - b. Maintain low noise level in the facility
 - c. Conduct facility briefings (use Attachment 2F, OSC Facility Briefings).
 - d. Ensure emergency status and plant conditions are routinely updated. (The videolink may be used for this purpose.)
 - e. Re-entry Checklist - When requested by the OSC Coordinator with the TSC, complete the following in response to a request for a Re-entry Team:
 1. Review Attachment 2C, Re-entry Guidelines, to this attachment as necessary.
 2. Complete the Re-entry Team Assignment section of Attachment 3A, Re-entry Log (letters G - I prior to team dispatch).
 3. Select the most appropriate Re-entry Supervisor based on the nature of the task.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 17 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2
OSC SUPERVISOR CHECKLIST
(Page 4 of 5)

B. (continued)

10. (continued)

e. (continued)

- 4.** Assign completion of Parts I, II and III of Attachment 5A, Re-entry Team Form, to the chosen Re-entry Supervisor.
- 5.** Direct the HPOSC to assist in team development by satisfying the requirements of HP 203.1, Evacuated Area Re-entry Authorization, in HP-203, Personnel Access Control During Emergencies.
- 6.** Review Attachment 2D, Briefing Guidelines, to this procedure, as necessary.
- 7.** When requested by the assigned Re-entry Supervisor, complete Part IV of Attachment 5A, Re-entry Team Form.
- 8.** Record Time out in the Re-entry Team Assignment section of Attachment 3A, Re-entry Log (letter J).
- 9.** Instruct the OSC Coordinator with the TSC to provide the information in the Re-entry Team Assignment section of Attachment 3A, Re-entry Log (letters G - J) to the TSC.
- 10.** When the team returns to the OSC, complete Part VI of Attachment 5A, Re-entry Team Form.
- 11.** Record Time in and any comments in the Re-entry Team Assignment sections of Attachment 3A, Re-entry Log (letters K and L).
- 12.** Instruct the OSC Coordinator with the TSC to provide the information in the Re-entry Team Assignment, section of Attachment 3A, Re-entry Log (letters K and L) to the TSC to close out the Re-entry Team.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 18 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2
OSC SUPERVISOR CHECKLIST
(Page 5 of 5)

C. FACILITY CLOSEOUT AND RESTORATION INITIAL

NOTE
All paperwork completed in the position notebook should remain in the position notebook.

- | | |
|--|-----------|
| 1. All Re-entry Teams are logged back in and accounted for. | _____ |
| 2. All facility activities closed out. | _____ |
| 3. All equipment and supplies returned to preactivation condition and/or location. | _____ |
| 4. All paperwork collected. | _____ |
| 5. Closed out the OSC Logbook. | _____ |
| 6. Returned position notebook to storage shelf. | _____ |
| 7. Provided all completed paperwork (not bound in position notebooks) to Emergency Planning. | _____ /R5 |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 19 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2A
OSC ERO SHIFT STAFFING AND ACCOUNTABILITY ROSTER
 (Page 1 of 4)

Shift¹ _____, Hours: _____ To _____

<u>POSITION</u> {Minimum staff in bold ² }	<u>NAME</u>	<u>BADGE NO.</u>
OSC HP Supervisor:	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC HP Tech ³ :	_____	_____
OSC Dosimetry Tech:	_____	_____
Field Mon Team Driver:	_____	_____
Field Mon Team Driver:	_____	_____
Field Mon Team Driver:	_____	_____

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 20 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2A
OSC ERO SHIFT STAFFING AND ACCOUNTABILITY ROSTER
(Page 2 of 4)

<u>POSITION</u>	<u>NAME</u>	<u>BADGE NO.</u>
OSC I&C Re-entry Supv:	_____	_____
OSC I&C Shop Supervisor:	_____	_____
OSC I&C Specialist:	_____	_____
OSC I&C Specialist:	_____	_____
OSC I&C Specialist:	_____	_____
OSC Mech Re-entry Supv:	_____	_____
OSC Mechanical Foreman:	_____	_____
OSC Mechanic:	_____	_____
OSC Mechanic:	_____	_____
OSC Mechanic:	_____	_____
OSC Elec Re-entry Supv:	_____	_____
OSC Electrical Chief:	_____	_____
OSC Electrician:	_____	_____
OSC Electrician:	_____	_____
OSC Electrician:	_____	_____

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 21 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2A
OSC ERO SHIFT STAFFING AND ACCOUNTABILITY ROSTER
 (Page 3 of 4)

<u>POSITION</u>	<u>NAME</u>	<u>BADGE NO.</u>
OSC Supervisor:	_____	_____
OSC Coordinator with TSC:	_____	_____
OSC Chemistry Supv.:	_____	_____
OSC Chemist:	_____	_____
OSC Chemist:	_____	_____
OSC Chemist:	_____	_____
OSC On-Shift Security:	_____	_____
OSC On-Shift Security:	_____	_____
OSC On-Shift Security:	_____	_____
OSC OPS Re-entry Supv:	_____	_____
OSC Prot and Control Rep:	_____	_____
OSC NMM Staff Rep:	_____	_____
OSC Safety Rep:	_____	_____
OSC Information Services Rep:	_____	_____
OSC Admin Tech/Logkeeper:	_____	_____
OSC Admin Tech/Logkeeper:	_____	_____
Assembly Area Supervisor:	_____	_____

/R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 22 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2A
OSC ERO SHIFT STAFFING AND ACCOUNTABILITY ROSTER
 (Page 4 of 4)

<u>POSITION</u>	<u>NAME</u>	<u>BADGE NO.</u>
Other: _____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

¹Long term staffing, refer to the St. Lucie Plant Emergency Response Directory (ERD) for position alternates.

²Refer to Attachment 2B for temporary alternates for minimum staff positions.

³Position fills the following positions:

- a. TSC HP Surveys
 - 1. Unit 1 Control Room/TSC
 - 2. Unit 2 Control Room
 - 3. OSC
 - 4. Access Control

- b. HP Field Teams
 - 1. Red Team
 - 2. Orange Team
 - 3. Blue Team

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 23 of 55
PROCEDURE NO.: EPIP-05		

ST. LUCIE PLANT

ATTACHMENT 2B
OSC MINIMUM STAFFING
(Page 1 of 1)

Major Functional Area ¹	Position Title and ID No. ²	# in Position	Qualifications/ Temporary Alternate
Health Physics Technician	OSC HP Tech, 151	12	Member of the Health Physics Department
Rad/Chem Technician	OSC Chemist, 160	1	Member of the Chemistry Department
Electrical Maintenance	OSC Electrician, 161	2	Electrical Maintenance Journeyman or Chief or Supervisor
Mechanical Maintenance/Radwaste Operator	OSC Mechanic, 162	2	Mechanical Maintenance Journeyman or Foreman or Supervisor
I&C Technician	OSC I&C Specialist, 163	1	I&C Maintenance Specialist or Supervisor
Facility Command and Control	OSC Supervisor, 157	1	OSC Coordinator with TSC

¹ This function(s) may be accomplished during the first 75 minutes of an emergency by an individual(s) meeting the corresponding listed qualifications.

² These Emergency Response Organization (ERO) positions were established to accomplish the indicated function(s).

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 24 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2C
RE-ENTRY GUIDELINES
(Page 1 of 3)

CAUTION

As specified in ADM-17.09, Invoking 10 CFR 50.54(x), the Emergency Coordinator (EC) may (with the concurrence of a licensed senior operator) waive re-entry requirements to place the plant in a safe shutdown condition or mitigate a release, if this immediate action is needed to protect the health and safety of the public.

/R5

1. Prior to evacuation and with the Operational Support Center (OSC) NOT operational.

Re-entry guidelines do not apply.

2. Prior to evacuation and with the OSC operational.

¶₃

- a. Operators in the field should return to the Control Rooms and obtain an Electronic Personal Dosimeter (EPD) from the Health Physics Emergency Kit prior to returning to field.
- b. Since teams may be dispatched from the OSC prior to evacuation of any plant areas, the OSC Supervisor and Health Physics Supervisor in the OSC (HPOSC) should evaluate the event in progress and determine the most likely trends in radiological conditions. If the event is likely to result in evacuation(s), due to radiological concerns, the teams should be dressed, equipped, and briefed, similarly to Re-entry Teams.

¶₃

3. Evacuation ordered and with the OSC NOT operational.

Operator actions in the field must be viewed as re-entry activities. Operators shall return to the Control Rooms following the evacuation order. Operators shall obtain an Electronic Personal Dosimeter (EPD) from the Health Physics Emergency Kit, if not done previously.

Re-entry into the plant requires:

/R5

- a. The EC (initially the NPS) authorize the entry.
- b. Maintenance of appropriate radiological and safety measures.
- c. Tracking the whereabouts of the team.

/R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 25 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2C
RE-ENTRY GUIDELINES
(Page 2 of 3)

4. Evacuation ordered and with the OSC operational

- a. NLOs, from both Units, are to report to the OSC once it goes operational. /R5
- b. All field activities are re-entries and shall be coordinated and controlled by the OSC.
- c. Re-entry into an evacuated area shall be made only when authorized by the EC and under the direction of the TSC HP Supervisor (TSCHPS) and the HPOSC for one or more of the following reasons:
 - 1. To ascertain that all personnel who were in the affected area have been evacuated and to search for unaccounted for personnel.
 - 2. To assist in evacuating injured or incapacitated personnel from the affected area.
 - 3. To perform operations which mitigate the effect of the emergency or hazardous condition.
 - 4. To determine the nature and extent of the emergency and/or radiological conditions.
 - 5. To establish definite personnel exclusion area boundaries.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 26 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2C
RE-ENTRY GUIDELINES
(Page 3 of 3)

5. General Consideration

- a. The Re-entry Team members should be selected based on appropriate qualifications relevant to the purpose for the entry.
- b. A Re-entry Team shall consist of at least two qualified persons, one of whom shall be knowledgeable in Health Physics procedures.
- c. The most qualified (relative to the entry) person should be selected to serve as the Re-entry Team Leader. He/she should be fully briefed concerning the nature of the emergency and the expectations for the entry.
- d. All Re-entry Team members shall wear protective clothing, dosimeters, respiratory devices, and other protective devices as specified by the HPOSC.
- e. A contingency Re-entry Team should be developed consisting of representatives from each of the maintenance disciplines and Health Physics. This team anticipates the need for a high priority, rapid response request from the EC/TSC.

11

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 27 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2D
BRIEFING GUIDELINES
(Page 1 of 1)

PRE-ENTRY

1. The Re-entry Team Form takes the place of a Nuclear Plant Work Order (NPWO) package, therefore, careful documentation is required.
2. Ensure that the Re-entry Team members are instructed as to what is required of them during the entry by the assigned Re-entry Supervisor.
3. Ensure that the Re-entry Team members are briefed concerning the nature of the emergency and the possible radiation hazards present by the HPOSC.
4. Verify that the Re-entry Team understands that they should not deviate from the planned route and task, unless due to unanticipated circumstances such as rescue, performing an operation which would minimize the emergency condition, etc. and only after acknowledgement from the OSC.
5. Verify that the Re-entry Team understands that if the monitored dose rates encountered during the entry exceed the limits set by the HPOSC that the Team should return to the OSC or, at a minimum, move to an area of low background and review conditions with the OSC.
6. If a Re-entry Team is to be assigned a new or additional task while still in the field, Part II, Task Assessment, of Attachment 5A, Re-entry Team Form, must be re-evaluated by an appropriate Re-entry Supervisor and the HPOSC consulted, prior to providing a field briefing.

POST ENTRY

1. Evaluate the success of the Re-entry Team in completing the re-entry task.
2. Ensure that Part V, Team Work Report, of the Re-entry Team Form (Attachment 5A) is completed by the Re-entry Team for documentation.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 28 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2E
GUIDELINES FOR RELOCATION OF THE OSC
(Page 1 of 2)

A. OSC Supervisor

- 1.** In conjunction with the Emergency Coordinator and the TSC HP Supervisor, obtain approval to relocate the OSC to one of the following locations: (not in any priority)
 - a.** North Service Building, conference area or maintenance shops
 - b.** Blowdown Building
 - c.** Unaffected Reactor Auxiliary Building (RAB)
 - d.** Other location deemed appropriate
- 2.** Organize three relocation teams as follows:
 - a.** SETUP TEAM to prepare the alternate OSC location.
 - b.** EQUIPMENT AND SUPPLY TEAM to arrange for and transport equipment to the alternate OSC location.
 - c.** TURNOVER TEAM to maintain continuity with the TSC and communications with the Set Up Team.
- 3.** Ensure that communications are established and checked at the alternate OSC.
- 4.** Notify the TSC and Emergency Coordinator that the alternate OSC is operational and the primary OSC has been shutdown.

B. Maintenance Re-entry Supervisors

- 1.** Identify tools and equipment for transfer.
- 2.** Make vehicles available to transport equipment.
- 3.** Maintain communications with Re-entry Teams.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 29 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2E
GUIDELINES FOR RELOCATION OF THE OSC
(Page 2 of 2)

C. HP and Chemistry

1. Develop a relocation briefing regarding radiological conditions and travel route.
2. Chemistry assist HP in gathering Emergency Kit equipment, dosimetry, and exposure records and prepare for transport.
3. At the new location, reestablish:
 - a. Access control
 - b. Habitability surveys
 - c. Decon location

D. Security

1. Reestablish accountability at the new location.
2. Ensure that the alternate location is identified to Security roadblocks.

E. Admin Tech and Logkeeper

1. Create a new layout for the OSC in the alternate location, as necessary.
2. Create a new call list of OSC phone numbers in the alternate location.
 - a. A minimum of ten (10) phone lines should be identified, including one line for a telecopy machine, if a machine is available.
 - (1) Radio channels may need to be substituted for missing phone lines.
3. Ensure all status board information is recorded and transferred.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 30 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 2F
OSC FACILITY BRIEFINGS
(Page 1 of 1)

A. GENERAL GUIDELINES

1. Conducted by the OSC Supervisor or his/her designee.
2. Establish a frequency (e.g., every 30 minutes or directly following the EC portion of the TSC briefings via the "Videolink").
3. Set criteria (i.e., attendance, noise and activity level, circulation of information).

B. GENERAL FORMAT - the following information should be included in facility briefings.

1. Time of the briefing
2. Current emergency classification
3. Plant status (affected Unit, unaffected Unit)
4. Radiological conditions (e.g., release in progress, contaminated areas, etc.)
5. Status of protective actions (e.g., site evacuation, actions underway by the public, etc.)
6. Status of activities underway in the facility
7. Request input/update information from other representatives (e.g., OPS, HP, Chem, Maintenance, Engineering, Security, etc.)
8. Major activity(s) underway in other facilities (e.g., notifications, field monitoring, dose assessment, etc.)
9. Concerns or questions

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 31 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 3
OSC COORDINATOR WITH TSC CHECKLIST
(Page 1 of 2)

NOTE
When necessary or appropriate, steps of this checklist may be performed out of sequence.

- | <u>A. FACILITY ACTIVATION</u> | <u>INITIAL</u> |
|---|-----------------------|
| 1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. | _____ |
| 2. Establish communication link with the TSC Coordinator with OSC (in the TSC). | _____ |
| 3. Synchronize OSC clocks with the TSC. | _____ |
|
<u>B. FACILITY OPERATION</u> | |
| 1. Steps to occur continually while the facility is in operation: | |
| a. Ensure all requests for re-entry activities are documented on Attachment 3A, Re-entry Log. | |
| 1. Complete the Re-entry Task Request section of Attachment 3A (letters A - F) with information provided by the TSC Coordinator with OSC. | |
| b. Ensure all re-entry requests have been approved and prioritized by the EC. | |
| c. Give the Re-entry Log to the OSC Supervisor for completion of the Re-entry Team Assignment section. | |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 32 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 3
OSC COORDINATOR WITH TSC CHECKLIST
(Page 2 of 2)

B. (continued)

INITIAL

1. (continued)

d. Upon return of the Re-entry Log form from the OSC Supervisor:

1. Provide the information in the Re-entry Team Assignment section of Attachment 3A, Re-entry Log (letters G - I) to the TSC.
2. Instruct the OSC Administrative Tech/Logkeeper to update the OSC Status Board with Re-entry Team information.

e. Inform the OSC Supervisor when the EC/TSC will be conducting a facility briefing.

f. Monitor information on the status board for accuracy.

g. Provide temporary coverage for the OSC Supervisor during Re-entry Team briefings and debriefings, as requested.

C. FACILITY CLOSEOUT AND RESTORATION

NOTE

All paperwork completed in the position notebook should remain in the position notebook.

1. Phone connection to TSC terminated. _____
2. All Re-entry Log entries completed and closed out. _____
3. Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____ /R5
4. Returned position notebook to storage shelf. _____ /R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 33 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

**ATTACHMENT 3A
RE-ENTRY LOG
(Page 1 of 1)**

RE-ENTRY TASK REQUEST	RE-ENTRY TEAM ASSIGNMENT
Complete this section with information from the TSC Coordinator with OSC.	The OSC Supervisor should complete this section.
A. Task Description: _____ B. *Priority: _____ C. Time: _____ D. Reason for request: _____ E. Info contact: _____ F. Phone: _____	G. Team No.: _____ H. Title: _____ I. Re-entry Supv.: _____ J. Time out: _____ K. Time in: _____ L. Comments: _____
A. Task Description: _____ B. *Priority: _____ C. Time: _____ D. Reason for request: _____ E. Info contact: _____ F. Phone: _____	G. Team No.: _____ H. Title: _____ I. Re-entry Supv.: _____ J. Time out: _____ K. Time in: _____ L. Comments: _____
A. Task Description: _____ B. *Priority: _____ C. Time: _____ D. Reason for request: _____ E. Info contact: _____ F. Phone: _____	G. Team No.: _____ H. Title: _____ I. Re-entry Supv.: _____ J. Time out: _____ K. Time in: _____ L. Comments: _____
A. Task Description: _____ B. *Priority: _____ C. Time: _____ D. Reason for request: _____ E. Info contact: _____ F. Phone: _____	G. Team No.: _____ H. Title: _____ I. Re-entry Supv.: _____ J. Time out: _____ K. Time in: _____ L. Comments: _____
A. Task Description: _____ B. *Priority: _____ C. Time: _____ D. Reason for request: _____ E. Info contact: _____ F. Phone: _____	G. Team No.: _____ H. Title: _____ I. Re-entry Supv.: _____ J. Time out: _____ K. Time in: _____ L. Comments: _____

* 0 = Dispatch in less than 5 minutes (e.g., fire, injury, or certain Operator Actions)
1 = Dispatch in less than 15 minutes (e.g., Emergency Coordinator top priority)
2 = Dispatch in less than 30 minutes (e.g., routine re-entries)

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 34 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 4
OSC ADMINISTRATIVE TECH/LOGKEEPER CHECKLIST
(Page 1 of 2)

NOTE

1. Two persons serve in this position. A division of labor should be established that best supports the OSC Supervisor.
2. When necessary or appropriate, steps of this checklist may be performed out of sequence.

- | | | |
|-----------|--|-----------------------|
| A. | <u>FACILITY ACTIVATION</u> | <u>INITIAL</u> |
| | 1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. | _____ |
| | 2. Ensure status boards in the OSC are clean prior to facility activation. | _____ |
| | 3. Ensure the television sets in rooms 2200 and 2300 are turned on and set on channel 9 (for the "Videolink"). | _____ |
| B. | <u>FACILITY OPERATION</u> | |
| | 1. Ensure that all personnel in both Rooms 2200 and 2300 are signed in on the status board and that this information concurs with Attachment 2A, OSC ERO Shift Staffing and Accountability Roster. | |
| | 2. Steps to occur continually while the facility is in operation: | |
| | a. Maintain the OSC Supervisor Logbook once turned over from OSC Supervisor (use Attachment 4A, Log Keeping and Status Boards). | |
| | b. Maintain the OSC Status Board (use Attachment 4A, Log Keeping and Status Boards). | |
| | c. Review status board entries with the OSC Coordinator with TSC to ensure accuracy. | |
| | d. Provide administrative assistance and supplies to the OSC Supervisor and Re-entry Supervisors (supplies are available in the HP Emergency Kit). | |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 35 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 4
OSC ADMINISTRATIVE TECH/LOGKEEPER CHECKLIST
 (Page 2 of 2)

C. FACILITY CLOSEOUT AND RESTORATION INITIAL

NOTE
 All paperwork completed in the position notebook should remain in the position notebook.

1. The status board has been cleared and returned to preactivation condition. _____
2. Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____
3. Returned position notebook to storage shelf. _____

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 36 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 4A
LOGKEEPING AND STATUS BOARDS
(Page 1 of 1)

LOG KEEPING

1. Example of information to be documented
 - a. Key events (e.g., classification changes, injuries, etc.)
 - b. Status changes in equipment, radiological conditions, personnel, etc.
 - c. Decisions or actions taken
 - d. Status board entries
 - e. Other items of significance

2. Log entry requirements
 - a. Time of entry
 - b. Use ink
 - c. Write legibly
 - d. Use concise and accurate wording
 - e. Strike through and initial any changes
 - f. Do not remove pages from the log

STATUS BOARDS

1. Information should be updated every 15-30 minutes and not longer than 60 minutes.
2. Review posted information for accuracy (e.g., review the Re-entry Team number against the Re-entry Log) and verify discrepancies with the OSC Coordinator with TSC.
3. Designate corrected information by circling the entry on the board.
4. When all available blanks are filled in for a given parameter/item, begin again with a different colored marker, erase the existing information (one blank/line at a time) and enter the new information.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 37 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 5
OSC RE-ENTRY SUPERVISOR CHECKLIST
(Page 1 of 4)

NOTE

1. This checklist applies to the following Re-entry Supervisor positions (responsibilities of the OSC HP Re-entry Supervisor (HPOSC) are provided in HP-200, Health Physics Emergency Organization):

OSC Electrical Re-entry Supervisor	OSC I&C Re-entry Supervisor
OSC Mechanical Re-entry Supervisor	OSC Chemistry Supervisor
OSC OPS Re-entry Supervisor	

2. This attachment also provides guidelines for the following Re-entry Team members:

OSC Electrician	OSC I&C Specialist
OSC Mechanic	OSC Chemist
OSC Non Licensed Operators	

3. When necessary or appropriate, steps of this checklist may be performed out of sequence.

A. FACILITY ACTIVATION

INITIAL

- | | |
|--|-------|
| 1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. | _____ |
| 2. Assist in preparation and set-up of the OSC. | _____ |

NOTE

1. Initially, on-shift Non-Licensed Operators (NLOs) are under the control of the NPS and are accounted for on the Operations Accountability Aid. Following site evacuation, NLOs report to the OSC and are then considered part of the OSC staff.

2. Extra (non on-shift) NLOs report to the OSC and are part of the OSC staff.

- | | |
|--|-------|
| 3. Ensure departmental Re-entry Team members are signed-in on a form similar to Attachment 2A, OSC ERO Shift Staffing and Accountability Roster. | _____ |
| 4. Provide activation status of your group to the OSC Supervisor. | _____ |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER ST. LUCIE PLANT	PAGE: 38 of 55
PROCEDURE NO.: EPIP-05		

ATTACHMENT 5
OSC RE-ENTRY SUPERVISOR CHECKLIST
(Page 2 of 4)

B. FACILITY OPERATION

INITIAL

1. All Re-entry Supervisors initiate a Logbook. _____
2. Steps to occur continually by all Re-entry Supervisors while the facility is in operation:
 - a. Maintain documentation of activities in the Logbook.
 - b. Re-entry Checklist - When directed by the OSC Supervisor complete the following in response to a request for a Re-entry Team:
 1. Complete Part I, Team Assignment, portion of Attachment 5A, Re-entry Team Form, as requested by the OSC Supervisor by selecting Re-entry Team members and a Re-entry Team Leader.
 2. Work with other members of the OSC staff to complete Part II, Task Assessment, of the Re-entry Team Form.
 3. Review Attachment 5B, Re-entry Team Guidelines, as necessary.
 4. Complete Part III, Team Pre-entry Briefing, of Attachment 5A, Re-entry Team Form.
 5. Provide the Re-entry Team Form to the OSC Supervisor for completion of Part IV.
 6. Once dispatched, communicate with the Re-entry Team and keep the OSC Supervisor informed of status/activities.
 7. Upon return to the OSC, direct the Re-entry Team to complete Part V, Team Work Report, of Attachment 5A, Re-entry Team Form.
 8. Retain completed copies of Attachment 5A, Re-entry Team Form.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 39 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 5
OSC RE-ENTRY SUPERVISOR CHECKLIST
(Page 3 of 4)

- | | |
|---|----------------|
| B. (continued) | <u>INITIAL</u> |
| 2. (continued) | |
| c. Coordinate shift relief activities with the OSC Supervisor. | |
| d. Perform shift turnover with an alternate Re-entry Supervisor, when directed. | |
| 1. Ensure shift turnover of other departmental re-entry personnel. | |
| 1.4 3. OPS Re-Entry Supervisor | |
| a. Establish link with OPS Conference Bridge (originated in the TSC). | _____ |

NOTE

At site evacuation and at the direction of the EC, NLOs will report to the OSC.

- | | |
|---|-------|
| b. Verify that on-shift NLOs are aware of the following (may be communicated through the Control Room or directly): | |
| 1. Emergency dosimetry (Electronic Personal Dosimeter (EPD)), in the Control Room HP Emergency Kits, must be used at ALERT or higher emergency class. | _____ |
| 2. The EC will direct the NLOs to the OSC following a site evacuation. | _____ |
| 3. Travel route to the OSC will be established by the HPOSC. | _____ |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 40 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 5
OSC RE-ENTRY SUPERVISOR CHECKLIST
(Page 4 of 4)

B. (continued)

INITIAL

3. (continued)

CAUTION

As specified in ADM-17.09, Invoking 10 CFR 50.54(x), the Emergency Coordinator (EC) may (with the concurrence of a licensed senior operator) waive re-entry requirements to place the plant in a safe shutdown condition or mitigate a release, if this immediate action is needed to protect the public health and safety.

c. Coordinate operator actions over the OPS Conference Bridge and in conjunction with the OSC Supervisor.

C. FACILITY CLOSEOUT AND RESTORATION

NOTE

All paperwork completed in the position notebook should remain in the position notebook.

1. Directed departmental personnel to turn in documentation. _____
2. Closed out the Logbook. _____
3. Generate Nuclear Plant Work Orders (NPWOs), following termination of the emergency, to ensure all maintenance activities are recorded in plant maintenance program records, as necessary. _____
4. Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____
5. Returned position notebook to storage shelf. _____

/R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 41 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

**ATTACHMENT 5A
RE-ENTRY TEAM FORM**
(Page 1 of 2)

<p>NOTE This form takes the place of a Nuclear Plant Work Order (NPWO) package, therefore, careful documentation is required.</p>
--

PART I. TEAM ASSIGNMENT

A. Team No.: _____ B. Title: _____ C. Priority: _____ D. Time: _____

E. Team Members:

	Name	TLD No.	Department
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

F. Designated Team Leader: _____

G. Completed by: _____, Re-entry Supervisor

<p>CAUTION <u>IF</u> the Re-entry Team is assigned a new or additional task, <u>THEN</u> this section shall be re-evaluated and the HPOSC consulted, prior to the field briefing.</p>
--

PART II. TASK ASSESSMENT

A. Task description: _____

B. Clearance consideration (OPS): _____ C. Security: _____ D. Safety/Heat Stress: _____

E. Material available (NMM): _____ F. Tools: _____ G. Instruction Level: _____

H. Work guidelines: _____

I. Completed by: _____, Re-entry Supervisor

PART III. TEAM PRE-ENTRY BRIEFING

A. Review task assessment: _____

B. Special instructions: _____

C. Communications, primary: _____ alternate: _____

D. Completed by: _____, Re-entry Supervisor

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 43 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

**ATTACHMENT 5B
RE-ENTRY TEAM GUIDELINES**

(Page 1 of 1)

MEMBERS OF RE-ENTRY TEAMS:

1. Should obtain, as appropriate, tools, equipment, supplies, and communications equipment necessary to perform emergency repair/damage control activities.
2. Should report any equipment or supply problems to the Re-entry Supervisor.
3. Shall don personal protective equipment/clothing and dosimetry, if directed by the HPOSC.
4. Should proceed along the pre-planned route to the work location and perform emergency repair/damage control activities, as directed by the Re-entry Supervisor, HPOSC, and OSC Supervisor.
5. Should maintain communications with the Re-entry Supervisor.
6. Should request additional personnel/equipment, as necessary, through the Re-entry Supervisor.
7. Shall check dosimetry/monitor exposure. If the alarm of the Electronic Personal Dosimeter (EPD) sounds, follow the instructions provided by the HPOSC.
8. Should follow the self-monitoring and personnel decontamination procedures as specified by the HPOSC, when the re-entry is complete.
9. Should complete Part V, Team Work Report, in Attachment 5A, Re-Entry Team Form, and report to the OSC Supervisor for debrief on return to the OSC.
10. Should report to HP for exposure history update.
11. Should stand-by for further instructions from the Re-entry Supervisor.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 44 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 6
OSC RE-ENTRY FOREMAN CHECKLIST
(Page 1 of 2)

NOTE

1. This checklist applies to the following Re-entry Foreman positions:

OSC Electrical Chief
OSC Mechanical Foreman
OSC I&C Shop Supervisor

2. When necessary or appropriate, steps of this checklist may be performed out of sequence.

- | | | |
|-----------|--|-----------------------|
| A. | <u>FACILITY ACTIVATION</u> | <u>INITIAL</u> |
| | 1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. | _____ |
| | 2. Assist the Re-Entry Team Supervisor in identification of departmental journeyman. | _____ |
| B. | <u>FACILITY OPERATION</u> | |
| | 1. Steps to occur continually while the facility is in operation: | |
| | a. Assist the Re-entry Supervisor in re-entry activities as follows: | |
| | 1. Evaluation of re-entry tasks. | |
| | 2. Selection of departmental personnel for re-entry tasks. | |

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 45 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 6
OSC RE-ENTRY FOREMAN CHECKLIST
(Page 2 of 2)

B. (continued)

INITIAL

1. (continued)

a. (continued)

NOTE

1. A computer provides a LAN connection and access to the Total Equipment Database (TEDB) in Passport.

2. Procedures, Tech Manuals, and drawings are available across the hall from the OSC in the Maintenance Library (an Information Services representative is part of the OSC staff, if needed).

3. Determination of level of instruction needed by the Re-entry Team members.

4. Selection of tools, equipment, and supplies necessary to perform emergency repair/damage control activities.

b. Perform as a Re-entry Team Leader, as directed. _____

C. FACILITY CLOSEOUT AND RESTORATION

NOTE

All paperwork completed in the position notebook should remain in the position notebook.

1. Directed departmental personnel to evaluate status of equipment and supplies and report deficiencies. _____

2. Had departmental Re-entry Team members return all equipment and supplies to normal/storage locations. _____

3. Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____ /R5

4. Returned position notebook to storage shelf. _____ /R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 47 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 7
OSC DEPARTMENTAL REPS CHECKLIST
(Page 2 of 3)

A. (continued)

INITIAL

2. (continued)

a. (continued)

(7) To print the list:

- Click the File.
- Select Print from the drop down menu.
- Select View Options in the dialogue box.
- Click OK.

b. Ensure copies of the Emergency Response Directory (ERD) are available for use by the OSC Supervisor and OSC Re-entry Supervisors. Copies of the ERD may be obtained from the HP Emergency Kit.

3. OSC Safety Rep (or as designated by the OSC Supervisor)

a. Initiate set up of Room 2200 in accordance with Attachment 7A, Room 2200 Guidelines, and 7B, Room 2200 Set Up.

B. FACILITY OPERATION

NOTE

Computers are available in Room 2300 for accessing the LAN, as needed.

1. Steps to occur continually while the facility is in operation:

a. OSC Safety Rep (or as designated by the OSC Supervisor)

(1) Supervise activities in Room 2200. Follow the guidance provided in Attachment 7A, Room 2200 Guidelines.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 48 of 55
PROCEDURE NO.: EPIP-05		ST. LUCIE PLANT

ATTACHMENT 7
OSC DEPARTMENTAL REPS CHECKLIST
(Page 3 of 3)

B. FACILITY OPERATION (continued)

INITIAL

1. (continued)

b. Each representative should be alert to assist the OSC Supervisor in advising Re-entry Teams or participating in re-entry as needed.

c. Provide support and/or expertise as follows:

1. OSC NMM Staff Rep - materials and equipment in Stores

2. OSC Protection and Control Rep - off-site power and switchyard issues

3. OSC Information Services Rep - obtain and/or produce copies of tech manuals, drawings, procedures, diagrams and other controlled documents, as requested.

/R5

C. FACILITY CLOSEOUT AND RESTORATION

NOTE

All paperwork completed in the position notebook should remain in the position notebook.

1. Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____

/R5

2. Returned position notebook to storage shelf. _____

/R5

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 49 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 7A
ROOM 2200 GUIDELINES
(Page 1 of 3)

A. SET UP

1. Instruct personnel to arrange the tables and chairs in accordance with the facility layout shown in Attachment 7B, Room 2200 Set Up. Each department should ensure their area is properly located and arranged.
2. The OSC Supervisor should be advised when the room is set up.

B. STAFF AND ACCOUNTABILITY

1. Assist Security in establishing accountability by instructing all personnel to sign in on Attachment 2A, OSC ERO Shift Staffing and Accountability Roster. Instruct all foremen to ensure their personnel are signed in.
2. Ensure one completed copy of Attachment 2A is provided to the OSC Supervisor and another completed copy is given to one of the OSC Administrative Tech/Logkeepers.

C. CONDUCT OF FACILITY OPERATIONS

1. Identify and process personnel from HP, OPS, Chemistry and Maintenance to initially establish a rapid response/contingency Re-entry Team.
2. Review the rules:
 - a. Orderly conduct is to be maintained at all times.
 - b. Personnel are to listen to TSC briefings broadcast over the Videolink.
 - c. Briefings will occur following the TSC briefings (approximately every 30 minutes) and will allow for questions.
 - d. Personnel are allowed to leave Room 2200 (to use the bathroom, make copies, go the Maintenance Library, etc.), but must notify their foreman if appropriate, and in all instances, sign out on roster provided by Security.
 - e. Personnel are NOT to enter Room 2300 unless instructed to do so.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 50 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 7A
ROOM 2200 GUIDELINES
(Page 2 of 3)

C. (continued)

- 3.** Have personnel identify any tools, instruments or other supplies that are necessary for their response efforts. These requests need to be provided to the OSC Supervisor so that arrangements can be made to obtain this material.

D. HP BRIEFINGS

- 1.** In addition to re-entry specific briefings, HP should routinely provide general HP briefings to personnel addressing the following:
 - a.** Location of the Access Control Point.
 - b.** Current dress out requirements.
 - c.** Dosimetry, alarm setpoints, and appropriate actions if an alarm should sound.
 - d.** General radiological conditions based on on-site survey data.
 - e.** Radiological conditions in the OSC.
 - f.** Release or dose concerns.

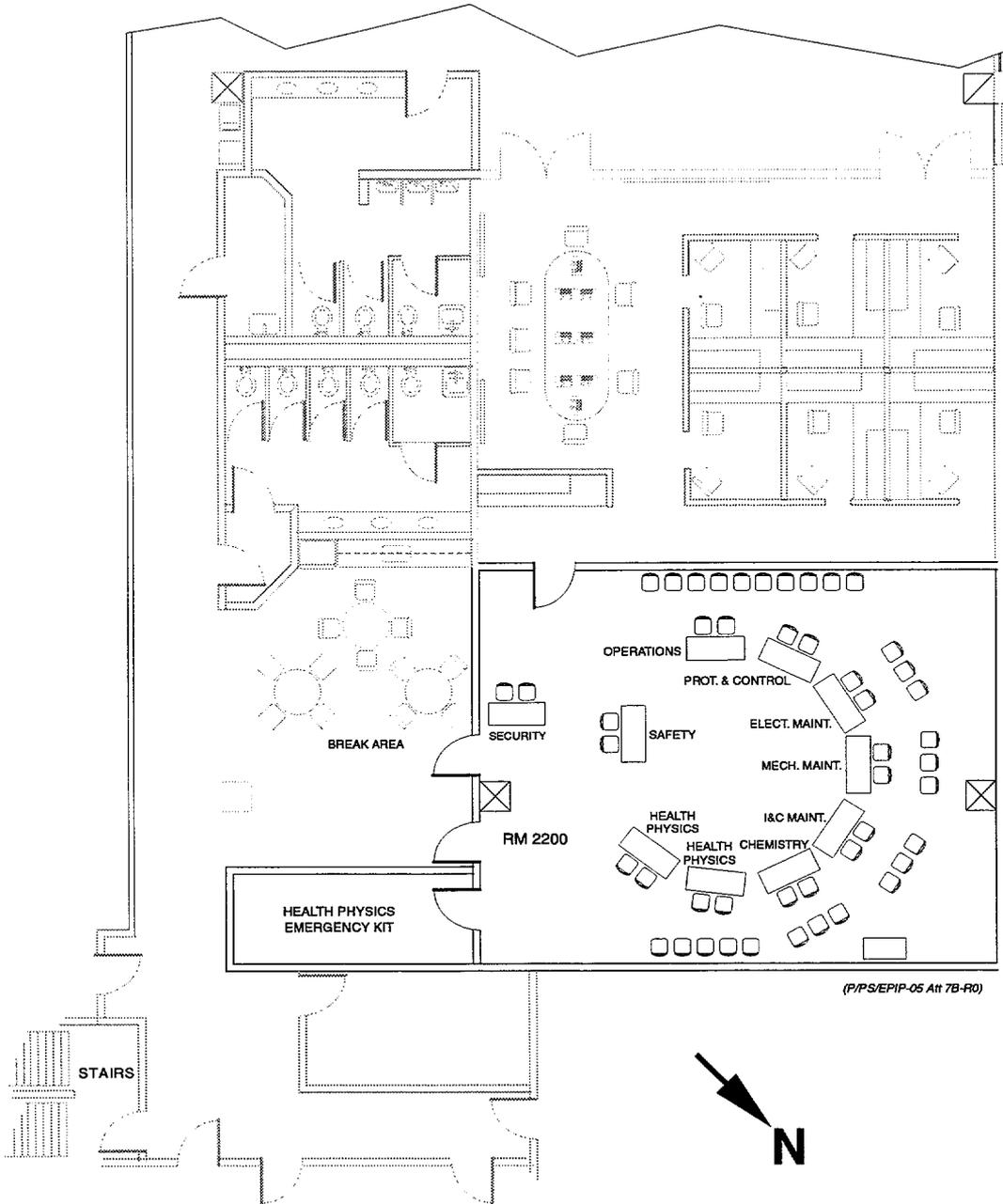
E. SAFETY BRIEFINGS

- 1.** Safety considerations associated with re-entries should include:
 - a.** Clearance considerations.
 - b.** Caution in unknown environments, for example, be wary of steam leaks or other potentially dangerous conditions.
 - c.** Personal safety with respect to your physical condition, for example, remain sensitive to the dangers of Heat Stress.
 - d.** Be familiar with surroundings and alert to changing conditions.

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 51 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	
ATTACHMENT 7A <u>ROOM 2200 GUIDELINES</u> (Page 3 of 3)		
<p>E. (continued)</p> <p>1. (continued)</p> <p>e. Keep in contact with the Re-entry Supervisor.</p> <p>f. Perform the work as safely as possible.</p> <p>2. When in the field, always review any proposed change in the re-entry plan (ingress, egress, or assigned task) with the Re-entry Supervisor.</p>		

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 52 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 7B
ROOM 2200 SET UP
(Page 1 of 1)



(P/PS/EPIP-05 Att 7B-R0)

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 53 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 8
OSC SECURITY CHECKLIST
(Page 1 of 3)

NOTE
When necessary or appropriate, steps of this checklist may be performed out of sequence.

A. FACILITY ACTIVATION **INITIAL**

1. Refer to section 5 of this procedure (included in the position notebook) and review the general instructions. _____

NOTE
Priority is given to identifying the minimum staff (positions in bold on Attachment 2A) which allows the OSC Supervisor to declare the OSC operational. Accountability must be established for both Room 2200 and 2300. The facility head count must agree with the number of persons signed in on the accountability forms.

2. Using Attachment 2A, OSC ERO Shift Staffing and Accountability Roster, initiate the establishment of initial facility accountability. _____

B. FACILITY OPERATION

NOTE
Certain positions assigned to the OSC are not necessarily located in the OSC, but for accountability these persons are tracked with OSC personnel. These positions are not to be logged as Re-entry Teams or to appear on the Accountability Roster if the persons have actually left site.

1. Log the names and badge numbers of persons filling the following positions and maintain accountability for them even after leaving the facility and/or site:
 - a. Assembly Area Supervisor: _____
 - b. Control Room HP coverage
 1. Unit 1: _____
 2. Unit 2: _____

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 54 of 55
PROCEDURE NO.: EPIP-05		

ST. LUCIE PLANT

ATTACHMENT 8
OSC SECURITY CHECKLIST
(Page 2 of 3)

B. (continued)	<u>INITIAL</u>
1. (continued)	
c. Field Monitoring Team - Red	
1. Driver:	_____
2. HP:	_____
d. Field Monitoring Team - Blue	
1. Driver:	_____
2. HP:	_____
e. Field Monitoring Team - Orange	
1. Driver:	_____
2. HP:	_____
f. Other (e.g., HP sent to off-site Assembly Area, hospital, etc.):	_____
2. Establish initial facility personnel accountable roster required 30 minutes following evacuation of non-essential personnel.	_____
3. Revise accountability when Non Licensed Operators report to the OSC following site evacuation.	_____
4. Coordinate with the Assembly Area Supervisor to establish Security at the off-site Assembly Area based on Security resources availability.	_____

REVISION NO.: 5	PROCEDURE TITLE: ACTIVATION AND OPERATION OF THE OPERATIONAL SUPPORT CENTER	PAGE: 55 of 55
PROCEDURE NO.: EPIP-05	ST. LUCIE PLANT	

ATTACHMENT 8
OSC SECURITY CHECKLIST
(Page 3 of 3)

B. (continued)

INITIAL

- 5.** Steps to occur continually while the facility is in operation:
- a.** Assist the TSC Security Supervisor in maintaining site accountability.
 - b.** Assist Re-entry Teams in gaining access to plant areas, as needed.
 - c.** Assist off-site agencies in gaining plant access.
 - d.** Advise the OSC Staff of security related matters.
 - e.** Follow Security Procedures.

C. FACILITY CLOSEOUT AND RESTORATION

NOTE

All paperwork completed in the position notebook should remain in the position notebook.

- 1.** Provided all completed paperwork (not bound in the position notebook) to the OSC Supervisor. _____ /R5
- 2.** Returned position notebook to storage shelf. _____ /R5



FPL

ST. LUCIE PLANT EMERGENCY PLAN IMPLEMENTING PROCEDURE

SAFETY RELATED

Procedure No.
EPIP-12

Current Rev. No.
7

Effective Date:
08/10/00

Title:

MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING

Responsible Department: **EMERGENCY PREPAREDNESS**

Revision Summary

Revision 7 - Eliminated backshift paramedic position due to first responder training of Security personnel. (G. Varnes, 08/08/00)

Revision 6 - Added controls for pagers. (Donna Calabrese, 04/27/00)

Revision 5 - Removed PAR training from the qualification requirements for the TSC Dose Assessor position. (J. R. Walker, 12/03/99)

Revision 4 - Changed title throughout (Protection Services Manager) and addressed changes prompted by use of PQD as official training database. (J. R. Walker, 07/08/99)

Revision	FRG Review Date	Approved By	Approval Date	S__OPS
0	12/15/97	J. Scarola Plant General Manager	12/15/97	DATE _____ DOCT <u>PROCEDURE</u> DOCN <u>EPIP-12</u> SYS _____ COMP <u>COMPLETED</u> ITM <u>7</u>
7	08/08/00	R. G. West Plant General Manager	08/08/00	
		N/A Designated Approver		
		N/A Designated Approver (Minor Correction)		

CONTROL **PSL** **818** AdOC

PROCEDURE PRODUCTION

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 2 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 PURPOSE	3
2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS	4
3.0 RESPONSIBILITIES	5
4.0 DEFINITIONS	8
5.0 INSTRUCTIONS	10
5.1 Initial Training	10
5.2 Annual Retraining	13
5.3 Loss of ERO Qualifications	16
5.4 Training of Security Personnel	17
5.5 Fire Brigade	18
5.6 Training Exemptions and Substitutions	19
 <u>ATTACHMENTS</u>	
ATTACHMENT 1 EMERGENCY RESPONSE ORGANIZATION CHANGE REQUEST	20
ATTACHMENT 2 ERO INITIAL TRAINING MATRIX	21
ATTACHMENT 3 ERO ANNUAL REQUALIFICATION MATRIX	30

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 3 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

1.0 PURPOSE

- 1.1** This procedure provides the Emergency Plan (E-Plan) training requirements for site personnel and personnel in the St. Lucie Plant Emergency Response Organization (ERO).
- 1.2** In order to maintain emergency preparedness, personnel should be familiar with certain pre-planned actions specified in the Emergency Plan Implementing Procedures (EPIPs). The primary objectives of this training are as follows:
1. Familiarize appropriate individuals with the E-Plan and related EPIPs.
 2. Instruct individuals in their specific duties to ensure effective and expeditious action during an emergency.
 3. Periodically present significant changes in the scope or content of the E-Plan and the EPIPs.
 4. Provide annual retraining to ensure that personnel are familiar with their emergency duties and responsibilities.
 5. Provide the various emergency organization groups with the required training that will ensure an integrated and prompt response to an emergency situation.
- 1.3** The annual training cycle normally occurs in the first quarter of each year.
- 1.4** The E-Plan Training Review Committee provides for the review and evaluation of changes, the impact on training, and the determination if training is needed prior to the next cycle.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 4 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS

NOTE

One or more of the following symbols may be used in this procedure:

§ Indicates a Regulatory commitment made by Technical Specifications, Condition of License, Audit, LER, Bulletin, etc., and shall NOT be revised without Facility Review Group review and Plant General Manager approval.

¶ Indicates a management directive, vendor recommendation, plant practice or other non-regulatory commitment that should NOT be revised without consultation with the plant staff.

2.1 References

- §₁ 1. St. Lucie Plant Radiological Emergency Plan (E-Plan)
- ¶₁ 2. QI 1-PR/PSL-1, Site Organization.
- ¶₂ 3. QI-17-PSL-1, Quality Assurance Records.
- ¶₄ 4. AP 0005752, Plant Access Training Program.
- 5. AP 1800022, Fire Protection Plan.
- 6. ADM-11.11, Severe Accident Management Guidelines Program Administration
- 7. St. Lucie Plant Emergency Response Directory.

2.2 Records Required

- ¶₂ Records documenting the Emergency Plan Training received by individuals are Quality Assurance records and shall be maintained in the plant files in accordance with QI-17-PSL-1, Quality Assurance Records.

REVISION NO.: <p style="text-align: center;">7</p>	PROCEDURE TITLE: <p style="text-align: center;">MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING</p> <p style="text-align: center;">ST. LUCIE PLANT</p>	PAGE: <p style="text-align: center;">5 of 38</p>
PROCEDURE NO.: <p style="text-align: center;">EPIP-12</p>		
2.0 REFERENCES/RECORDS REQUIRED/COMMITMENT DOCUMENTS (continued)		
2.3 Commitment Documents		
¶ ₃	1. St. Lucie Plant General Policy PSL-110, Emergency Response.	
	2. 10 CFR 50.47, Emergency Plans.	
	3. 10 CFR 50, Appendix E, Emergency Planning and Preparedness for Production and Utilization Facilities.	
	4. 10 CFR 26, Fitness for Duty.	
	5. NUREG 0737, 11.B.4, Training for Mitigating Core Damage	
§ ₂	6. NOV Response L-97-20, Violation II.C, Part 4A.	
§ ₃	7. NOV Response L-97-20, Violation II.C, Part 4B.	
§ ₅	8. NRC Inspection Report 96-18 URI P5.2	
§ ₄	9. QAS-EMP-96-01, Finding 2	
¶ ₅	10. PMAI PM99-05-183 (Use and Update of the Personnel Qualification Database (PWD))	
¶ ₆	11. PMAI PM99-09-077, CR 99-1353 (Training requirements for TSC Dose Assessor)	
§ ₅	12. CR 00-0544, Audit QSL-EP-00-02 (Discrepancies with Primary and Backup ERO Augmentation Processes)	
3.0 RESPONSIBILITIES		
3.1 The Training Manager is responsible for:		
	1. Designing, establishing, implementing and maintaining training programs for the St. Lucie Plant.	
	2. Ensuring initial orientation training is provided to permanently assigned new employees.	

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 6 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.1 The Training Manager is responsible for: (continued)

3. Ensuring all Emergency Plan Training, both initial training and periodic retraining, is conducted and documented for the St. Lucie Plant ERO.

3.2 Protection Services Manager is responsible for:

- 1, 1. Ensuring that a qualified Emergency Response Organization (ERO) is maintained in compliance with the St. Lucie Radiological Emergency Plan.
2. Coordinating emergency planning at the plant.

3.3 Emergency Preparedness is responsible for:

1. Establishing qualifications standards for ERO personnel.
 - §₅ A. Ensuring non-bargaining unit personnel pagers are correctly programmed.
2. Reviewing and approving the Emergency Plan Training Program.
- §₁ 3. Offering training to each contracted local hospital, at least once each year.
 - A. The content of that training should consist of radiological controls, medical consideration of contaminated injuries, and other topics as appropriate.
- §₁ 4. Offering training to each State and local emergency response agency, at least once each calendar year.
 - A. The content of that training should consist of an overview of normal and emergency plant operations and concepts of radiation protection, including protective actions.
 - B. This training may be in the form of a presentation, text, or other acceptable means.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 7 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.3 Emergency Preparedness is responsible for: (continued)

5. Providing the table of Emergency Action Levels (EALs) to state and local officials for their review, on an annual basis.
6. Revising the St. Lucie Plant Emergency Response Directory (ERD) and the FPL Emergency Recall System (autodialer) database when notified via a form similar to Attachment 1.
7. Providing a list of personnel designated to fill emergency response positions and requiring training per this procedure, to the Training Department.
8. Removing individuals who fail to maintain training qualifications from the ERD and the FPL Emergency Recall System (autodialer) database when notified by the appropriate department head or the Training Department.
9. Providing guidelines to plant management to assist in identifying the appropriate number of ERO personnel for each ERO position.
10. Notifying the Training Manager if changes in the E-Plan and/or EPIPs justify additional training for ERO personnel.
11. Chairing EP Training Review Committee Meetings.

3.4 Each Manager and Department Head is responsible to ensure that each ERO member under his/her supervision attends training in accordance with Attachments 2 and 3, and remains fully qualified at all times to perform his/her assigned emergency response duties.

1. Ensure personnel in his/her department who are assigned an on-site position in the ERO maintain unescorted access to the Protected Area and Radiation Controlled Area.
2. Ensure changes in his/her employees' status which would impair or limit the ability to perform emergency response duties be promptly reported to the Protection Services Manager (directly or through EP).
 - A. Provide alternate personnel to be trained to fill open positions.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 8 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

3.0 RESPONSIBILITIES (continued)

3.4 (continued)

§₅ 3. Ensure that non-bargaining unit personnel have pagers.

3.5 The Protection Services Manager is responsible to ensure that Security personnel maintain EP training qualifications per this procedure.

3.6 ERO members, supervisors, training instructors, HP dosimetry personnel and medical facility staff are responsible for promptly reporting any failure in training, testing or other condition, which would disqualify an emergency responder, to the Protection Services Manager (directly or through EP).

3.7 Each ERO member is responsible for advising the Protection Services Manager (directly or through EP) when changes in status occur that could impact ERO participation.

4.0 DEFINITIONS

4.1 **Annual** - occurring once per calendar year (January 1 through December 31).

4.2 **Duty Call Supervisor (DCS)** - is a specifically designated and trained supervisor responsible for assisting the Emergency Coordinator in making notifications and calls to the Emergency Response Organization.

4.3 **Emergency Plan** - formally known as the St. Lucie Plant Radiological Emergency Plan, establishes the requirements for training the Emergency Response Organization; also referred to as the Plan or E-Plan.

4.4 **Emergency Planning (EP)** - activities undertaken to satisfy the commitments of the Emergency Plan, used interchangeably with Emergency Preparedness.

4.5 **Emergency Response Directory (ERD)** - formally known as the St. Lucie Plant Emergency Response Directory, provides a list of the current (revised on a quarterly basis) Emergency Response Organization personnel.

REVISION NO.:	PROCEDURE TITLE:	PAGE:
7	MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	9 of 38
PROCEDURE NO.:	ST. LUCIE PLANT	
EPIP-12		

4.0 DEFINITIONS (continued)

4.6 Emergency Response Organization (ERO) - personnel trained and qualified to provide specific emergency response functions as defined by their individual positions. Persons can become members of the Emergency Response Organization by following the instructions outlined in this procedure.

4.7 EP Training Review Committee (TRC) - representatives from Emergency Preparedness, Training, and other departments who meet periodically to discuss training issues related to the Emergency Response Organization.

4.8 SAMG - Severe Accident Management Guidelines.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 10 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS

NOTE

- In the event of an emergency, the Emergency Coordinator or Recovery Manager has the authority to assign personnel to positions for which they have not received the required Emergency Plan training, if that action is prudent in order to protect the health and safety of the public and plant personnel.
- The training requirements listed in this procedure are for the purpose of emergency preparedness and are in addition to other training required to hold a position, e.g., Nuclear Plant Supervisor (NPS), Shift Technical Advisor (STA).
- Personnel filling the position of Emergency Coordinator, TSC OPS Coordinator, or RM OPS Advisor should have SRO level knowledge (i.e., current or previous SRO license or SRO equivalent training such as Engineering Management Operations Training (EMOT)).

5.1 Initial Training

NOTE

- Initial Training is intended for personnel who are new to the ERO and is designed to orient the individual to his/her function and responsibilities within the ERO.
- Drill participation is not required prior to qualifying for an ERO position.
- It may be desirable to allow persons filling the following positions to participate in and/or observe their position in a drill prior to being assigned to the ERO:
 - Emergency Coordinator
 - Recovery Manager
 - TSC Supervisor
 - OSC Supervisor
 - TSC Coordinator with the OSC
 - OSC Coordinator with the TSC

§₁

1. Initial Orientation Training (Plant Access Training - PAT) shall be provided to permanently assigned new employees.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 11 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.1 Initial Training (continued)

1. (continued)

A. Training includes information describing:

1. Actions to be taken by an individual who discovers an emergency condition.
2. Location of assembly areas.
3. Identification of emergency alarms.
4. Action to be taken upon hearing alarms.

¶₄

B. PAT Training is conducted in accordance with AP 0005752, Plant Access Training Program.

§_{3,4}

2. Personnel shall complete the Initial Training requirements identified in Attachment 2, ERO Initial Training Matrix, prior to being assigned to the ERO.
3. To become a member of the ERO, an individual should fill out Attachment 1, Emergency Response Organization Change Request.
 - A. Complete the personal information (originator section).
 - B. Obtain Department Head approval.
 - C. Forward the Attachment to Emergency Preparedness Supervisor.
4. Emergency Preparedness (EP) should authorize the training of personnel designated to become new members of the ERO on Attachment 1.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 12 of 38
PROCEDURE NO.: EPIP-12		

5.0 INSTRUCTIONS (continued)

5.1 Initial Training (continued)

5. Training Department personnel should document completion of required training on Attachment 1 and forward to the Emergency Preparedness Supervisor when new members complete the training requirements as identified in Attachment 2, ERO Initial Training Matrix.
6. EP should make changes to the Emergency Recall System (ERS) and the Emergency Response Directory (ERD) upon receipt of Attachment 1 from Technical Training.

END OF SECTION 5.1

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 13 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

NOTE

Retraining is intended to ensure that ERO personnel maintain the level of skill and knowledge necessary to accomplish their emergency duties. Retraining may be accomplished through a combination of programmed instruction and/or participation in drills or exercises.

5.2 Annual Retraining

- §₁ 1. Annual retraining shall be provided at least once per calendar year.
2. The scope of annual retraining should be determined by the EP Training Review Committee and shall be approved by the Training Manager.
- §₄ **A.** Annual retraining shall include a review of any significant changes in the scope or content of the Emergency Plan or applicable Emergency Plan Implementing Procedures.
- §₄ **B.** Annual retraining shall include the training topics identified in Attachment 3, ERO Annual Requalification Matrix.
- §₄ **C.** Additional topics for annual retraining may include, but are not limited to, the following:
- a review of items listed in initial training
 - industry operating experience
 - a review of past drill/exercise performance problems

NOTE

Deviation from this schedule requires the approval of the President, Nuclear Division.

- §₂ **3.** Emergency Response Facility (ERF) drills shall be conducted at least four times per calendar year and should be conducted approximately once each quarter.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 14 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.2 Annual Retraining (continued)

3. (continued)

NOTE

It is the intent of the drill and exercise program that each ERO member have an opportunity to function in his/her position annually.

A. Participation in drills and exercises should be tracked by Emergency Preparedness Supervisor and forwarded to Technical Training.

1. Drill rosters should be reviewed and used to record participants in all Emergency Response Facilities (ERFs) including the Emergency News Center (ENC).
2. Drill critiques should list Players, Controllers, Evaluators, and Observers for each facility.
3. Drill participation should be recorded in the training database.

§4,5

B. Personnel should be rotated through drills and exercises with the goal of having as many as feasible participate in at least one drill or exercise per year. This applies to all ERO members, including those who are NOT in the Nuclear Division.

1. Participation in a drill or exercise shall be recognized if an ERO member functions as a Player.
2. Participation in a drill may be recognized if an ERO member functions as a Controller, Evaluator, or Observer for a position to which that member is normally assigned.
3. Failure to participate in an ERF drill annually may result in remedial training as determined by the Training Manager and Protection Services Manager. Remedial training may include table top sessions or repeat of initial training.

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 15 of 38
PROCEDURE NO.: EPIP-12		

5.0 INSTRUCTIONS (continued)

5.2 Annual Retraining (continued)

4. An individual may complete annual retraining by passing the examination for each topic without attending the class(es).
5. Personnel who teach a class should receive credit for completion of that class at the discretion of the Technical Training Supervisor.

END OF SECTION 5.2

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 16 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

§₄ 5.3 Loss of ERO Qualifications

1. If an individual fails an initial training topic, Then that individual shall not be assigned to the ERO until he/she has successfully met requirements.
2. If an individual fails Plant Access Training (PAT), Radiation Controlled Area Training (RCAT), or fails to maintain qualifications for use of respiratory protection (as specified in Attachment 3), Then he/she shall promptly be removed from the ERO.
3. If an individual fails an annual retraining evaluation, the Training Manager shall notify the Emergency Preparedness Supervisor or designee of the results.
 - A. The individual should then be removed from the ERS and ERD until appropriate remedial training, as recommended by the Training Manager and approved by the Emergency Preparedness Supervisor, has been completed.
4. The individual should complete remedial training at the earliest opportunity. As a minimum, remedial training shall consist of:
 - A. Trainee review of the training session material associated with identified knowledge deficiencies.
 - B. Trainee review of associated reference material identified by the instructor.
 - C. Administration of a second evaluation covering at least the identified deficiencies.
5. If an individual successfully completes a second examination, the individual should receive credit for completion of the required training.

END OF SECTION 5.3

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 17 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.4 Training for Security Personnel

1. Security personnel shall receive initial training and annual retraining for emergency response in accordance with this procedure.

END OF SECTION 5.4

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 18 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.5 Fire Brigade

1. Fire Brigade training is covered by the Fire Protection Plan, AP 180022.

END OF SECTION 5.5

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 19 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

5.0 INSTRUCTIONS (continued)

5.6 Training Exemptions and Substitutions

1. No specific Emergency Plan Training is required for ERO positions whose emergency job functions are similar to normal job functions. Examples of these positions include:
 - A. Emergency News Center / Corporate Communications Staff
 - B. Governmental Affairs Staff
 - C. Risk Manager
 - D. Regulatory Affairs

2. Personnel who participate in a drill or attend annual requalification training at PTN may receive credit/satisfy the requirements for drill participation and/or annual retraining as required by this procedure. ERO positions eligible to receive credit include (but are not limited to):
 - A. Emergency Information Manager (EIM)
 - B. Nuclear Division Duty Officer (NDDO)
 - C. Emergency Control Officer (ECO)

END OF SECTION 5.6

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING	PAGE: 20 of 38
PROCEDURE NO.: EPIP-12	ST. LUCIE PLANT	

**ATTACHMENT 1
EMERGENCY RESPONSE ORGANIZATION CHANGE REQUEST**

O R I G I N A T O R	<table border="1"> <tr> <td>NOTE</td> </tr> <tr> <td>Personnel will not be assigned to an emergency response organization position until required training for that position is completed.</td> </tr> </table>	NOTE	Personnel will not be assigned to an emergency response organization position until required training for that position is completed.
	NOTE		
Personnel will not be assigned to an emergency response organization position until required training for that position is completed.			
<p>Originator: _____ Dept. _____</p> <p><input type="checkbox"/> Add <input type="checkbox"/> Remove <input type="checkbox"/> Change (Circle new info)</p> <p>* Name: _____</p> <p>Soc. Sec. No.: _____</p> <p>* Position number: _____</p> <p>* Position: _____</p> <p>Work Phone: _____</p> <p>Home Phone: _____</p> <p>Pager: _____</p> <p>Other: _____</p>			
D E P T H E A D	<table border="1"> <tr> <td>NOTE</td> </tr> <tr> <td>Non-bargaining unit personnel will not be assigned to a position if they do not have a pager.</td> </tr> </table>	NOTE	Non-bargaining unit personnel will not be assigned to a position if they do not have a pager.
	NOTE		
Non-bargaining unit personnel will not be assigned to a position if they do not have a pager.			
<p>Department Head/Supv. Signature: _____ Date: ___/___/___</p>			
E P	<p>Authorization for ERO training</p> <p>EP Supervisor _____ Date: ___/___/___</p>		
	<p><input checked="" type="checkbox"/> The individual listed above meets the training/qualification requirements of EPIP-12 for the position(s) indicated per the Personnel Qualification Database (PQD).</p> <p><input type="checkbox"/> The individual listed above requires training. Notify the Dept. Head, Dept. Training Coord. (if applicable) and the Technical Training Supervisor.</p> <p>Signature: _____ Date: ___/___/___</p>		
E P	<p><input type="checkbox"/> Pager correctly programmed: Date: ___/___/___ Init.: _____</p>		
	<p><input type="checkbox"/> Emergency Recall System database updated: Date: ___/___/___ Init.: _____</p>		
	<p><input type="checkbox"/> Emergency Response Directory (draft) updated: Date: ___/___/___ Init.: _____</p>		
	<p><input type="checkbox"/> Notifications to ERO: Date: ___/___/___ Init.: _____</p>		
	<p><input checked="" type="checkbox"/> Notification of Personnel Qualification Database (PQD) Administrator Date: ___/___/___ Init.: _____</p>		

* Only information required if removing from ERO (by EP)

END OF ATTACHMENT 1

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 21 of 38
PROCEDURE NO.: EPIP-12		

ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 1 of 9)

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
	Licensed EC					G	G ²	X	X	X	X	X											X		
	STA	X				G			X			X	X	X											
	NLO	X			X	G	G ²										G ²					G ²			
100	DCS	X				G			X	X ¹															
101	Emergency Coordinator	X		X		G		X	X	X	X	X		X									X		X
102	TSC Supervisor	X		X		G			X																
103	TSC HP Supervisor	X		X		G					X												X		
104	TSC Chem. Supervisor	X		X		G				X	X						G	X	X	B					
105	TSC Reactor Engineer	X		X		G								X	X										X

X = Required

B = Accident Chemistry Considerations Module

C = Respirator Only

¹ = Included in ERO Activation training for DCS only:

- Autodialer JPM

- Manual call-out exam

- Simulator practice session with E-Plan events

² = If qualified to hold shift position, Then position meets ERO qualification criteria

E = PSL or PTN Training may be acceptable

G = Training/Requal Frequency IAW other Plant Procedures

H = FFD Pool

D = Included in Emerg. Rad. Monitoring

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 22 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 2 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
106	TSC Communicator	X		X		G			X																
107	TSC EM PST Rep.	X		X		G																			X
108	TSC MM PST Rep.	X		X		G																			X
109	HP Shift Supervisor					G				X															
110	TSC OPS Coordinator	X		X		G		X			X														X
111	TSC Dose Assessor	X		X		G													X	X					
112	TSC HP Communicator	X		X		G										X									
113	TSC SP Phonetalker	X		X		G			X																
114	TSC ERDADS Op.	X		X		G											X								

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 23 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 3 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG		
115	TSC PST Leader	X		X		G																				X	
116	TSC ERDADS Tech	X		X		G											X										
117	TSC I&C PST Rep.	X		X		G																				X	
118	TSC SRO PST Rep.	X		X		G																				X	
119	TSC Security Supv.	X		X		G																	X				
120	TSC Coord. with OSC	X		X		G																					
121	TSC Admin Staff	X		X		G																					
124	TSC EC Assist/Log.	X		X		G		X	X		X																
151	OSC HP Tech.	X			X	G	G			X						X											

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 24 of 38
PROCEDURE NO.: EPIP-12		

ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 4 of 9)

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
152	OSC EM Re-Entry Supv.	X			X	G	G																		
153	OSC I&C Re-Entry Supv.	X			X	G	G																		
154	OSC MM Re-Entry Supv.	X			X	G	G																		
155	OSC Chem. Supv.	X			X	G	G			X								G			B				
156	OSC Electrical Chief	X			X	G	G																		
157	OSC Supervisor	X			X	G																			
158	OSC Coord. with TSC	X			X	G																			
159	OSC HP Supv.	X			X	G				X						X							X		
160	OSC Chemist	X			X	G	G											G			X				

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 25 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 5 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
161	OSC Electrician	X			X	G	G																		
162	OSC Mechanic	X			X	G	G																		
163	OSC I&C Spec.	X			X	G	G																		
165	OSC On-Shift Security Spec.	X			X	G																X			
166	OSC Dosi. Tech.	X			X	G																			
168	OSC MM Foreman	X			X	G	G																		
169	OSC NMM Staff Rep.	X			X	G																			
170	OSC Safety Rep.	X			X	G	G																		

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 26 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 6 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
171	OSC Admin Tech/Log.	X			X	G																			
172	Assembly Area Supv.	X			X	G																	X		
173	OSC OPS Re-Entry Supv.	X			X	G	G																		
174	OSC Prot and Control Rep	X			X	G																			
175	OSC I&C Shop Supv.	X			X	G	G																		
176	Field Mon Team Driver	X			X	G	G/C																		
177	OSC Info Services Rep.	X			X	G																			
200	Recovery Manager	X	X			H			X		X													X	
205	Govt. Affairs Mgr.	X								X															

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 27 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 7 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
209	EOF RM OPS Adv/Log.	X	X			H			X		X													X	
213	EOF ERDADS Op.	X	X			H											X								
216	EOF Status Board Keeper	X	X			H																			
230	EOF Emerg Technical Mgr	X	X			H				X															
231	EOF Project Engineer	X	X			H				X															
232	EOF Mech. Engineer	X	X			H											X								
233	EOF Nuclear Engineer	X	X			H				X							X								
235	EOF Nuc Fuels Eng.	X	X			H								X	X		X								X
236	EOF Civil Engineer	X	X			H																			

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 28 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 8 of 9)**

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
237	EOF I&C Engineer	X	X			H											X								
238	EOF Electrical Engineer	X	X			H											X								
240	EOF HP Manager	X	X			H					X								X	X					
245	EOF Dos Assessor/FMT	X	X			H					X								X	X					
246	EOF HP Tech Support	X	X			H					X								X	X					
247	EOF Rad Stat Bds Keeper	X	X			H																			
250	EOF Nuc. Lic. Mgr.	X	X			H			X																
255	EOF Communicator	X	X			H			X																
260	Emerg. Security Mgr.	X	X			H																			

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ATTACHMENT 2
ERO INITIAL TRAINING MATRIX
(Page 9 of 9)

ERO #	POSITION	Emergency Plan Overview	EOF Responder	TSC Responder	OSC/Re-entry Team	RCA Access	SCBA	Emergency Classification	Emergency Notifications	ERO Activation	PARs	Accident Assess./Corrective Actions	Tech. Spec. Review	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Evacuation & Accountability	Recovery Mgr. Training	SAMG
270	EOF Emerg Info Mgr.	E	E			H				X															
271	NDDO	E	E			H			X	X	X													X	
273	EIM/ENC Tech Advisor	X	X			H																			
280	EOF Admin Supervisor	X	X			H																			
281	EOF Admin Staff	X	X			H																			
291	Governor's Advisor																								
294	St. Lucie Co Tech Adv	X	X			H																			
295	Martin Co Tech Adv	X	X			H																			
300	Emer Control Officer	E	E			H			X	X	X												X		

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 30 of 38
PROCEDURE NO.: EPIP-12		

ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 1 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
	Licensed EC	X			G	G ²	X	X	X	X											
	STA	X			G			X		X	X										
	NLO	X			G	G ²									G ²					G ²	
101	Emergency Coordinator	X			G		X	X	X	X	X										F
102	TSC Supervisor	X			G			X													
103	TSC HP Supervisor	X			G				X												
104	TSC Chem. Supervisor	X			G				X						G	X	X	B/G			
105	TSC Reactor Engineering	X			G						X	X									F
106	TSC Communicator	X			G			X													

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F = SAMG Requal Frequency IAW ADM-11.11
G = Training/Requal Frequency IAW other Plant Procedures
H = FFD Pool

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 31 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 2 of 9)**

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	FCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
107	TSC EM PST Rep.	X			G																F
108	TSC MM PST Rep.	X			G																F
110	TSC OPS Coordinator	X			G		X		X												F
111	TSC Dose Assessor	X			G											X	X				
112	TSC HP Communicator	X			G								X								
113	TSC SP Phonetalker	X			G			X													
114	TSC ERDADS Op.	X			G									X							
115	TSC PST Leader	X			G																F
116	TSC ERDADS Tech	X			G									X							

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H = FFD Pool

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 32 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 3 of 9)**

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
117	TSC I&C PST Rep.	X			G																F
118	TSC SRO PST Rep.	X			G																F
119	TSC Security Supv.	X			G																
120	TSC Coord. with OSC	X			G																
121	TSC Admin Staff	X			G																
124	TSC EC Assist/Log.	X			G		X	X	X												
151	OSC HP Tech.		X		G	G							X								
152	OSC EM Re-Entry Supv.		X		G	G															
153	OSC I&C Re-Entry Supv.		X		G	G															

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F = SAMG Requal Frequency IAW ADM-11.11
G = Training/Requal Frequency IAW other Plant Procedures
H = FFD Pool

REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 33 of 38
PROCEDURE NO.: EPIP-12		

**ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX**
(Page 4 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
154	OSC MM Re-Entry Supv.		X		G	G															
155	OSC Chem. Supv.		X		G	G									G			B/G			
156	OSC Electrical Chief		X		G	G															
157	OSC Supervisor		X		G																
158	OSC Coord. with TSC		X		G																
159	OSC HP Supv.		X		G								X								
160	OSC Chemist		X		G	G									G			G			
161	OSC Electrician		X		G	G															
162	OSC Mechanic		X		G	G															

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ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 5 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
163	OSC I&C Spec.		X		G	G															
165	OSC On-Shift Security (LTs)		X		G																
166	OSC Dosi. Tech.		X		G																
168	OSC MM Foreman		X		G	G															
169	OSC NMM Staff Rep.		X		G																
170	OSC Safety Rep.		X		G	G															
171	OSC Admin Tech/Log.		X		G																
172	Assembly Area Supv.		X		G																

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 35 of 38
PROCEDURE NO.: EPIP-12		

ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 6 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PARs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
173	OSC OPS Re-Entry Supv.		X		G																
174	OSC Prot and Control Rep		X		G																
175	OSC I&C Shop Supv.		X		G	G															
176	Field Mon Team Driver		X		G	G/C															
178	OSC Info Services Rep.		X		G																
200	Recovery Manager			X	H			X	X											X	
205	Govt. Affairs Mgr.			X																	
209	EOF RM OPS Adv/Log.			X	H			X	X											X	
213	EOF ERDADS Op.			X	H									X							

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REVISION NO.: 7	PROCEDURE TITLE: MAINTAINING EMERGENCY PREPAREDNESS - RADIOLOGICAL EMERGENCY PLAN TRAINING ST. LUCIE PLANT	PAGE: 36 of 38
PROCEDURE NO.: EPIP-12		

ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 7 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PAFs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
216	EOF Status Board Keeper			X	H																
230	EOF Emerg Technical Mgr			X	H																
231	EOF Project Engineer			X	H																
232	EOF Mech. Engineer			X	H									X							
233	EOF Nuclear Engineer			X	H									X							
235	EOF Nuc Fuels Eng.			X	H						X	X		X							F
236	EOF Civil Engineer			X	H																
237	EOF I&C Engineer			X	H																
238	EOF Electrical Engineer			X	H																

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ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 8 of 9)

ERO #	POSITION	TSC Annual Update	OSC Annual Update	EOF Annual Update	RCA Access	SCBA	Emergency Classification	Emergency Notifications	PAFs	Accident Assess./Corrective Actions	Core Melt Scenario	Core Damage Assessment	Emergency Rad. Monitoring	ERDADS Operations	FAPDT	Ventilation Systems	OSDC	PASS	Fire Brigade	Recovery Mgr. Training	SAMG
240	EOF HP Manager			X	H				X							X	X				
245	EOF Dose Assessor/FMT			X	H				X							X	X				
246	EOF HP Tech Support			X	H				X							X	X				
247	EOF Rad Stat Bds Keeper			X	H																
250	EOF Nuc. Lic. Mgr.			X	H			X													
255	EOF Communicator			X	H			X													
260	Emerg. Security Mgr.			X	H																
270	EOF Emerg Info Mgr.			E	H																
271	NDDO			E	H			X	X											X	

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ATTACHMENT 3
ERO ANNUAL REQUALIFICATION MATRIX
(Page 9 of 9)

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273	EIM/ENC Tech Advisor			X	H																
280	EOF Admin Supervisor			X	H																
281	EOF Admin Staff			X	H																
291	Governor's Advisor																				
294	St. Lucie Co Tech Advisor			X	H																
295	Martin Co Tech Advisor			X	H																
300	Emergency Control Officer			E	H			X	X											X	

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 E = PSL or PTN Training May be Acceptable
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END OF ATTACHMENT 3