



February 24, 2003

L-2003-046
10 CFR 50 Appendix E

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

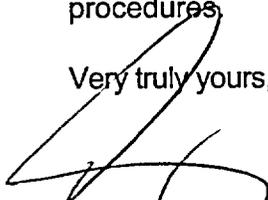
Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Emergency Plan Implementing Procedures

In accordance with 10 CFR 50 Appendix E, enclosed is a copy of the revised procedures that implement the St. Lucie Plant Radiological Emergency Plan.

<u>Number</u>	<u>Title</u>	<u>Revision</u>	<u>Implementation Date</u>
EPIP-02	Duties And Responsibilities Of The Emergency Coordinator	11	February 18, 2003
HP-205	Emergency In-Plant Air Sampling	7A	February 17, 2003
HP-208	Personnel Decontamination During Emergencies	7B	February 18, 2003

EPIP-02 Revision 11 incorporated a plant change request (PCR) to clarify guidance regarding multiple events, added a step to the Site Area Emergency (SAE) checklist, and reordered the plant announcement step. HP-205 Revision 7A was revised to add clarification and update titles. HP-208 Revision 7B incorporated a PCR to add HP-207 to the references and made administrative/editorial changes. Please contact us if there are any questions regarding these procedures.

Very truly yours,



Donald E. Jernigan
Vice President
St. Lucie Plant

DEJ/tt

Enclosures

A045



FPL

ST. LUCIE PLANT

EMERGENCY PLAN IMPLEMENTING PROCEDURE

SAFETY RELATED

Procedure No.

EPIP-02

Current Revision No.

11

Effective Date

02/18/03

Title:

DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR

Responsible Department: **EMERGENCY PLANNING**

REVISION SUMMARY:

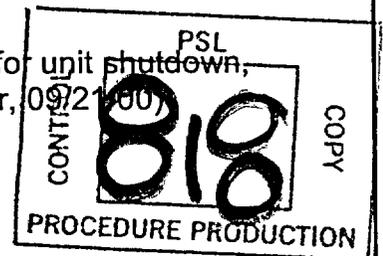
Revision 11 - Incorporated PCR #03-0024 for MAI MA 02-12-041 to clarify guidance regarding multiple events, add step to SAE checklist, and reorder plant announcement step. (J. Walker, 02/07/03)

Revision 10 - Clarified duties of DCS as phonetalker. Clarified checklists regarding steps not necessary in TSC. Made editorial/administrative changes. (J. R. Walker, 07/26/02)

Revision 9 – **THIS PROCEDURE HAS BEEN COMPLETELY REWRITTEN.** Added responsibility for information services to update checklists in CRs, deleted basis of exposure guidelines, added statement on EC coverage during a prolonged event, deleted emergency declaration checklist, revised emergency class checklists, added reference to EPIP-07 and made editorial and administrative changes. (J. R. Walker, 06/11/01)

Revision 8 - Revised off-site assembly area to Jensen public beach parking area in accordance with revision 38 of the E-Plan and made administrative changed. (J. R. Walker, 10/13/00)

Revision 7 - Deleted policy reference per PMAI, clarified windspeed for unit shutdown, revised re-entry guidelines and made editorial changes. (J. R. Walker, 09/21/00)



Revision	FRG Review Date	Approved By	Approval Date	S__OPS
0	12/15/97	J. Scarola Plant General Manager	12/15/97	DATE DOCT DOCN SYS COM ITM
11	02/06/03	R. E. Rose Plant General Manager N/A Designated Approver N/A Designated Approver (Minor Correction)	02/07/03	PROCEDURE EPIP-02 COMPLETED 11

REVISION NO : 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 2 of 36
PROCEDURE NO : EPIP-02		

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 PURPOSE.....	3
2.0 REFERENCES / RECORDS REQUIRED / COMMITMENT DOCUMENTS...	3
3.0 RESPONSIBILITIES.....	5
4.0 DEFINITIONS.....	6
5.0 INSTRUCTIONS	7
5.1 General Overview	7
5.2 Unusual Event Declaration Checklist.....	11
5.3 Alert Declaration Checklist.....	14
5.4 Site Area Emergency Declaration Checklist	19
5.5 General Emergency Declaration Checklist	25
 <u>ATTACHMENTS</u>	
ATTACHMENT 1 INITIAL NOTIFICATION FLOW	31
ATTACHMENT 2 CRITERIA FOR EVACUATION	32
ATTACHMENT 3 TURNOVER GUIDELINES	33
ATTACHMENT 4 FIELD OPERATOR RE-ENTRY GUIDELINES	35
ATTACHMENT 5 EXPOSURE LIMITS FOR EMERGENCY RESPONSE PERSONNEL	36

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 3 of 36
PROCEDURE NO EPIP-02		

1.0 PURPOSE

- 1.1 This procedure provides guidance and instructions to be followed by the Emergency Coordinator when an emergency occurs that requires the implementation of the Radiological Emergency Plan for 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, Operating Experience, License Renewal, 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.

Ψ Indicates a step that requires a sign off on an attachment.

2.1 References

1. St. Lucie Plant Updated Final Safety Analysis Report (UFSAR) Unit 1 and Unit 2 (Section 9.5.A.7.2)
2. §₁ St. Lucie Plant Radiological Emergency Plan (E-Plan)
3. St. Lucie Plant Physical Security Plan
4. St. Lucie Plant Safeguards Contingency Plan
5. E-Plan Implementing Procedures (EPIP 00-13)
6. 10 CFR 50, Domestic Licensing of Production and Utilization Facilities.
7. NUREG/BR-0150, Vol. 1, Response Technical Manual (USNRC).
8. NUREG-0654, FEMA-REP-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.
9. EPA 400-R-92-001, Manual of Protective Actions Guides and Protective Actions for Nuclear Incidents, October, 1991.

REVISION NO. 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 4 of 36
PROCEDURE NO. EPIP-02		

2.2 Records Required

¶10 A copy of the checklists or data generated by this procedure shall be maintained in the plant files in accordance with QI-17-PSL-1, Quality Assurance Records. Records include:

1. Emergency Class Checklists

2.3 Commitment Documents

1. ¶1 PMAI PM96-04-165, "ITR 96-006" (Unusual Event Declared Due to Dropped Rod)
2. ¶2 NRC Inspection Report 91-01, Closure of IFIs 89-31-03 and 89-31-01
3. ¶3 PMAI PM96-09-185, Condition Report CR-96-1750 (Off-site Notification Using Commercial Phone)
4. ¶5 PMAI PM96-05-233, (Off-site Notification Process).
5. ¶6 Condition Report CR 96-2389, (Off-site Dose Calculations).
6. ¶7 Condition Report CR 98-1536 (EC Responsibilities Remain in the Control Room).
7. ¶8 PMAI PM98-09-006 (Control of NLOs Under E-Plan).
8. ¶9 Condition Report CR 99-1406 (Field Operator Dosimetry Under E-Plan).
9. ¶10 PMAI PM99-10-191, Condition Report CR 99-1656 (Quality Records, Downpower Guidance Due to Hurricanes).
10. ¶11 PMAI PM99-10-142, Condition Report CR 99-1647 (EC Turnover).
11. ¶12 PMAI PM99-09-016, (PARs Based on FMT Data, Completion of NRC Notification Form).
12. ¶13 PMAI PM00-01-043, (Gai-Tronics E-Plan Alarm).
13. ¶14 PMAI PM00-03-122, (Early Activation of ERFs).
14. ¶15 Condition Report CR 02-0333, (Role of the Duty Call Supervisor).

REVISION NO. 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 5 of 36
PROCEDURE NO.: EPIP-02		

3.0 RESPONSIBILITIES

3.1 The Nuclear Plant Supervisor (NPS) and the shift operating staff represent the first line of response to any developing emergency condition. The primary responsibility of the NPS is to control the condition as well as possible.

3.2 The NPS upon declaration of an emergency classification becomes the Emergency Coordinator (EC). The NPS remains the EC until the position is turned over.

Specific Responsibilities of the EC are:

Direction of the on-site emergency organization to bring the emergency under control.

Notification of off-site agencies within specific time limits as mandated by regulations.

Changes in Emergency Classification based on changing conditions.

Protective Action Recommendations (PARs) until turnover to the Recovery Manager.

Interfaces with the Nuclear Regulatory Commission (NRC) Reactor Safety Operations Coordinator (RSOC) when the NRC site team arrives at the TSC.

3.3 Information Services maintains user copies, in the Unit 1 and Unit 2 Control Rooms, of the following checklists used for implementing the Emergency Plan:

- Unusual Event Declaration Checklist
- Alert Declaration Checklist
- Site Area Emergency Declaration Checklist
- General Emergency Declaration Checklist

REVISION NO : 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 6 of 36
PROCEDURE NO.: EPIP-02		

4.0 DEFINITIONS

4.1 §1 **Duty Call Supervisor (DCS)** – The Duty Call Supervisor is a designated and trained supervisor assigned from the nuclear plant staff to provide 24-hour response to any emergency upon notification by the Nuclear Plant Supervisor. The Duty Call Supervisor (DCS) is responsible for notifying the Emergency Response Organization and, as requested, Plant management in the event of an emergency.

4.2 **Owner Controlled Area Evacuation (= Site Evacuation)** - The evacuation from the owner controlled area of all personnel except those required to place the plant in a safe condition, the Emergency Response Organization (ERO), and Security personnel to fulfill responsibilities for evacuation.

4.3 Release (during any declared emergency)

1. Any effluent monitor increase of (approximately) 10 times or one decade above pre-transient values.

OR

2. Health Physics detecting airborne radioactivity levels in excess of 25% derived air concentration (DAC) outside of plant buildings due to failure of equipment associated with the declared emergency.

REVISION NO. 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 7 of 36
PROCEDURE NO. EPIP-02		

5.0 INSTRUCTIONS

5.1 General Overview

1. ¶7.11 Upon Declaration of an emergency classification the NPS becomes the EC.

To ensure access to the EC for direction and control decisions and so that the responsibilities of the position can be successfully completed, the EC position shall remain, initially in the affected Control Room and then in the Technical Support Center (TSC), when it goes operational.

Prior to the TSC being operational or in cases when there is a prolonged event such as a hurricane, the duties and responsibilities of the EC, while a Control Room position, may be turned over to another qualified EC:

CAUTION

There can NOT be two concurrent declared emergency classes under the St. Lucie Plant Radiological Emergency Plan.

- If the site is in a dual Unit event, the EC should locate in the Unit 1 Control Room (due to proximity to the TSC). If both units are experiencing independent and classifiable conditions, the EC should locate in the Unit Control Room with the [highest] classified event.

If the TSC is activated, Then the EC position is turned over to an EC qualified member of plant management and the position relocated to the TSC. The prospective EC receives a turnover (refer to Attachment 3, Turnover Guidelines) from the Control Room EC and then reports to the TSC. Following verification of TSC operational readiness, the prospective EC accepts EC responsibility from the Control Room EC. The TSC EC may temporarily turnover responsibility to the TSC OPS Coordinator as the need arises.

2. To meet the above responsibilities, plus others described in this procedure, the EC will likely need to delegate many tasks. Although delegated, the completion of these tasks is still the responsibility of the EC.

The EC shall not delegate the following responsibilities prior to Emergency Operations Facility (EOF) being declared operational:

- A. Classification of the emergency.

REVISION NO.: 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 8 of 36
PROCEDURE NO : EPIP-02		

5.1 General Overview (continued)

2. (continued)

- B.** The decision to notify state and local authorities and the content of those notifications.
- C.** Recommendation of protective actions for the public.

Once the EOF is operational and proper turnover has been conducted, the Recovery Manager (RM) will assume responsibility for off-site notifications to the state and local authorities and for recommending off-site protective actions.

3. Order of Succession

If the NPS is incapacitated, Then the EC shall be (in order of succession):

- A.** Assistant Nuclear Plant Supervisor (ANPS) (from the affected unit)
- B.** Nuclear Watch Engineer (NWE)
- C.** Any other member of the plant staff with an active SRO license.

4. Watch Relief

- A.** The EC shall grant permission for watch relief, including his/her own, only when it is safe in his/her judgement to do so.

5. ¶14 Early Activation of Emergency Response Facilities

It may be useful to have technical and/or operational support available early in an emergency prior to when the Technical Support Center (TSC), Operational Support Center (OSC), or Emergency Operations Facility (EOF) is required to be operational. Activation of any of these facilities does not require declaration of an emergency class or entry into a specific emergency classification. If early activation of one or more of the facilities is desired, then follow these guidelines:

- A.** This is an option during normal working hours only.
- B.** A page announcement should be made to request that appropriate Emergency Response Organization personnel to report to the [identify what facility/facilities is/are to be activated early].

REVISION NO : 11	PROCEDURE TITLE. DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 9 of 36
PROCEDURE NO : EPIP-02		

5.1 General Overview (continued)

5. (continued)

- C.** Turnover of EC responsibilities is done in accordance with Step 5.1.1, above.
- D.** The E-Plan Activation Alarm is used only when the Emergency Response Facilities (ERFs) are to be activated in accordance with the requirements of the Emergency Plan (i.e., at the Alert or higher emergency level) and is provided for in the checklist included in this procedure.
- E.** Staff augmentation due to actual facility activation is to be done in accordance with the Alert Declaration Checklist, Site Area Emergency Declaration Checklist or the General Emergency Declaration Checklist which are part of this procedure.

6. Security Event

- A.** Site security and Local Law Enforcement (LLEA) will take the lead in response to a Security Event in accordance with the Security Plan.
- B.** Based on the nature of the Security Event and as conditions warrant, the Emergency Coordinator may delay, postpone or institute special arrangements concerning, but not limited to:
 - Emergency Response Facility (ERF) activation
 - Local or Site Evacuation
 - Site or Radiation Controlled Area (RCA) access
 - Operator field activities
 - Unit shutdown

7. Severe Weather Considerations

- ¶10 If a hurricane warning is in effect, and either one or both Unit(s) is/are in Mode 1, 2 or 3, Then use the following criteria for unit shutdown:

REVISION NO : 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 10 of 36
PROCEDURE NO : EPIP-02		

5.1 General Overview (continued)

7. (continued)

NOTE
Sustained hurricane force winds are sustained winds of 74 mph (64 kt or 119 kph) or greater.

- A. For storms projected to reach a Category 1 or 2, the Unit(s) shall be placed in HOT STANDBY (Mode 3) or below at least two (2) hours before the projected onset of sustained hurricane force winds within the Owner Controlled Area and both Units shall remain off-line for the duration of the hurricane force winds (or restoration of reliable offsite power).
- B. For storms projected to reach Category 3, 4 and 5 prior to landfall, the Units shall be shut down to a temperature less than 350 degrees T ave. at least two (2) hours before the projected onset of sustained hurricane force winds within the Owner Controlled Area and both Units shall remain off-line for the duration of the hurricane force winds (or restoration of reliable offsite power).
- C. Establish an acceptable update frequency with state and local officials.

8. Drill Messages

- A. During exercises, drills, or tests, **ALL MESSAGES** shall begin and end with **THIS IS A DRILL** or **THIS IS AN EXERCISE** or **THIS IS A TEST**.

END OF SECTION 5.1

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 11 of.36
PROCEDURE NO EPIP-02		

5.2 Unusual Event Declaration Checklist

TIME / INITIAL

Date: ___ / ___ / ___

CAUTION

Notification to the State Warning Point (SWP) shall occur within 15 minutes of declaration of the emergency classification.

NOTE

- Steps should be performed in the order presented. When conditions warrant, steps may be performed out of sequence.
- PA announcements are provided as a guideline. Actual announcements may vary from the text provided.
- Not Applicable (N/A) may be used for tasks / steps previously accomplished / satisfied.

1. Determine the following:

- A. Shift Technical Advisor (STA) present Y / N
- B. Duty Call Supervisor (DCS) present Y / N
- C. Wind direction (from) ___ °

NOTE

During any declared emergency, a release is occurring if one of the following is true:

- Any effluent monitor increase of (approximately) 10 times or one decade above pre-transient values.

OR

- Health Physics detecting airborne radioactivity levels in excess of 25 percent Derived Air Concentration (DAC) outside of plant buildings due to failure of equipment associated with the declared emergency.

- D. Release in progress Y / N ___ / ___

2. Mobilize emergency team personnel (i.e., Fire Team, First Aid Team) as required using Gai-tronics and boost function. ___ / ___

REVISION NO 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 12 of 36
PROCEDURE NO EPIP-02		

5.2	Unusual Event Declaration Checklist (continued)	TIME / INITIAL
3.	The NPS shall declare the emergency to the Control Room staff and formally announce that he / she is the Emergency Coordinator.	___/___
4.	Notify plant personnel using Gai-tronics and boost function as follows: "Attention all plant personnel, Unit <u>1 / 2</u> has declared an UNUSUAL EVENT. All personnel are to limit radio and phone use and listen for future instructions and further information." Repeat the announcement.	___/___
5.	Notify the Shift Technical Advisor and the Duty Call Supervisor to report to the Control Room using Gai-tronics and boost function. (N/A if already performed) "Shift Technical Advisor report to the Unit <u>1 / 2</u> Control Room." "Duty Call Supervisor report to the Unit <u>1 / 2</u> Control Room."	___/___ ___/___
6.	¶ ₆ <u>If</u> a release of radioactive material has occurred or is in progress, <u>Then</u> notify Chemistry to promptly implement EPIP-09, Off-site Dose Calculations, and report the results to the Emergency Coordinator (EC).	___/___
7.	<u>If</u> a Chemist is unavailable, <u>Then</u> call-out a Chemist (this may be accomplished by the DCS).	___/___
8.	<u>If</u> evacuation of an area is necessary (refer to Attachment 2, Criteria for Evacuation), <u>Then</u> initiate a local evacuation.	___/___
9.	¶ ₁₅ Complete required notifications in accordance with Appendix A, Notifications from the Affected Control Room, in EPIP-08, Off-site Notifications and Protective Action Recommendations. The DCS may be utilized as a phonetalker. State Warning Point NRC	___/___ ___/___

REVISION NO: 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE. 13 of 36
PROCEDURE NO EPIP-02		

5.2 Unusual Event Declaration Checklist (continued) TIME / INITIAL

10. Ensure notification of the following: (this may be accomplished by the DCS)
- Plant Management _ / _
 - Security _ / _
 - Nuclear Division Duty Officer (NDDO) _ / _
11. Utilize Attachment 3, Turnover Guidelines when relinquishing duties to the oncoming EC. _ / _

NOTE

¶₂ New notification forms shall be completed for all updates.

12. ¶₁₅ If a State / Local notification frequency has been negotiated, Then provide an update, as necessary utilizing a new notification form. The DCS may be utilized as a phonetalker. (Repeat as necessary) _ / _
- _ / _
- _ / _
- _ / _
- _ / _
- _ / _
13. If the event can be terminated, Then complete the notification forms (State, NRC) and notify the following: (this may be accomplished by the DCS)
- State Warning Point (SWP) _ / _
 - Plant Management _ / _
 - Security _ / _
 - NDDO _ / _
 - NRC _ / _
14. UNUSUAL EVENT Declaration Checklist complete (emergency upgraded or event terminated). _ / _

END OF SECTION 5.2

REVISION NO : 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 14 of 36
PROCEDURE NO : EPIP-02		

5.3 Alert Declaration Checklist

TIME / INITIAL

Date: ___/___/___

CAUTION

Notification to the State Warning Point (SWP) shall occur within 15 minutes of declaration of the emergency classification.

NOTE

- Steps should be performed in the order presented. When conditions warrant, steps may be performed out of sequence.
- PA announcements are provided as a guideline. Actual announcements may vary from the text provided.
- For assistance with exposure control, refer to:
 - Attachment 4, Field Operator Re-entry Guidelines
 - Attachment 5, Exposure Limits for Emergency Response Personnel
- Not Applicable (N/A) may be used for tasks / steps previously accomplished / satisfied.

1. Determine the following:

- | | | |
|----|---------------------------------------|-------|
| A. | Shift Technical Advisor (STA) present | Y / N |
| B. | Duty Call Supervisor (DCS) present | Y / N |
| C. | Wind direction (from) | ____° |

REVISION NO. 11	PROCEDURE TITLE. DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE. 15 of 36
PROCEDURE NO. EPIP-02		

5.3 Alert Declaration Checklist (continued)

TIME / INITIAL

1. (continued)

NOTE

During any declared emergency, a release is occurring if one of the following is true:

- Any effluent monitor increase of (approximately) 10 times or one decade above pre-transient values.

OR

- Health Physics detecting airborne radioactivity levels in excess of 25 percent Derived Air Concentration (DAC) outside of plant buildings due to failure of equipment associated with the declared emergency.

- | | | | |
|----|---|-------|-------|
| D. | Release in progress | Y / N | |
| E. | E-Plan Alarm sounded and Emergency Response Facilities (ERFs) activated | Y / N | _ / _ |
| 2. | Mobilize emergency team personnel (i.e., Fire Team, First Aid Team) as required using Gai-tronics and boost function. | | _ / _ |
| 3. | The NPS shall declare the emergency to the Control Room staff and formally announce that he / she is the Emergency Coordinator. | | _ / _ |
| 4. | ¶ ₂ <u>If</u> a release of radioactive material is in progress, <u>Then</u> review personnel access with Health Physics personnel and notify Security personnel with any special instructions. | | _ / _ |
| 5. | ¶ ₁₃ Sound the Emergency Plan (E-Plan) Activation Alarm. | | _ / _ |

REVISION NO 11	PROCEDURE TITLE. DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 16 of 36
PROCEDURE NO.: EPIP-02		

5.3 Alert Declaration Checklist (continued)	<u>TIME / INITIAL</u>
6. Notify plant personnel using Gai-tronics and boost function as follows:	
"Attention all plant personnel, Unit <u>1 / 2</u> has declared an ALERT. All emergency response personnel report at once to your assigned emergency response facility."	
"All non-emergency response personnel report to your normal work location or contact your supervisor. Please limit radio and phone use and listen for further instructions and further information."	
Repeat the announcement.	___/___
7. Notify the Shift Technical Advisor and the Duty Call Supervisor to report to the Control Room using Gai-tronics and boost function. (N/A if already performed)	
"Shift Technical Advisor report to the Unit <u>1 / 2</u> Control Room."	___/___
"Duty Call Supervisor report to the Unit <u>1 / 2</u> Control Room."	___/___
8. Initiate the call-out process in accordance with EPIP-03, Emergency Response Organization Notification / Staff Augmentation (this may be accomplished by the DCS).	___/___
9. ¶ ₆ <u>If</u> a release of radioactive material has occurred or is in progress, <u>Then</u> notify Chemistry to promptly implement EPIP-09, Off-site Dose Calculations, and report the results to the Emergency Coordinator (EC).	___/___
10. <u>If</u> a Chemist is unavailable, <u>Then</u> call-out a Chemist (this may be accomplished by the DCS).	___/___
11. <u>If</u> evacuation of an area is necessary (refer to Attachment 2, Criteria for Evacuation), <u>Then</u> initiate a local evacuation.	___/___

REVISION NO 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 17 of 36
PROCEDURE NO.: EPIP-02		

5.3 Alert Declaration Checklist (continued) TIME / INITIAL

12. ¶15 Complete required notifications in accordance with Appendix A, Notifications from the Affected Control Room, in EPIP-08, Off-site Notifications and Protective Action Recommendations. The DCS may be utilized as a phonetalker.
- State Warning Point _ / _
- NRC _ / _
13. Ensure notification of the following: (this may be accomplished by the DCS)
- Plant Management _ / _
- Security _ / _
- Nuclear Division Duty Officer (NDDO) _ / _
14. Initiate the Operations Department Accountability Aid for both Unit 1 and Unit 2 and provide this list to the TSC when requested. (this may be accomplished by the DCS) _ / _
15. ¶9 Ensure Operations field personnel return to their assigned Control Room and obtain emergency Electronic Personal Dosimetry (EPD) from the HP Emergency Kit. _ / _
16. Utilize Attachment 3, Turnover Guidelines when relinquishing duties to the oncoming EC. _ / _

NOTE

¶2 New notification forms shall be completed for all updates.

17. ¶15 If State / Local notification has not been completed in the last 60 minutes, Then provide a routine update utilizing a new notification form. The DCS may be utilized as a phonetalker. (Repeat as necessary) _ / _
- _ / _
- _ / _
- _ / _
- _ / _

REVISION NO.: 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 18 of 36
PROCEDURE NO. EPIP-02		

5.3 Alert Declaration Checklist (continued)

TIME / INITIAL

18. If the event can be terminated, Then complete the notification forms (State, NRC) and notify the following: (this may be accomplished by the DCS)

State Warning Point (SWP)

___/___

Plant Management

___/___

Security

___/___

NDDO

___/___

NRC

___/___

19. ALERT Declaration Checklist complete (emergency upgraded or event terminated).

___/___

END OF SECTION 5.3

REVISION NO : 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 20 of 36
PROCEDURE NO : EPIP-02		

5.4 Site Area Emergency Declaration Checklist (continued)

TIME / INITIAL

1. (continued)

NOTE

During any declared emergency, a release is occurring if one of the following is true:

- Any effluent monitor increase of (approximately) 10 times or one decade above pre-transient values.

OR

- Health Physics detecting airborne radioactivity levels in excess of 25 percent Derived Air Concentration (DAC) outside of plant buildings due to failure of equipment associated with the declared emergency.

D. Release in progress Y / N

* E. E-Plan Alarm sounded and Emergency Response Facilities (ERFs) activated Y / N

F. Site evacuated Y / N

G. Site accountability Not Requested / In Progress / Complete

2. Mobilize emergency team personnel (i.e., Fire Team, First Aid Team) as required using Gai-tronics and boost function. /

3. The NPS shall declare the emergency to the facility staff and, as necessary, formally announce that he / she is the Emergency Coordinator. /

4. ¶₁₂ If a release of radioactive material is in progress, Then review personnel access with Health Physics personnel and notify Security personnel with any special instructions. /

5. ¶₁₃ Sound the Emergency Plan (E-Plan) Activation Alarm. (N/A if already performed) /

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 21 of 36
PROCEDURE NO EPIP-02		

5.4 Site Area Emergency Declaration Checklist (continued) TIME / INITIAL

- 6. Notify plant personnel using Gai-tronics and boost function as follows: (N/A if facilities already activated)

"Attention all plant personnel, Unit 1 / 2 has declared a SITE AREA EMERGENCY. All emergency response personnel report at once to your assigned emergency response facility."

Repeat the announcement. _ / _
- 7. If a SITE AREA EMERGENCY plant announcement has NOT been made, Then notify plant personnel using Gai-tronics and boost function:

"Attention all plant personnel, Unit 1 / 2 has declared a SITE AREA EMERGENCY."

Repeat the announcement. _ / _
- * 8. Notify the Shift Technical Advisor and the Duty Call Supervisor to report to the Control Room using Gai-tronics and boost function. (N/A if already performed)

"Shift Technical Advisor report to the Unit 1 / 2 Control Room." _ / _

"Duty Call Supervisor report to the Unit 1 / 2 Control Room." _ / _

/R11 /R11 /R11

REVISION NO: 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 22 of 36
PROCEDURE NO: EPIP-02		

5.4 Site Area Emergency Declaration Checklist (continued) TIME / INITIAL

NOTE
Site Evacuation Guidance

No release of radioactive material – send personnel home.

Current or prior release of radioactive material send personnel to the off-site assembly area.

- North to Jaycee Park if wind is from 271° through 145° (clock-wise direction)
- South to Jensen Public Beach Parking Area if wind is from 146° through 270° (clock-wise direction)

9. Sound the Site Evacuation Alarm. (N/A if already performed) ___/___

10. Notify plant personnel using Gai-tronics and boost function as follows: (N/A if already performed)

“Attention all non-emergency response plant personnel, you are directed to commence evacuation of the Owner Controlled Area, report to your vehicles and (Choose one):

Proceed to your homes.

OR

Proceed North / South away from the plant to Jaycee Park / Jensen Public Beach Parking Area for contamination check, accountability and further instructions.”

Repeat the announcement. ___/___

* 11. Initiate the call-out process in accordance with EPIP-03, Emergency Response Organization Notification / Staff Augmentation. (this may be accomplished by the DCS) (N/A if already performed) ___/___

12. ¶6 If a release of radioactive material has occurred or is in progress, Then notify Chemistry to promptly implement EPIP-09, Off-site Dose Calculations, and report the results to the Emergency Coordinator (EC). ___/___

REVISION NO . 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 23 of 36
PROCEDURE NO.: EPIP-02		

5.4	Site Area Emergency Declaration Checklist (continued)	<u>TIME / INITIAL</u>
13.	If a Chemist is unavailable, <u>Then</u> call-out a Chemist (this may be accomplished by the DCS).	___/___
14.	¶ ₁₅ Complete required notifications in accordance with Appendix A, Notifications from the Affected Control Room, in EPIP-08, Off-site Notifications and Protective Action Recommendations. The DCS may be utilized as a phonetalker.	
	State Warning Point	___/___
	NRC	___/___
15.	Ensure notification of the following: (this may be accomplished by the DCS)	
	Plant Management	___/___
	Security	___/___
	Nuclear Division Duty Officer (NDDO)	___/___
* 16.	Initiate the Operations Department Accountability Aid for both Unit 1 and Unit 2 and provide this list to the TSC when requested. (this may be accomplished by the DCS) (N/A if already performed)	___/___
* 17.	¶ ₉ Ensure Operations field personnel return to their assigned Control Room and obtain emergency Electronic Personal Dosimetry (EPD) from the HP Emergency Kit. (N/A if already performed)	___/___
18.	¶ ₈ Direct all Non-licensed Operators (NLOs), from both Units to report to the OSC (<u>when operational</u>) following evacuation of the Owner Controlled Area and completion of immediate Operator actions.	___/___
19.	Verify with Security that the evacuation of the Owner Controlled Area has been completed and all personnel have been accounted for.	___/___

REVISION NO.: 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 24 of 36
PROCEDURE NO. EPIP-02		

5.4 Site Area Emergency Declaration Checklist (continued) TIME / INITIAL

20. Notify off-site agencies when evacuation is complete: (N/A if already performed)
- State Warning Point _ / _
- NRC _ / _
21. Utilize Attachment 3, Turnover Guidelines when relinquishing duties to the oncoming EC. _ / _

NOTE

¶₂ New notification forms shall be completed for all updates.

22. ¶₁₅ If State / Local notification has not been completed in the last 60 minutes, Then provide a routine update utilizing a new notification form. The DCS may be utilized as a phonetalker. (Repeat as necessary) _ / _
- _ / _
- _ / _
- _ / _
- _ / _
- _ / _
23. Turnover off-site interface responsibilities (notifications and Protective Action Recommendations (PARs)) to the Recovery Manager (RM) when the EOF goes operational. _ / _
24. At the direction of the RM, coordinate termination of the emergency and initiation of recovery planning. _ / _
25. SITE AREA EMERGENCY Declaration Checklist complete (emergency upgraded or event terminated). _ / _

END OF SECTION 5.4

REVISION NO: 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 25 of 36
PROCEDURE NO: EPIP-02		

5.5 General Emergency Declaration Checklist

TIME / INITIAL

Date: ___ / ___ / ___

CAUTION

- Protective Action Recommendations (PARs) are required for a General Emergency.
- Notification to the State Warning Point (SWP) shall occur within 15 minutes of declaration of the emergency classification.

NOTE

- Steps should be performed in the order presented. When conditions warrant, steps may be performed out of sequence.
- Steps with an asterisk are NOT applicable in the TSC.
- The DSC is available in the Control Room only.
- All Gai-tronics alarms and announcements require Control Room assistance.
- PA announcements are provided as a guideline. Actual announcements may vary from the text provided.
- For assistance with exposure control, refer to:
 - Attachment 4, Field Operator Re-entry Guidelines
 - Attachment 5, Exposure Limits for Emergency Response Personnel
- Not Applicable (N/A) may be used for tasks / steps previously accomplished / satisfied.

1. Determine the following:

- * A. Shift Technical Advisor (STA) present Y / N
- * B. Duty Call Supervisor (DCS) present Y / N
- C. Wind direction (from) ___°

REVISION NO. 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 26 of 36
PROCEDURE NO EPIP-02		

5.5 General Emergency Declaration Checklist (continued)

TIME / INITIAL

1. (continued)

NOTE

During any declared emergency a release is occurring if one of the following is true:

- Any effluent monitor increase of (approximately) 10 times or one decade above pre-transient values.

OR

- Health Physics detecting airborne radioactivity levels in excess of 25 percent Derived Air Concentration (DAC) outside of plant buildings due to failure of equipment associated with the declared emergency.

D. Release in progress Y / N

* E. E-Plan Alarm sounded and Emergency Response Facilities (ERFs) activated Y / N

F. Site Evacuation Alarm sounded and site evacuated Y / N

G. Site accountability Not Requested / In Progress / Complete

2. Mobilize emergency team personnel (i.e., Fire Team, First Aid Team) as required using Gai-tronics and boost function. /

3. The NPS shall declare the emergency to the facility staff and, as necessary, formally announce that he / she is the Emergency Coordinator. /

4. ¶₂ If a radioactive release is in progress, Then review personnel access with Health Physics personnel and notify Security personnel with any special instructions. /

5. ¶₁₃ Sound the Emergency Plan (E-Plan) Activation Alarm. (N/A if already preformed) /

REVISION NO. 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 27 of 36
PROCEDURE NO. EPIP-02		

5.5 General Emergency Declaration Checklist (continued) TIME / INITIAL

6. Notify plant personnel using Gai-tronics and boost function as follows: (N/A if facilities already activated)

"Attention all plant personnel, Unit 1 / 2 has declared a GENERAL EMERGENCY. All emergency response personnel report at once to your assigned emergency response facility."

Repeat the announcement. ___/___

7. If a GENERAL EMERGENCY plant announcement has not been made, Then notify plant personnel using Gai-tronics and boost function:

"Attention all plant personnel, Unit 1 / 2 has declared a GENERAL EMERGENCY."

Repeat the announcement. ___/___

- * 8. Notify the Shift Technical Advisor and the Duty Call Supervisor to report to the Control Room using Gai-tronics and boost function. (N/A if already performed)

"Shift Technical Advisor report to the Unit 1 / 2 Control Room."

___/___

"Duty Call Supervisor report to the Unit 1 / 2 Control Room."

___/___

NOTE
Site Evacuation Guidance

No release of radioactive material – send personnel home.

Current or prior release of radioactive material send personnel to the off-site assembly area.

- North to Jaycee Park if wind is from 271° through 145° (clock-wise direction)
- South to Jensen Public Beach Parking Area if wind is from 146° through 270° (clock-wise direction)

9. Sound the Site Evacuation Alarm. (N/A if already performed) ___/___

/R11 /R11

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 28 of 36
PROCEDURE NO.: EPIP-02		

5.5 General Emergency Declaration Checklist (continued) TIME / INITIAL

- 10.** Notify plant personnel using Gai-tronics and boost function as follows: (N/A if site evacuated)

"Attention all plant personnel, Unit 1 / 2 has declare a GENERAL EMERGENCY, all non-emergency response plant personnel are directed to commence evacuation of the Owner Controlled Area, report to your vehicles and (Choose one):

Proceed to your homes.

OR

Proceed North / South away form the plant to Jaycee Park / Jensen Public Beach Parking Area for contamination check, accountability and further instructions."

Repeat the announcement. ___/___

- * **11.** Initiate the call-out process in accordance with EPIP-03, Emergency Response Organization Notification / Staff Augmentation. (this may be accomplished by the DCS) (N/A if already performed) ___/___

- 12.** ¶₆ If a radioactive release has occurred or is in progress, Then notify Chemistry to promptly implement EPIP-09, Off-site Dose Calculations, and report the results to the Emergency Coordinator (EC). ___/___

- 13.** If a Chemist is unavailable, Then call-out a Chemist (this may be accomplished by the DCS). ___/___

REVISION NO : 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 29 of 36
PROCEDURE NO : EPIP-02		

5.5 General Emergency Declaration Checklist (continued) TIME / INITIAL

- 14. Complete required notifications in accordance with Appendix A, Notifications from the Affected Control Room, in EPIP-08, Off-site Notifications and Protective Action Recommendations. The DCS may be utilized as a phonetalker.
 - State Warning Point _ / _
 - NRC _ / _
- 15. Ensure notification of the following: (this may be accomplished by the DCS)
 - Plant Management _ / _
 - Security _ / _
 - Nuclear Division Duty Officer (NDDO) _ / _
- * 16. Initiate the Operations Department Accountability Aid for both Unit 1 and Unit 2 and provide this list to the TSC when requested. (this may be accomplished by the DCS) (N/A if already performed) _ / _
- * 17. ¶₉ Ensure Operations field personnel return to their assigned Control Room and obtain emergency Electronic Personal Dosimetry (EPD) from the HP Emergency Kit. (N/A if already performed) _ / _
- 18. ¶₈ Direct all Non-licensed Operators (NLOs), from both Units to report to the OSC (when operational) following evacuation of the Owner Controlled Area and completion of immediate Operator actions. (N/A if already performed) _ / _
- 19. Verify with Security that the evacuation of the Owner Controlled Area has been completed and all personnel have been accounted for. (N/A if already performed) _ / _
- 20. Notify off-site agencies when evacuation is complete: (N/A if already performed)
 - State Warning Point _ / _
 - NRC _ / _

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 30 of 36
PROCEDURE NO EPIP-02		

5.5 General Emergency Declaration Checklist (continued) TIME / INITIAL

21. Utilize Attachment 3, Turnover Guidelines when relinquishing duties to the oncoming EC. _ / _

NOTE

¶₂ New notification forms shall be completed for all updates.

22. ¶₁₅ If State / Local notification has not been completed in the last 60 minutes, Then provide a routine update utilizing a new notification form. The DCS may be utilized as a phonetalker. (Repeat as necessary) _ / _

- _ / _
- _ / _
- _ / _
- _ / _

23. Turnover off-site interface responsibilities (notifications and Protective Action Recommendations (PARs)) to the Recovery Manager (RM) when the EOF goes operational. _ / _

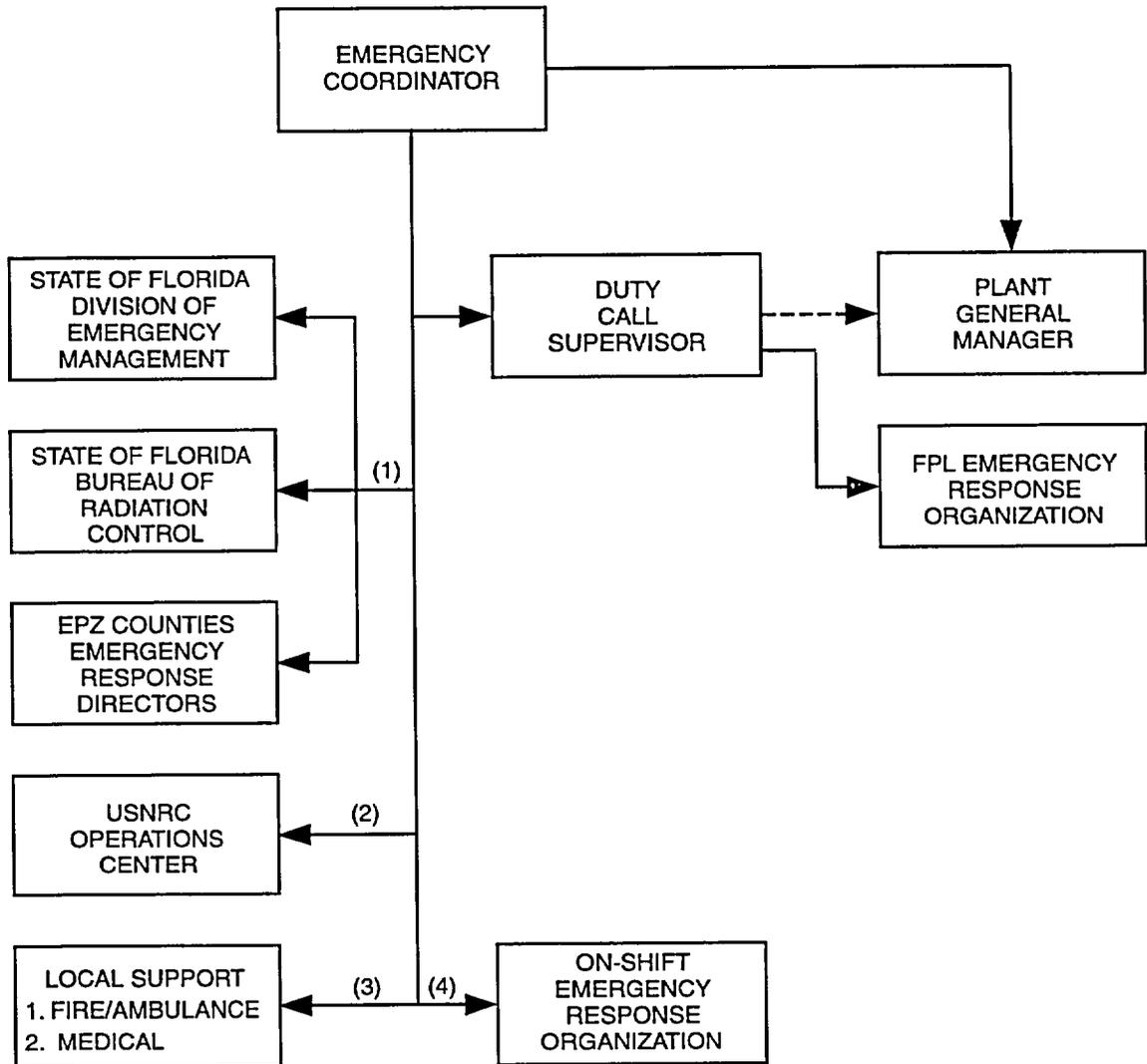
24. At the direction of the RM, coordinate termination of the emergency and initiation of recovery planning. _ / _

25. GENERAL EMERGENCY Declaration Checklist complete (event terminated). _ / _

END OF SECTION 5.5

REVISION NO 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 31 of 36
PROCEDURE NO.: EPIP-02		

ATTACHMENT 1
INITIAL NOTIFICATION FLOW
(Page 1 of 1)



Legend.
 — Primary Notification Pathway
 - - - Alternate Notification Pathway

- (1) Via State Hot Ring Down Telephone (HRD)
- (2) Via Emergency Notification System (ENS)
- (3) Medical & Fire Emergencies Only, As Needed
- (4) Via Plant Public Address System (PA)

(D/PS/ EPLAN-F1 2-R35)

END OF ATTACHMENT 1

REVISION NO: 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 32 of 36
PROCEDURE NO: EPIP-02		

ATTACHMENT 2
CRITERIA FOR EVACUATION
(Page 1 of 1)

A. Criteria for Local Evacuation

The need for Local Evacuation should be determined in accordance with the following criteria:

Evacuate the affected local area in which any of the following conditions occur:

1. Area Radiation Monitor Alarm.
2. Containment Evacuation Alarm.
3. Unevaluated direct radiation dose rate increase in excess of 100 mRem/hour above normal levels.
4. Unexpected airborne radioactivity concentration in excess of 1×10^{-9} micro Ci/cc.
5. Removable radioactive surface contamination in an unposted area in excess of 1000 dpm/100 cm² beta-gamma over an area of 100 ft².
6. Removable radioactive surface contamination in an unposted area in excess of 50 dpm/100cm² alpha over an area of 100 ft².
7. The Emergency Coordinator determines that a situation exists for which Local Evacuation is appropriate.

B. Criteria for Owner Controlled Area Evacuation

The Owner Controlled Area shall be evacuated in the following circumstances:

1. Site Area Emergency
2. General Emergency
3. If the Emergency Coordinator determines that the entire Owner Controlled Area should be evacuated.

C. Refer to EPIP-07, Conduct of Evacuations / Assembly, for more information.

END OF ATTACHMENT 2

REVISION NO : 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 33 of 36
PROCEDURE NO EPIP-02		

ATTACHMENT 3
TURNOVER GUIDELINES
(Page 1 of 2)

Upon arrival at the affected Control Room, the prospective Emergency Coordinator should review the following items/issues with the Control Room Emergency Coordinator (not in a particular order):

NOTE

This information (1-10 below) should be reviewed with the DCS.

1. Type of accident or incident
2. Plant status
3. Equipment out-of-service
4. Operator actions underway
5. Radiological conditions
6. Meteorological conditions
7. Procedure status
8. Emergency Plan activities underway, including any on-site or off-site protective actions
9. Conditions and/or trends of concern
10. Personnel injuries or radiation exposures

For an Alert or higher emergency, complete the following:

1. Prior to leaving Control Room verify the status of the following:
 - A. Emergency classification
 - B. Off-site notifications

REVISION NO : 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 34 of 36
PROCEDURE NO : EPIP-02		

ATTACHMENT 3
TURNOVER GUIDELINES
(Page 2 of 2)

2. Bring the following items to the Technical Support Center:
- A. Copy of RCO log (entries from start of the event)
 - B. Completed notification forms (State and NRC)
 - C. Operations Accountability Aid (only if completed)

END OF ATTACHMENT 3

REVISION NO: 11	PROCEDURE TITLE: DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE: 35 of 36
PROCEDURE NO.: EPIP-02		

ATTACHMENT 4
FIELD OPERATOR RE-ENTRY GUIDELINES
(Page 1 of 1)

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.

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.**

¶8 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.
3. **¶8 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:
 - A. The EC (initially the NPS) authorize the entry.
 - B. Maintenance of appropriate radiological and safety measures.
 - C. Tracking the whereabouts of the team.
4. **Evacuation ordered and with the OSC operational**
 - A. NLOs, from both Units, are to report to the OSC once it is declared operational.
 - B. All field activities are re-entries and shall be coordinated and controlled by the OSC.

END OF ATTACHMENT 4

REVISION NO.: 11	PROCEDURE TITLE DUTIES AND RESPONSIBILITIES OF THE EMERGENCY COORDINATOR ST. LUCIE PLANT	PAGE 36 of 36
PROCEDURE NO EPIP-02		

ATTACHMENT 5
§1 EXPOSURE LIMITS FOR EMERGENCY RESPONSE PERSONNEL
 (Page 1 of 1)

NOTE

1. Both Total Dose (TEDE) and Thyroid Dose (CDE) should be used for purposes of controlling exposure.
2. Protective clothing, including respirators, should be used where appropriate.

For the following missions, the exposure limit is ⁽¹⁾ :	Total Dose ⁽²⁾ (TEDE)	THYROID ⁽³⁾ (CDE)
Performance of actions that would not directly mitigate the event, minimize escalation, or minimize effluent releases.	5 REM	50 REM
Performance of actions that mitigate the escalation to the event, rescue persons from a <u>non-life</u> threatening situation, minimize exposures or minimize effluent releases.	10 REM	100 REM
Performance of actions that decrease the severity of the event or terminate the processes causing the event in an attempt to control effluent releases to avoid extensive exposure of large populations. Also, rescue of persons from a <u>life-threatening</u> situation.	25 REM	250 REM
Rescue of person from a <u>life-threatening</u> situation. (Volunteers ⁽⁴⁾ should be above the age of 45.)	(5)	(5)

- (1) Exposure limits to the lens of the eye are 3 times the Total Dose (TEDE) values listed.
- (2) Total Dose (TEDE) is the total whole body exposure from both external and internal (weighted) sources - Total Effective Dose Equivalent.
- (3) Thyroid Dose (CDE) commitment from internal sources - Committed Dose Equivalent. The same dose limits also apply to other organs (CDE), skin (Shallow Dose Equivalent) and extremities (Extremity Dose Equivalent).
- (4) Volunteers with full awareness of risks involved including numerical levels of dose at which acute effects of radiation will be incurred and numerical estimates of the risk of delayed effects.
- (5) No upper limit for Total Dose (TEDE) and/or Thyroid Dose (CDE) exposure has been established because it is not possible to prejudge the risks that one person should be allowed to take to save the life of another. Also, no specific limit is given for thyroid exposure since in the extreme case, complete thyroid loss might be an acceptable sacrifice for a life saved. This should not be necessary if respirators and/or thyroid protection for rescue personnel are available as the result of adequate planning.

END OF ATTACHMENT 5



FPL

ST. LUCIE PLANT

HEALTH PHYSICS PROCEDURE

SAFETY RELATED

Procedure No.

HP-205

Current Revision No.

7A

Effective Date

02/17/03

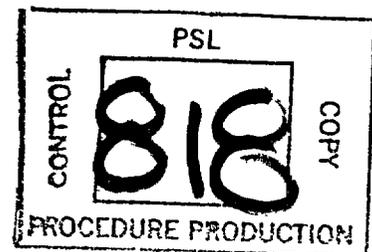
Title:

EMERGENCY IN-PLANT AIR SAMPLING

Responsible Department: **HEALTH PHYSICS**

REVISION SUMMARY:

Revision 7A - Incorporated PCR #03-0215 to add clarification and update titles. (J. Walker, 01/17/03)



Revision <u>0</u>	FRG Review Date <u>02/01/82</u>	Approved By <u>J. H. Barrow (for)</u> Plant General Manager	Approval Date <u>02/04/82</u>	S__OPS DATE _____ DOCT <u>PROCEDURE</u> DOCN <u>HP-205</u> SYS _____ COM <u>COMPLETED</u> ITM <u>7A</u>
Revision <u>7A</u>	FRG Review Date <u>03/26/97</u>	Approved By <u>J. Scarola</u> Plant General Manager N/A	Approval Date <u>03/26/97</u>	
		Designated Approver <u>S. Wisla</u>	<u>01/17/03</u>	
		Designated Approver (Minor Correction)		

REVISION NO : 7A	PROCEDURE TITLE EMERGENCY IN-PLANT AIR SAMPLING	PAGE 2 of 5
PROCEDURE NO : HP-205	ST. LUCIE PLANT	

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 TITLE	3
2.0 REVIEW AND APPROVAL	3
3.0 PURPOSE	3
4.0 PRECAUTIONS AND LIMITS	3
5.0 RELATED SYSTEM STATUS.....	4
6.0 REFERENCES	4
7.0 RECORDS REQUIRED	4
8.0 INSTRUCTIONS	5

REVISION NO: 7A	PROCEDURE TITLE: EMERGENCY IN-PLANT AIR SAMPLING	PAGE: 4 of 5
PROCEDURE NO: HP-205	ST. LUCIE PLANT	

5.0 RELATED SYSTEM STATUS

None

6.0 REFERENCES

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, Operating Experience, License Renewal, 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.
Ψ Indicates a step that requires a sign off on an attachment.

6.1 St. Lucie Plant Radiological Emergency Plan (E-Plan)

6.2 E-Plan Implementing Procedures (EPIP 00-13)

6.3 HP-2, FP&L Health Physics Manual

6.4 HPP-22, Air Sampling

6.5 NUREG 0737, III.D.3.3, Improved Inplant Iodine Monitoring

6.6 Technical Specification 6.8.4.b.

6.7 §₁ St. Lucie Unit 2, UFSAR Section 12.5.3.8

7.0 RECORDS REQUIRED

7.1 The following document when completed shall be maintained in the plant files in accordance with QI-17-PSL-1, Quality Assurance Records.

1. Form HP-206.1, Emergency Air Sample Data Sheet

/R7

/R7A

/R7A

/R7A

/R7A

REVISION NO.: 7A	PROCEDURE TITLE. EMERGENCY IN-PLANT AIR SAMPLING	PAGE 5 of 5
PROCEDURE NO HP-205	ST. LUCIE PLANT	

8.0 INSTRUCTIONS

8.1 As soon as possible after an accident, low volume and continuous air monitors should be placed in general access routes and areas of the affected Reactor Auxiliary Building (RAB) where entries are probable. Example locations are:

1. RAB - 19.5' hallway near the primary sample room and hydrogen analyzer panel,
2. RAB - 0.5' hallway,
3. Hot chemistry lab, and
4. RAB 43' switchgear room.

8.2 §1 Particulate and iodine air sampling shall be performed in accordance with Health Physics Procedure HPP-22, Air Sampling, except as modified by the TSCHPS such as use of AgX cartridges instead of charcoal.

8.3 Record air sampling information on HP206.1, Air Sample Data Sheet.

8.4 Gas samples should be taken with 1000 ml Marinelli to reduce dead time problems during analysis.

8.5 Each air sample cartridge taken should be placed in separate poly bags with the following information affixed to the bag:

1. Date and time of sample
2. Location of sample
3. Name of individual taking sample
4. Air sampler number
5. Flow rate of sampler
6. Duration of sample

8.6 All air samples shall be taken to the Health Physics counting area for analysis.



FPL

ST. LUCIE PLANT

HEALTH PHYSICS PROCEDURE

SAFETY RELATED

Procedure No.

HP-208

Current Revision No.

7B

Effective Date

02/18/03

Title:

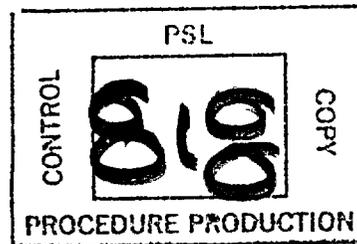
PERSONNEL DECONTAMINATION DURING EMERGENCIES

Responsible Department: HEALTH PHYSICS

REVISION SUMMARY:

Revision 7B - Incorporated PCR 03-0216 to add HP-207 to references and to make administrative / editorial changes. (J. Walker, 01/17/03)

Revision 7A - Deleted reference to HP-42. (Kenny Payne, 09/17/01)



Revision <u>0</u>	FRG Review Date <u>02/10/82</u>	Approved By <u>C. M. Wethy</u> Plant General Manager	Approval Date <u>02/10/82</u>	S__OPS
Revision <u>7B</u>	FRG Review Date <u>10/11/96</u>	Approved By <u>J. Scarola</u> Plant General Manager <u>N/A</u> Designated Approver <u>S. Wisla</u> Designated Approver (Minor Correction)	Approval Date <u>10/11/96</u> <u>01/17/03</u>	DATE DOCT DOCN SYS COM ITM
				<u>PROCEDURE</u> <u>HP-208</u> <u>COMPLETED</u> <u>7B</u>

REVISION NO: 7B	PROCEDURE TITLE: PERSONNEL DECONTAMINATION DURING EMERGENCIES ST. LUCIE PLANT	PAGE: 2 of 5
PROCEDURE NO.: HP-208		

TABLE OF CONTENTS	
<u>SECTION</u>	<u>PAGE</u>
1.0 TITLE	3
2.0 REVIEW AND APPROVAL	3
3.0 PURPOSE	3
4.0 PRECAUTIONS AND LIMITATIONS	3
5.0 RELATED SYSTEM STATUS.....	3
6.0 REFERENCES	4
7.0 RECORDS REQUIRED	4
8.0 INSTRUCTIONS	5

REVISION NO.: 7B	PROCEDURE TITLE: PERSONNEL DECONTAMINATION DURING EMERGENCIES ST. LUCIE PLANT	PAGE: 3 of 5
PROCEDURE NO.: HP-208		

1.0 TITLE

PERSONNEL DECONTAMINATION DURING EMERGENCIES

2.0 REVIEW AND APPROVAL

See cover page

3.0 PURPOSE

This procedure provides guidelines for the decontamination of personnel during emergencies.

4.0 PRECAUTIONS AND LIMITATIONS

4.1 Lifesaving measures shall not be hindered by decontamination procedures.

4.2 Personnel involved in decontamination shall employ good Health Physics work practices to prevent their own contamination and the spread of contamination.

4.3 Radioactive waste generated during decontamination shall be surveyed, posted and maintained in accordance with Health Physics Procedures.

5.0 RELATED SYSTEM STATUS

None

REVISION NO: 7B	PROCEDURE TITLE: PERSONNEL DECONTAMINATION DURING EMERGENCIES ST. LUCIE PLANT	PAGE: 4 of 5
PROCEDURE NO.: HP-208		

6.0 REFERENCES

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, Operating Experience, License Renewal, 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.

Ψ Indicates a step that requires a sign off on an attachment.

6.1 St. Lucie Plant Radiological Emergency Plan (E-Plan)

6.2 E-Plan Implementing Procedures (EPIP 00-13)

6.3 HP-2, FP&L Health Physics Manual

6.4 HP-207, Monitoring Evacuated Personnel During Emergencies

6.5 HPP-70, Personnel Contamination Monitoring

6.6 HPP-41, Movement of Material and Equipment

7.0 RECORDS REQUIRED

7.1 The following document when completed is to be maintained in the plant files in accordance with QI-17-PSL-1, Quality Assurance Records.

1. Form HPP 70.1, Personnel Skin and Clothing Contamination Report.

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REVISION NO.: 7B	PROCEDURE TITLE. PERSONNEL DECONTAMINATION DURING EMERGENCIES ST. LUCIE PLANT	PAGE. 5 of 5
PROCEDURE NO.: HP-208		

8.0 INSTRUCTIONS

8.1 Any individual suspected of being contaminated, and all individuals exiting evacuated areas following re-entry shall be monitored in accordance with Health Physics Procedure HP-207, Monitoring Evacuated Personnel During Emergencies.

8.2 If contamination is found, the individual shall be escorted to a decontamination area as directed by the HP Supervisor in the Operational Support Center (HPOSC), or the Technical Support Center Health Physics Supervisor (TSCHPS).

8.3 If clothing contamination is found, check the individual's skin for contamination.

8.4 If substantial amounts of contamination are found, or if ingestion is suspected, whole body counting and a bio-assay shall be performed.

8.5 Personnel decontamination shall be performed in accordance with Health Physics Procedure HPP-70, Personnel Contamination Monitoring, with special precautions as directed by the HPOSC.

8.6 Health Physics Form HPP 70.1, Personnel Skin and Clothing Contamination Report, shall be completed on all individuals undergoing decontamination. The following decontamination areas may be used as directed by the HPOSC or TSCHPS.

1. Reactor Auxiliary Buildings - Hot Shower Room
2. Off-site Assembly Area

8.7 During the decontamination process solid rad waste may be generated. This should be placed in labeled containers as per Health Physics Procedure HPP-41, Movement of Material and Equipment, and stored away from the general area where personnel are congregating until it can be disposed of properly.

CAUTION

Treating life threatening medical injuries takes priority over decontaminating the individual.

8.8 Severely injured individuals shall be transported to an off-site medical facility for medical treatment at the direction of the Emergency Coordinator in consultation with the TSCHPS. On-site decontamination of the personnel should not be attempted if there is a possibility of further aggravation of the injury.

8.9 Care should be exercised when decontaminating areas of the body suspected of being contaminated with radioiodines. Skin abrasions, hot water or open wounds provide ready pathways for the absorption of radioiodines into the system.

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