



February 7, 2003

L-2003-026  
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 Procedure

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

<u>Number</u>	<u>Title</u>	<u>Revision</u>	<u>Implementation Date</u>
EPIP-00	Discovery & Identification Of An Emergency Condition (Including Chemical, Fire and Natural Emergencies)	2A	January 31, 2003

EPIP-00 Revision 2A incorporated a periodic review to change the responsible department and made editorial and administrative changes.

Very truly yours,

Donald E. Jernigan  
Vice President  
St. Lucie Plant

DEJ/lt

Enclosure

A045



**FPL**

# ST. LUCIE PLANT

## EMERGENCY PLAN IMPLEMENTING PROCEDURE

SAFETY RELATED

Procedure No.

**EPIP-00**

Current Revision No.

**2A**

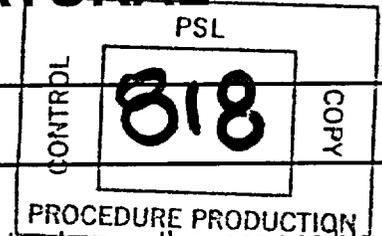
Effective Date

**01/31/03**

Title:

# DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES)

Responsible Department: **EMERGENCY PREPAREDNESS**



### REVISION SUMMARY:

**Revision 2A** – Incorporated PCR #03-0081 for a periodic review to change the responsible department and make editorial and administrative changes. (J. R. Walker, 01/13/03)

**Revision 2** - Clarified training manager responsibilities, made administrative / editorial changes, and corrected procedure number to address QA comment from periodic review (APP. J.) (R. Walker, 03/18/99)

Revision <u>0</u>	FRG Review Date <u>12/15/97</u>	Approved By <u>J. Scarola</u> Plant General Manager	Approval Date <u>12/15/97</u>	S__OPS
Revision <u>2A</u>	FRG Review Date <u>03/18/99</u>	Approved By <u>R. G. West</u> Plant General Manager N/A	Approval Date <u>03/18/99</u>	DATE DOCT DOCN SYS COM ITM
		Designated Approver <u>D. Calabrese</u>	<u>01/13/03</u>	PROCEDURE EPIP-00 COMPLETED 2A
		Designated Approver (Minor Correction)		

REVISION NO <b>2A</b>	PROCEDURE TITLE <b>DISCOVERY &amp; IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) ST. LUCIE PLANT</b>	PAGE <b>2 of 10</b>
PROCEDURE NO : <b>EPIP-00</b>		

**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
4.0 DEFINITIONS.....	4
5.0 INSTRUCTIONS .....	5
5.1 Personnel discovering a hazardous condition, emergency condition or other situations that, in their judgement, represents a threat to personnel or plant safety should exercise personal judgement to prioritize their immediate response actions. Personnel are provided classroom and on-the-job training to enable these judgements to be made. In general, immediate response actions should be taken as described in the following steps: .....	5
5.2 Training Manager.....	7
5.3 Control Room Personnel .....	8
5.4 Nuclear Plant Supervisor .....	9
 <u>ATTACHMENTS</u>	
ATTACHMENT 1 CRITERIA FOR EVACUATION .....	10

REVISION NO <b>2A</b>	PROCEDURE TITLE: DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) <b>ST. LUCIE PLANT</b>	PAGE <b>3 of 10</b>
PROCEDURE NO <b>EPIP-00</b>		

**1.0 PURPOSE**

**1.1** This procedure provides instructions to all plant personnel regarding actions to be taken upon discovery of a hazardous condition, emergency condition or situation that represents a threat to personnel or plant safety. Response to emergencies and all other conditions are coordinated from the Control Room.

**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. § St. Lucie Plant Radiological Emergency Plan (E-Plan)
3. St. Lucie Plant Training Plan
4. E-Plan Implementing Procedures (EIPs)
5. ADM-18.06, General Employee Training
6. AP 0005753, Severe Weather Preparations
7. AP 0005770, On-Site Medical Program
8. AP 0010120, Conduct of Operations
9. AP 0010502, Oil and Hazardous Material Emergency Response Plan
10. AP-1-1800023, Firefighting Strategies

REVISION NO : <b>2A</b>	PROCEDURE TITLE: <b>DISCOVERY &amp; IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) ST. LUCIE PLANT</b>	PAGE <b>4 of 10</b>
PROCEDURE NO <b>EPIP-00</b>		

**2.1 References (continued)**

- 11. AP-2-1800023, Firefighting Strategies**
- 12. 1-ONP-100.01, Response to Fire**
- 13. 2-ONP-100.01, Response to Fire**

**2.2 Records Required**

- 1. NONE**

**2.3 Commitment Documents**

- 1. NONE**

**3.0 RESPONSIBILITIES**

**3.1 All plant personnel are responsible for performing this procedure.**

**3.2 Site Training Manager**

- 1. Ensures information pertaining to emergencies is provided to all plant personnel in Plant Access Training (PAT).**

**3.3 Control Room Personnel**

- 1. Respond to emergency conditions in accordance with plant procedures.**

**3.4 Nuclear Plant Supervisor (NPS)**

- 1. Directs initial response to emergency conditions.**

**4.0 DEFINITIONS**

**4.1 None**

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REVISION NO.:	PROCEDURE TITLE	PAGE
2A	DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES)	5 of 10
PROCEDURE NO. EPIP-00	ST. LUCIE PLANT	

**5.0 INSTRUCTIONS**

**5.1** Personnel discovering a hazardous condition, emergency condition or other situations that, in their judgement, represents a threat to personnel or plant safety should exercise personal judgement to prioritize their immediate response actions. Personnel are provided classroom and on-the-job training to enable these judgements to be made. In general, immediate response actions should be taken as described in the following steps:

1. Ensure your own safety is not immediately threatened.
2. Attend to the safety of other personnel if both of the following conditions are met, otherwise proceed to Step 5.1.4 (below).

A. Conditions are immediately life-threatening to these personnel.

AND

B. Your response will not compromise your safety or prevent timely notification to the Control Room.

3. Take actions to stop or mitigate the situation if all of the following apply, otherwise proceed to Step 5.1.4 (below).

A. You are qualified to perform these actions.

AND

B. These actions shall not prevent a timely medical response to injured personnel.

AND

C. These actions are not likely to cause injury to you or other personnel.

AND

D. These actions are not likely to further degrade conditions.

AND

E. These actions shall not prevent timely notification to the Control Room.

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REVISION NO 2A	PROCEDURE TITLE DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) ST. LUCIE PLANT	PAGE 6 of 10
PROCEDURE NO EPIP-00		

**5.1** (continued)

4. § Move to a safe location (if necessary) and notify the Control Room (x-3333) try any means available. Provide the following information:
  - A. Your name and department.
  - B. Type of emergency and brief description of the situation / condition.
  - C. Your location and location of the situation / condition.
  - D. Brief description of individuals involved including number of individuals and extent of injuries.
  - E. Brief description of the extent of damage to plant components including release or impending release of hazardous, toxic or radioactive materials.
  - F. Your condition including the likelihood of your exposure to hazardous, toxic or radioactive materials.
  - G. Your ability to respond / furnish further assistance.
  - H. Means (e.g., phone #) that can be used to contact you.
5. Standby at your present location until direction is provided by the Control Room.
  - A. If you have likely been exposed to hazardous, toxic or radioactive materials, limit your movement to prevent spread of the material both externally (on yourself and surrounding area) and internally (ingestion).
  - B. If conditions significantly change, contact the Control Room and provide an update using Step 5.1.4 (above) as a guide.

**END OF SECTION 5.1**

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/R2

REVISION NO. <b>2A</b>	PROCEDURE TITLE: <b>DISCOVERY &amp; IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) ST. LUCIE PLANT</b>	PAGE: <b>7 of 10</b>
PROCEDURE NO. <b>EPIP-00</b>		

**5.2 Training Manager**

1. Provide information pertaining to emergencies to all plant personnel through Plant Access Training (PAT) in accordance with ADM-18.06, General Employee Training.

**END OF SECTION 5.2**

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REVISION NO.: <b>2A</b>	PROCEDURE TITLE DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) <b>ST. LUCIE PLANT</b>	PAGE. <b>8 of 10</b>
PROCEDURE NO. <b>EPIP-00</b>		

**5.3 Control Room Personnel**

1. The individual in the Control Room receiving the call shall respond (at minimum) in accordance with Conduct of Operations, AP 0010120.
2. Control Room personnel shall respond (at minimum) using the following documents as applicable to the nature of the condition / situation:
  - A. For fire emergencies, use 1/2-ONP-100.01, Response to Fire.
  - B. For medical emergencies, use at least AP 0005770, On-Site Medical Program, Attachment 3, Medical Emergency Checklist.
  - C. For tornado, hurricane, extreme cold weather or other natural emergencies, use at least AP 0005753, Severe Weather Preparations.
  - D. For toxic spills, use at least AP 0010502, Oil and Hazardous Material Emergency Response Plan.
3. Control Room personnel shall directly or indirectly provide direction to the individual who initially reported the condition. The likelihood and extent of contamination of the individual with hazardous, toxic or radioactive material shall be taken into consideration.

**END OF SECTION 5.3**

REVISION NO.: <b>2A</b>	PROCEDURE TITLE <b>DISCOVERY &amp; IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) ST. LUCIE PLANT</b>	PAGE <b>9 of 10</b>
PROCEDURE NO. <b>EPIP-00</b>		

**5.4 Nuclear Plant Supervisor**

1. The NPS should use the guidance provided in Attachment 1, Criteria for Evacuation, to evaluate the need for evacuation of personnel.
2. If not already performed by another procedure, NPS shall ensure that conditions are compared to the Emergency Action Levels (EALs) listed in EPIP-01, Classification of Emergencies.
  - A. If EALs are met or exceeded, the NPS shall respond using (at minimum) EPIP-01, Classification of Emergencies, and EPIP-02, Duties and Responsibilities of the Emergency Coordinator.
  - B. If EALs are not presently exceeded, emergency declaration is not presently required.
3. The NPS may obtain additional support by initiating a partial or full callout of personnel staffing Emergency Response Organization roster positions. This action does not require prior activation of the Emergency Plan. This action itself does not constitute activation of the Emergency Plan.
4. NPS shall perform Step 5.4.2 when a significant change in condition occurs and repeat this process (i.e., evaluate conditions ↔ compare to EALs) until an emergency is declared (and actions are governed by the Emergency Plan).

**END OF SECTION 5.4**

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REVISION NO.: <b>2A</b>	PROCEDURE TITLE: DISCOVERY & IDENTIFICATION OF AN EMERGENCY CONDITION (INCLUDING CHEMICAL, FIRE AND NATURAL EMERGENCIES) <b>ST. LUCIE PLANT</b>	PAGE: <b>10 of 10</b>
PROCEDURE NO. <b>EPIP-00</b>		

**ATTACHMENT 1**  
**CRITERIA FOR EVACUATION**  
(Page 1 of 1)

**A. Criteria for Local Evacuation**

The need for Local Evacuation shall 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  $1 \times 10^{-9}$  micro Ci/cc.
5. Removable radioactive surface contamination in an unposted area in excess of 1000 dpm/100 cm<sup>2</sup> beta-gamma over an area of 100 ft<sup>2</sup>.
6. Removable radioactive surface contamination in an unposted area in excess of 50 dpm/100cm<sup>2</sup> alpha over an area of 100 ft<sup>2</sup>.
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.

**END OF ATTACHMENT 1**

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