

FLORIDA POWER & LIGHT COMPANY
DUTIES OF THE EMERGENCY CONTROL OFFICER,
OFF-SITE EMERGENCY ORGANIZATION
PROCEDURE 1101
2-1-82

Page 1

1.0 Title:

DUTIES OF THE EMERGENCY CONTROL OFFICER, OFF-SITE EMERGENCY ORGANIZATION

Officer: Director, Nuclear Energy
Alternate: (1) Assistant to Vice President of Power Resources
Alternate: (2) Manager of Nuclear Operations, Nuclear Energy

2.0 Approval and List of Effective Pages

2.1 Approval

Reviewed by W. Johnson Emergency Planning Supervisor
1-29, 1982

Approved by J. Williams Director, Nuclear
Energy 1-29, 1982

2.2 List of Effective Pages

Page	Date
1 through 14, inclusive	2/1/82

3.0 Scope

3.1 Purpose

This procedure lists the duties and responsibilities of the Emergency Control Officer in the Off-Site Emergency Organization.

3.2 Discussion

The Emergency Control Officer shall activate the Off-Site Emergency Organization to the extent he deems necessary to provide assistance to the plant in administration, public relations, security, engineering and technical matters.

3.3 Authority

This procedure implements the Turkey Point Plant Radiological Emergency Plan and the St. Lucie Plant Radiological Emergency Plan.

4.0 Precautions

4.1 Until the Recovery Manager is activated and functional, the Emergency Control Officer is responsible for his duties.

4.2 In the event the Emergency Control Officer or his alternate cannot be contacted for initial notification, the Nuclear Energy Duty Officer will be notified. The Radiological Duty Officer then assumes the notification responsibilities of the ECO until relieved by the ECO or his alternate.

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- 4.3 Expenditures of funds above stated limits, policy issues which may effect the company and certain contractual arrangements, will require specific authorization by the Executive Vice President of the company.
- 4.4 When the interim Emergency Operations Facility is manned and operational, the Recovery Manager becomes responsible for providing protective action recommendations to state and local authorities.

5.0 Responsibilities

- 5.1 Maintain awareness of the status of the emergency conditions.
- 5.2 Obtain authorization of the Executive Vice President as required on certain matters of policy and expenditures above certain levels.
- 5.3 Notify and mobilize the required members of the Offsite Emergency Organization.
- 5.4 Activate the appropriate Interim Emergency Operations Facility for Site Area or General Emergencies.
- 5.5 Notification and communications responsibilities may be delegated by the Emergency Control Officer.
- 5.6 The Emergency Coordinator is responsible for providing offsite authorities with protective action recommendations until the Recovery Manager notifies the EC that the Interim EOF is manned and operational.
- 5.7 Emergencies classified as Site Area or General shall only be de-escalated by the Emergency Control Officer.

6.0 References

- 6.1 Turkey Point Plant Radiological Emergency Plan.
- 6.2 St. Lucie Plant Radiological Emergency Plan.
- 6.3 Procedure 1102, Duties of Recovery Manager, Off-Site Emergency Organization.
- 6.4 Procedure 1301, Emergency Roster

7.0 Records

All significant information, events, and actions taken during the emergency period will be recorded and will be initialed by the Emergency Control Officer or his alternate. The checklists at the end of this procedure provide required notifications and information.

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8.0 Instructions

The Emergency Control Officer shall:

- 8.1 Receive initial notification of the emergency from the Plant Duty Call Supervisor or Emergency Coordinator or System Operations Power Coordinator and obtain from him the information shown on the attached Checklist 1, as available.
- 8.2 Mobilize the Off-site Emergency Organization as required for each specific class of emergency. (See appropriate checklist)
- 8.3 Establish and maintain contact with the Recovery Manager, when functional. The Recovery Manager, when operational, assumes responsibility for managing FPL emergency support to the affected plant and provides applicable protective action recommendations to offsite authorities.
- 8.4 Notify the Executive Vice President of the emergency.
- 8.5 Report to General Office Emergency Center or interim EOF if deemed appropriate.
- 8.6 Make new policy decisions as required relative to emergency actions.
- 8.7 Authorize expenditures of funds for emergency support activities within stated limits. Obtain approval for policy and expenditures within limits of Section 5.
- 8.8 Approve emergency contractual arrangements for emergency support activities within the limits stated in Section 5.
- 8.10 Assist in obtaining additional FPL support for the Off-Site Emergency Organization, as requested by Recovery Manager.
- 8.11 Conduct liaison with Federal and state agencies on administrative matters not covered by Emergency Plans.
- 8.12 De-escalate the emergency classification (for Site Area and General Emergencies), based on plant conditions and radiological conditions, onsite and offsite. De-escalation should be based upon consultation with the Recovery Manager and Emergency Coordinator.

2/1/82

CHECKLIST 1
EMERGENCY INFORMATION CHECKLIST
MESSAGE FORM FOR NOTIFICATION
TO THE STATE OF FLORIDA

DATE AND TIME OF MESSAGE _____

- | | | |
|---------------------------------------|--|------------------------------------|
| 1. <u>SITE</u> | 2. <u>ACCIDENT CLASSIFICATION</u> | 3. <u>UNIT NUMBER(S)</u> |
| <input type="checkbox"/> ST. LUCIE | <input type="checkbox"/> UNUSUAL EVENT | <input type="checkbox"/> ONE (1) |
| <input type="checkbox"/> TURKEY POINT | <input type="checkbox"/> ALERT | <input type="checkbox"/> TWO (2) |
| | <input type="checkbox"/> SITE AREA EMERGENCY | <input type="checkbox"/> THREE (3) |
| | <input type="checkbox"/> GENERAL EMERGENCY | <input type="checkbox"/> FOUR (4) |
4. TIME AND DATE OF INCIDENT/EVENT. TIME _____ DATE _____
5. INCIDENT INVOLVES: _____

- | | |
|---|--|
| 6. <u>SITUATION INVOLVED:</u> | 7. <u>TYPE OF RELEASE IS:</u> |
| <input type="checkbox"/> NO RELEASE | <input type="checkbox"/> RADIOACTIVE GASEOUS |
| <input type="checkbox"/> POTENTIAL (POSSIBLE) RELEASE | <input type="checkbox"/> NON-RADIOACTIVE GASEOUS |
| <input type="checkbox"/> IMMINENT (PROBABLE) RELEASE | <input type="checkbox"/> RADIOACTIVE LIQUID |
| <input type="checkbox"/> A RELEASE IS OCCURRING | <input type="checkbox"/> NON-RADIOACTIVE LIQUID |
| <input type="checkbox"/> A RELEASE THAT OCCURRED, BUT STOPPED | <input type="checkbox"/> NON-APPLICABLE |
8. RECOMMENDED PROTECTION ACTIONS:
- ☐ FOR INFORMATION ONLY - (UNUSUAL EVENT OR ALERT)
- ☐ PREPARE FOR POSSIBLE ACTION INVOLVING THE PUBLIC, TO INCLUDE NOTIFICATION. (ALERT OR SITE AREA EMERGENCY)
- ☐ NOTIFY PUBLIC TO TAKE THE FOLLOWING PROTECTIVE ACTIONS. (SITE AREA OR GENERAL EMERGENCY)
- | | | |
|--------------------------|--------------------------|---|
| <u>NO ACTION</u> | <u>SHELTER</u> | <u>EVACUATE</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0-2 MILE RADIUS (GASEOUS RELEASE) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 2-5 MILES FOR SECTORS _____ (GASEOUS RELEASE) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 5-10 MILES FOR SECTORS _____ (GASEOUS RELEASE) |
| | <input type="checkbox"/> | <input type="checkbox"/> _____ MILES |
- ☐ DISCONTINUE USE OF POTENTIALLY AFFECTED WATER IN _____ LOCATIONS
9. RELEASE IS:
- ☐ CONTINUING - EXPECTED DURATION OR MAGNITUDE _____
- ☐ TERMINATED - APPROXIMATE DURATION OR MAGNITUDE _____
10. REPORT OF GASEOUS RELEASE IS: ☐ GROUND LEVEL

NOTE USE NOT APPLICABLE (N/A) WHERE APPROPRIATE

CHECKLIST 1 (cont'd)

11. WIND SPEED: _____ MILES PER HOUR

12. WIND DIRECTION DATA (CHECK ONE, READ ACROSS)

	<u>WIND FROM</u>	<u>DEGREES</u>	<u>WIND TOWARD</u>	<u>SECTORS AFFECTED</u>
[A]	N	349-11	S	H J K
[B]	NNE	12-33	SSW	J K L
[C]	NE	34-56	SW	K L M
[D]	ENE	57-78	WSW	L M N
[E]	E	79-101	W	M N P
[F]	ESE	102-123	WNW	N P Q
[G]	SE	124-146	NW	P Q R
[H]	SSE	147-168	NNW	Q R A
[J]	S	169-191	N	R A B
[K]	SSW	192-213	NNE	A B C
[L]	SW	214-236	NE	B C D
[M]	WSW	237-258	ENE	C D E
[N]	W	259-281	E	D E F
[P]	WNW	282-303	ESE	E F G
[Q]	NW	304-326	SE	F G H
[R]	NNW	327-348	SSE	G H J

13. CURRENT OUTSIDE TEMPERATURE: [A] _____ °F

14. WEATHER CONDITIONS (RAIN, SNOW, SLEET, ETC.): _____

15. TEMPERATURE DIFFERENCE (DELTA T): [A] _____ °F

ELEVATION OF TEMP. DIFFERENCE MEASUREMENT: _____

STABILITY CLASS (IF KNOWN) _____

16. RELEASE DETECTED BY:

[A] VISUAL

[B] SAMPLE RESULTS ARE: _____

[C] INSTRUMENTATION _____ LOCATION _____ RELEASE RATE (C/sec) _____

17. ACCIDENT RELATED INJURIES: [A] NO [B] YES NUMBER OF INJURIES _____

18. OTHER

INFORMATION: _____

19. MESSAGE REPORTED BY: _____

NAME

ORGANIZATION

TELEPHONE (OUTSIDE #)

20. MESSAGE RECEIVED BY: _____

YOUR NAME

TIME

DATE

CONTINUE TO NEXT PAGE FOR:

1) PLANT DUTY SUPERVISOR

2) EMERGENCY CONTROL OFFICER/RECOVERY MANAGER/NUCLEAR ENERGY DUTY OFFICER

3) DHRS RADIOLOGICAL DUTY OFFICER

NOTE USE NOT APPLICABLE (N/A) WHERE APPROPRIATE.

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CHECKLIST 2

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<u>UNUSUAL EVENT CHECKLIST</u>			
<u>Action</u>	<u>Time</u>	<u>Initials</u>	
1. Time of receipt of initial notification	_____	_____	
2. Obtain Checklist 1 data:			
A. Initial	_____	_____	
B. Updates	_____	_____	
C. Checklist Complete	_____	_____	
3. Notify Corporate Communications Duty Officer (552-3894 or 373-3574)	_____	_____	
4. Notify Governmental Affairs Department (See Procedure 1301)	_____	_____	
5. Notify Executive Vice President	_____	_____	
6. Verify with Emergency Coordinator that notification to the following agencies had been made.			
6.1 Bureau of Disaster Preparedness Duty Warning Officer, Tallahassee (1-904- 488-1320)	_____	_____	
6.2 U.S. Nuclear Regulatory Commission Region II, Office of Inspection and Enforcement (1-404-221-4503)	_____	_____	
6.3 Department of Health and Rehabilitative Services, Radiological Duty Officer, Orlando (1-299-0580)	_____	_____	
7. Assess status of the following departments, periodically:			
7.1 Corporate Communications (via EIM)	_____	_____	
7.2 Governmental Affairs (via GAM)	_____	_____	
8. Close out with verbal summaries to item 6 contacts or escalate to checklists 3 or 4.	_____	_____	

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CHECKLIST 3

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ALERT CHECKLIST

<u>Action</u>	<u>Time</u>	<u>Time</u>	<u>Initials</u>
1. Time of receipt of notification		_____	_____
2. Obtain Checklist 1 data		_____	_____
3. Establish contact with Emergency Coordinator		_____	_____
4. Notify Offsite Emergency Organization (See Procedure 1301, Offsite Emergency Roster) and notify Executive Vice President		_____	_____
5. If deemed appropriate, activate General Office Emergency Center. NOTE: The Offsite Organization may not be fully activated for an Alert condition		_____	_____
6. Establish communications with the following agencies:			
6.1 Bureau of Disaster Preparedness Duty Warning Officer, Tallahassee (1-904-488-1320)		_____	_____
6.2 Department of Health and Rehabilitative Services, Radiological Duty Officer, Orlando(1-299-0580)		_____	_____
6.3 <u>PTP only</u> <u>PSL only</u> a) Dade a) St. Lucie County EOC County EOC (596-8700) (461-5201) b) Monroe b) Martin County EOC County EOC (294-9581) (287-1652)		_____	_____
6.4 Nuclear Regulatory Commission Region II Office of Inspection and Enforcement (1-404-221-4503)		_____	_____

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CHECKLIST 3 (cont'd)

ACTION	TIME	INITIALS
7. Assess status of activated individuals of the Offsite Organization, as appropriate:	_____	_____
7.1 Recovery Manager	_____	_____
7.2 Emergency Information Manager	_____	_____
7.3 Governmental Affairs Manager	_____	_____
8. Update Checklist 1 data periodically and communicate to state and county authorities	_____	_____
9. Close-out with verbal summary to all Item 6 contacts or escalate to Checklist 4	_____	_____
10. Request the RM to complete necessary written reports as follows:	_____	_____
Nuclear Regulatory Commission within 24 hours	_____	_____
Bureau of Disaster Preparedness within 24 hours.	_____	_____

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SITE AREA AND GENERAL EMERGENCY CHECKLIST

<u>Action</u>	<u>Time</u>	<u>Initials</u>
1. Time of receipt of notification	_____	_____
2. Obtain Checklist 1 data	_____	_____
3. Establish contact with Emergency Coordinator	_____	_____
4. Notify Offsite Emergency Organization (See Procedure 1301, Offsite Emergency Roster) and notify Executive Vice President	_____	_____
5. Activate interim Emergency Operations Facility. (See Procedure 1202 (PSL) or 1212 (PTP) Activation and Use of Emergency Operations Facility).	_____	_____
6. Establish communications with the following agencies:	_____	_____
6.1 Bureau of Disaster Preparedness Duty Warning Officer, Tallahassee (1-904-488-1320)	_____	_____
6.2 Department of Health and Rehabilitative Services, Radiological Duty Officer, Orlando(1-299-0580)	_____	_____
6.3 <u>PTP only</u> <u>PSL only</u>	_____	_____
a) Dade a) St. Lucie		
County EOC County EOC		
(596-8700) (461-5201)		
b) Monroe b) Martin		
County EOC County EOC		
(294-9581) (287-1652)		
6.4 Nuclear Regulatory Commission Region II Office of Inspection and Enforcement (1-404-221-4503)	_____	_____

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CHECKLIST 4 (cont'd)

Action	Time	Initials
7. Assess status of assigned responsibilities for the following periodically:		
7.1 Recovery Manager (See Procedure 1102)	_____	_____
7.2 Emergency Information Manager (See Procedure 1103)	_____	_____
7.3 Governmental Affairs Manager (See Procedure 1106)	_____	_____
8. Update Checklist 1 data periodically and communicate to state and county authorities	_____	_____
9. Assess need for additional off-site support from U.S. Coast Guard, U.S. Department of Energy, REEF Associates, INPO, NSSS Vendor, Architect/Engineer, others	_____	_____
10. Close-out with verbal summary to all Item 6 contacts when appropriate	_____	_____
11. Request the RM to complete necessary written reports as follows:		
Nuclear Regulatory Commission within 24 hours	_____	_____
Bureau of Disaster Preparedness within 24 hours.	_____	_____

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PROCEDURE 1102
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Page 1

1.0 Title:

DUTIES OF THE RECOVERY MANAGER, OFF-SITE EMERGENCY ORGANIZATION

Recovery Manager: Manager of Nuclear Operations, Nuclear Energy

Alternate: (1) Assistant Manager of Nuclear Operations -
Nuclear Energy

Alternate: (2) Manager of Nuclear Energy Services, Nuclear Energy

2.0 Approval and List of Effective Pages

2.1 Approval

Reviewed by H.D. Johnson Emergency Planning Supervisor
1-29, 1982

Approved by J.W. Williams Director, Nuclear
Energy 1-29, 1982

2.2 List of Effective Pages

Page 1 through 10, inclusive Date 2/1/82

3.0 Scope

3.1 Purpose

This procedure lists the duties and responsibilities of the Recovery Manager (RM) in the Off-Site Emergency Organization.

3.2 Discussion

The Off-Site Emergency Organization (see Figure 1) provides an expanded emergency response capability to assist the plant in administration, communications, engineering, technical support, security, and public relations. This organization, which is composed of company officials and a staff of assistants, is managed by the ECO and the Recovery Manager.

The RM is a designated Senior Manager who has knowledge of nuclear plant operations and design and who is responsible for assisting the ECO in managing the Company's expanded emergency response organization. The RM can report to the General Office Emergency Center (for St. Lucie or Turkey Point), or the interim Emergency Operations Facility (for St. Lucie) depending upon the ECO's assessment of the situation. Note: The designated interim EOF for Turkey Point is the General Office Emergency Center.

The RM will formulate protective action recommendations to offsite officials when the interim EOF is manned and operational relieving the EC of this responsibility.

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DUTIES OF THE RECOVERY MANAGER,
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3.3 Authority

This procedure implements the Turkey Point Plant Radiological Emergency Plan and the St. Lucie Plant Radiological Emergency Plan.

4.0 Precautions

- 4.1 The Checklists appearing at the end of this procedure serve as a guide to Recovery Manager regarding certain information that may be useful to have available when contacting offsite agencies and organizations. It is not a requirement of this procedure to complete these checklists during an emergency.
- 4.2 The Recovery Manager shall be notified of all emergencies and mobilized for Site Area and General Emergencies. He may be mobilized for Alerts or Unusual Events.

5.0 Responsibilities

- 5.1 Inform the Emergency Control Officer periodically of the on-site status and immediately of any significant changes.
- 5.2 Provide support and data as necessary to the Emergency Coordinator.
- 5.3 Obtain information on diagnosis and prognosis of the emergency, estimates of radioactive releases, prevailing meteorological conditions, projected radiological exposures and recommended protective actions prior to activation of the interim EOF.
- 5.4 Provide protective action recommendations to offsite authorities when the interim EOF is manned and operational.
- 5.5 Assume from the EC, the responsibility for communicating such information to and coordinating with the state and county response organizations. This responsibility may be delegated.
- 5.6 Assure continuity of technical and administrative support, and material resources.
- 5.7 Request additional support as necessary.
- 5.8 Provide for logistics support for emergency personnel (e.g. transportation, communications, temporary quarters, food and water, sanitary facilities in the field, and special equipment and supplies procurement.)

6.0 References

- 6.1 Turkey Point Plant Radiological Emergency Plan
- 6.2 St. Lucie Plant Radiological Emergency Plan
- 6.3 10 CFR 20.403

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6.4 10 CFR 50.72

6.5 10 CFR 50 Appendix E

6.6 Offsite Emergency Organization Procedure 1101, Duties of the
Emergency Control Officer.

6.7 Offsite Emergency Organization Procedure 1301, Emergency Roster

7.0 Records

All significant information, events, and actions taken relative to his
duties during the emergency period will be recorded by the Recovery
Manager, his alternate, or his designee.

8.0 Instructions

8.1 Receive notification of the emergency from the Emergency Control
Officer and obtain from him information shown on the attached
Checklist 1, as available.

8.2 Report to the General Office Emergency Center or the interim
Emergency Operations Facility as directed by the Emergency Control
Officer.

8.3 Upon arrival and when operational (at the General Office Emergency
Center or interim EOF) notify the Emergency Coordinator and
Emergency Control Officer and assume responsibility for communication
with offsite agencies.

8.4 Complete the activities shown on the attached Checklist 2 and
periodically assess the status of all such activities.

8.5 Use additional support agencies as necessary. Phone numbers are
supplied in the Offsite Emergency Roster (Procedure 1301)

8.6 When operational at the interim EOF provide protective action
recommendations to offsite authorities. Appendix A of this procedure
describes the methodology for determination of these protective
actions. Protective action recommendations should be formulated
using available plant data and radiological conditions.

CHECKLIST 1
EMERGENCY INFORMATION CHECKLIST
MESSAGE FORM FOR NOTIFICATION
TO THE STATE OF FLORIDA

DATE AND TIME OF MESSAGE _____

1. SITE
 - ☐ ST. LUCIE
 - ☐ TURKEY POINT
2. ACCIDENT CLASSIFICATION
 - ☐ UNUSUAL EVENT
 - ☐ ALERT
 - ☐ SITE AREA EMERGENCY
 - ☐ GENERAL EMERGENCY
3. UNIT NUMBER(S)
 - ☐ ONE (1)
 - ☐ TWO (2)
 - ☐ THREE (3)
 - ☐ FOUR (4)
4. TIME AND DATE OF INCIDENT/EVENT. TIME _____ DATE _____
5. INCIDENT INVOLVES: _____

6. SITUATION INVOLVED:
 - ☐ NO RELEASE
 - ☐ POTENTIAL (POSSIBLE) RELEASE
 - ☐ IMMINENT (PROBABLE) RELEASE
 - ☐ A RELEASE IS OCCURRING
 - ☐ A RELEASE THAT OCCURRED, BUT STOPPED
7. TYPE OF RELEASE IS:
 - ☐ RADIOACTIVE GASEOUS
 - ☐ NON-RADIOACTIVE GASEOUS
 - ☐ RADIOACTIVE LIQUID
 - ☐ NON-RADIOACTIVE LIQUID
 - ☐ NON-APPLICABLE
8. RECOMMENDED PROTECTION ACTIONS:
 - ☐ FOR INFORMATION ONLY - (UNUSUAL EVENT OR ALERT)
 - ☐ PREPARE FOR POSSIBLE ACTION INVOLVING THE PUBLIC, TO INCLUDE NOTIFICATION. (ALERT OR SITE AREA EMERGENCY)
 - ☐ NOTIFY PUBLIC TO TAKE THE FOLLOWING PROTECTIVE ACTIONS. (SITE AREA OR GENERAL EMERGENCY)
 - NO ACTION SHELTER EVACUATE
 - ☐ ☐ ☐ 0-2 MILE RADIUS (GASEOUS RELEASE)
 - ☐ ☐ ☐ 2-5 MILES FOR SECTORS _____ (GASEOUS RELEASE)
 - ☐ ☐ ☐ 5-10 MILES FOR SECTORS _____ (GASEOUS RELEASE)
 - ☐ ☐ ☐ _____ MILES
 - ☐ DISCONTINUE USE OF POTENTIALLY AFFECTED WATER IN _____ LOCATIONS
9. RELEASE IS:
 - ☐ CONTINUING - EXPECTED DURATION OR MAGNITUDE _____
 - ☐ TERMINATED - APPROXIMATE DURATION OR MAGNITUDE _____
10. REPORT OF GASEOUS RELEASE IS: ☐ GROUND LEVEL

NOTE USE NOT APPLICABLE (N/A) WHERE APPROPRIATE

CHECKLIST 1 (cont'd)

11. WIND SPEED: _____ MILES PER HOUR

12. WIND DIRECTION DATA (CHECK ONE, READ ACROSS)

<u>WIND FROM</u>	<u>DEGREES</u>	<u>WIND TOWARD</u>	<u>SECTORS AFFECTED</u>
[A] ---N-----	349-11-----	S-----	H J K
[B] ---NNE-----	12-33-----	SSW-----	J K L
[C] ---NE-----	34-56-----	SW-----	K L M
[D] ---ENE-----	57-78-----	WSW-----	L M N
[E] ---E-----	79-101-----	W-----	M N P
[F] ---ESE-----	102-123-----	WNW-----	N P Q
[G] ---SE-----	124-146-----	NW-----	P Q R
[H] ---SSE-----	147-168-----	NNW-----	Q R A
[J] ---S-----	169-191-----	N-----	R A B
[K] ---SSW-----	192-213-----	NNE-----	A B C
[L] ---SW-----	214-236-----	NE-----	B C D
[M] ---WSW-----	237-258-----	ENE-----	C D E
[N] ---W-----	259-281-----	E-----	D E F
[P] ---WNW-----	282-303-----	ESE-----	E F G
[Q] ---NW-----	304-326-----	SE-----	F G H
[R] ---NNW-----	327-348-----	SSE-----	G H J

13. CURRENT OUTSIDE TEMPERATURE: [A] _____ °F

14. WEATHER CONDITIONS (RAIN, SNOW, SLEET, ETC.): _____

15. TEMPERATURE DIFFERENCE (DELTA T): [A] _____ °F

ELEVATION OF TEMP. DIFFERENCE MEASUREMENT: _____

STABILITY CLASS (IF KNOWN) _____

16. RELEASE DETECTED BY:

[A] VISUAL

[B] SAMPLE RESULTS ARE: _____

[C] INSTRUMENTATION _____ LOCATION _____ RELEASE RATE (C1/sec) _____

17. ACCIDENT RELATED INJURIES: [A] NO [B] YES NUMBER OF INJURIES _____

18. OTHER

INFORMATION: _____

19. MESSAGE REPORTED BY:

NAME

ORGANIZATION

TELEPHONE (OUTSIDE #)

20. MESSAGE RECEIVED BY:

YOUR NAME

TIME

DATE

CONTINUE TO NEXT PAGE FOR:

1) PLANT DUTY SUPERVISOR

2) EMERGENCY CONTROL OFFICER/RECOVERY MANAGER/NUCLEAR ENERGY DUTY OFFICER

3) OHS RADIOLOGICAL DUTY OFFICER

NOTE USE NOT APPLICABLE (N/A) WHERE APPROPRIATE.

CHECKLIST 1 (cont'd)

EMERGENCY INFORMATION CHECKLIST

ADDENDUM TO MESSAGE FORM FOR NOTIFICATION TO THE STATE OF FLORIDA

1. DATE AND / /
TIME OF MESSAGE
2. ASSESSMENT OF THE
EMERGENCY (INCLUDING
POTENTIAL FOR ESCALATION
TO HIGHER CLASS)
3. BASIC DESCRIPTION OF THE EVENT
4. ESTIMATE OF RADIOACTIVE MATERIAL RELEASED (GASEOUS):
NOBLE GASES: SOURCE TERM: Ci/Sec
TOTAL RELEASE: Ci
RADIOIODINES: SOURCE TERM: Ci/Sec
TOTAL RELEASE: Ci
5. ESTIMATE OF PROJECTED OFFSITE DOSE RATES:

DISTANCE	THYROID (mrem/hr)	WHOLE BODY (mrem/hr)
1 mile (site boundary)		
2 miles		
5 miles		
10 miles		

CHECKLIST 2
RECOVERY MANAGER

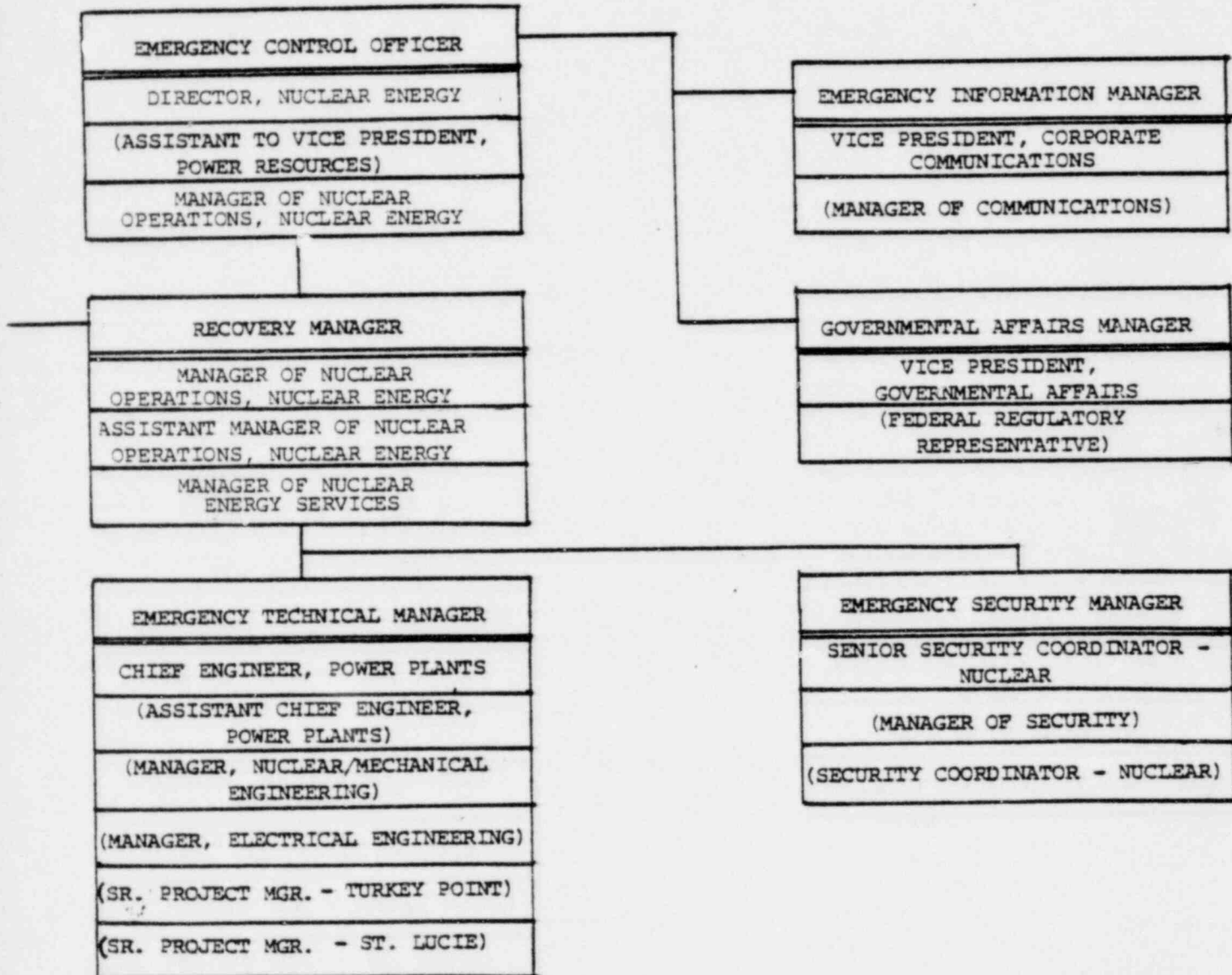
<u>Action</u>	<u>Time Log</u>			
	<u>Initial</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Close</u> <u>Out</u>
1. Time of receipt of initial notification from ECO.	_____	_____	_____	_____
2. Obtain Checklist 1 data (to the extent available)	_____	_____	_____	_____
A. Initial	_____	_____	_____	_____
B. Update	_____	_____	_____	_____
C. Checklist Complete	_____	_____	_____	_____
3. Establish contact with Emergency Coordinator	_____	_____	_____	_____
4. Organize response teams at the General Office Emergency Center or interim Emergency Operations Facility, as specified by the ECO.	_____	_____	_____	_____
5. Relieve Emergency Coordinator of his off-site emergency communications responsibilities when the interim EOF is manned and operational.	_____	_____	_____	_____
6. Establish communications with the following agencies:	_____	_____	_____	_____
6.1 Bureau of Disaster Preparedness Duty Warning Officer, Tallahassee (1-904-488-1320)	_____	_____	_____	_____
6.2 Department of Health and Rehabilitative Services, Radiological Duty Officer, Orlando(1-299-0580)	_____	_____	_____	_____
6.3 <u>PTP only</u> <u>PSL only</u>	_____	_____	_____	_____
a) Dade a) St. Lucie	_____	_____	_____	_____
County EOC County EOC	_____	_____	_____	_____
(596-8700) (461-5201)	_____	_____	_____	_____
b) Monroe b) Martin	_____	_____	_____	_____
County EOC County EOC	_____	_____	_____	_____
(294-9581) (287-1652)	_____	_____	_____	_____

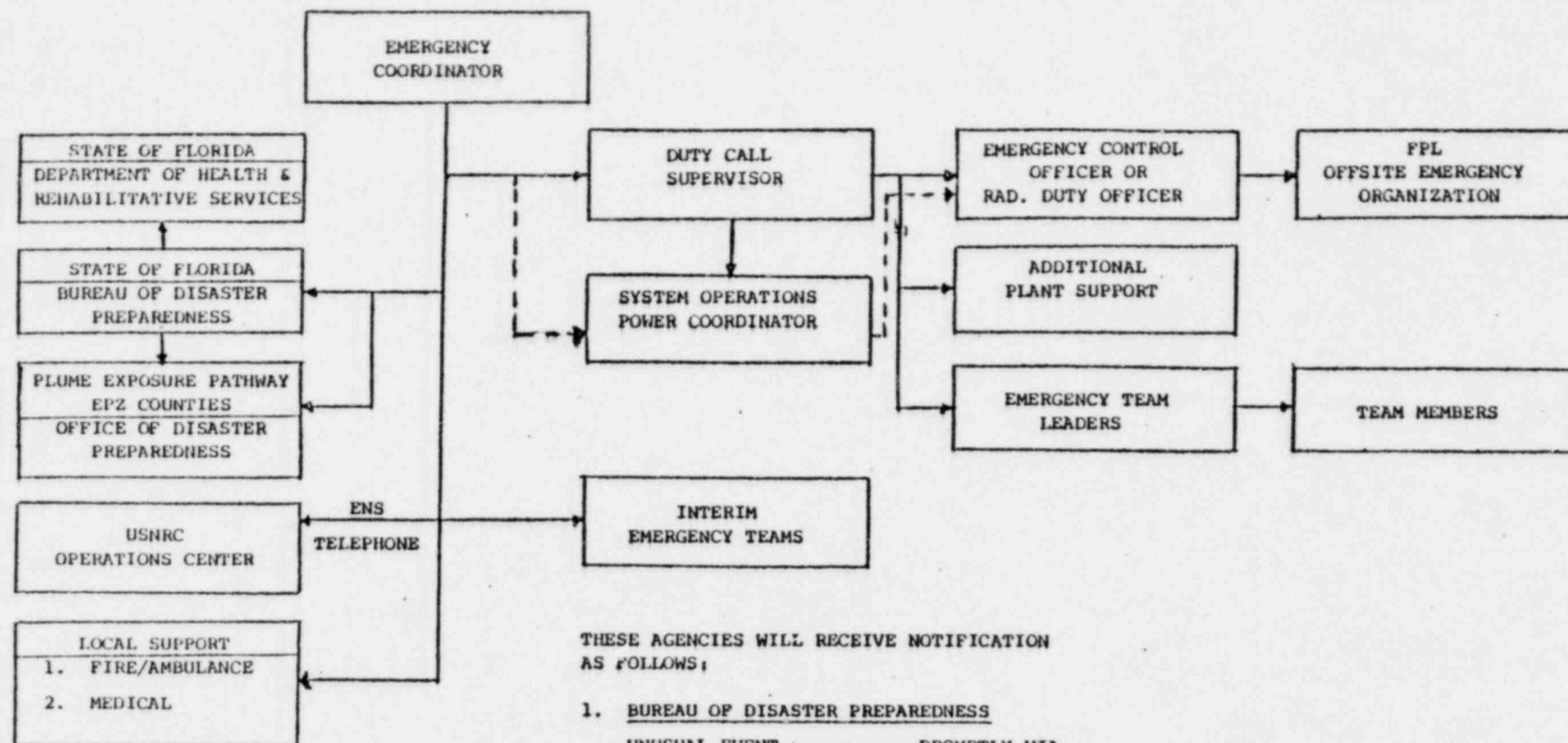
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CHECKLIST 2 (CONT'D)

<u>Action</u>	<u>Time Log</u>			
	<u>Initial</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Close</u> <u>Out</u>
6.5 Nuclear Regulatory Commission Region II, Office of Inspection and Enforcement (1-404-221-4503)				
7. Assess status of assigned responsibilities for the following periodically:				
7.1 Emergency Control Officer (See Procedure 1101)				
7.2 Emergency Security Manager (See Procedure 1.04)				
7.3 Emergency Technical Manager (See Procedure 1.05)				
8. Update Checklist 1 data periodically and communicate to state and county authorities				
9. Assess need for additional off-site support from U.S. Coast Guard, U.S. Department of Energy REEF Associates, INPO, NSSS Vendor, Architect/Engineer, others.				
10. Close-out with verbal summary to all Item 6 contacts when directed to do so by the ECO.				
11. Complete necessary written reports as follows: Nuclear Regulatory Commission within 24 hours Bureau of Disaster Preparedness within 24 hours.				

FIGURE 1





THESE AGENCIES WILL RECEIVE NOTIFICATION AS FOLLOWS:

1. BUREAU OF DISASTER PREPAREDNESS

UNUSUAL EVENT AND ALERT PROMPTLY VIA TELEPHONE

SITE AREA EMERGENCY AND GENERAL EMERGENCY PROMPTLY VIA NAWAS

2. COUNTY OFFICE OF DISASTER PREPAREDNESS

UNUSUAL EVENT AND ALERT VIA BDP PROMPTLY VIA TELEPHONE

SITE AREA EMERGENCY AND GENERAL EMERGENCY PROMPTLY VIA NAWAS

3. USNRC

VIA ENS WITHIN 1 HOUR OF DECLARATION OF AN EMERGENCY

PLANT
INITIAL NOTIFICATION FLOW
FIGURE 2

—— PRIMARY COMMUNICATIONS FLOW
----- ALTERNATE COMMUNICATIONS FLOW

APPENDIX A

Protective Action Recommendations

FPL is required to provide county and state governmental authorities with recommendations for protective actions to be taken by the public during radiological emergencies at the Turkey Point or St. Lucie Nuclear Power Plants. The responsible authorities are: (1) The State Bureau of Disaster Preparedness (both plants), (2) St. Lucie and Martin Counties (St. Lucie Plant), and (3) Dade and Monroe Counties (Turkey Point Plant). Due to the large political and legal ramifications of these recommendations and the potential impact on FPL, the following format and content should be used.

1. If the emergency has been classified as a General Emergency and no onsite dose estimates or field survey results are available, refer to Figure A-1, and evaluate offsite protective action recommendations.
2. If the emergency has been classified and the offsite doses are less than 0.5 rem whole body or 1 rem to the thyroid at 1 mile over the projected duration of the release; no protective action is recommended. This should be reported to BDP and other outside agencies who inquire as:

"Based on our current assessment of all the information now available to us, Florida Power and Light Company recommends that you consider taking no protective actions. This recommendation may change in the future, but we can not now say when it may change or what it may change to." *

3. If the emergency has been declared and offsite dose information is available (from any credible source) use the dose information to enter the appropriate estimated offsite table (based on projected release duration of greater than or equal to 2 hours, use Figure A-2, for less than 2 hours, Figure A-3). The appropriate recommendations can then be made.

NOTE: If field survey results and calculated dose estimates are both available and conflict, use the most conservative values to determine the appropriate protective action recommendations.

Example: A release has occurred at the St. Lucie Plant with a projected duration of 2 hours. The wind direction is from the NNE and the projected offsite accumulated thyroid dose (i.e. accumulated over a 2 hour duration) is 10 rem at 1 mile, 2 rem at 2 miles, and less than 1 rem at 5 miles. Referring to Figure A-2, the following recommendation should be made.

"Based on our current assessment of all the information now available to us, Florida Power & Light Company recommends that you consider taking the following protective actions:

- A. EVACUATE all people between 0 and 2 miles from the plant.
- B. EVACUATE all people between a 2 and 5 mile radius from the plant who are in sectors J, K, & L (refer to Emergency Information Checklist, item 12) and SHELTER all people in all remaining sectors at this distance.

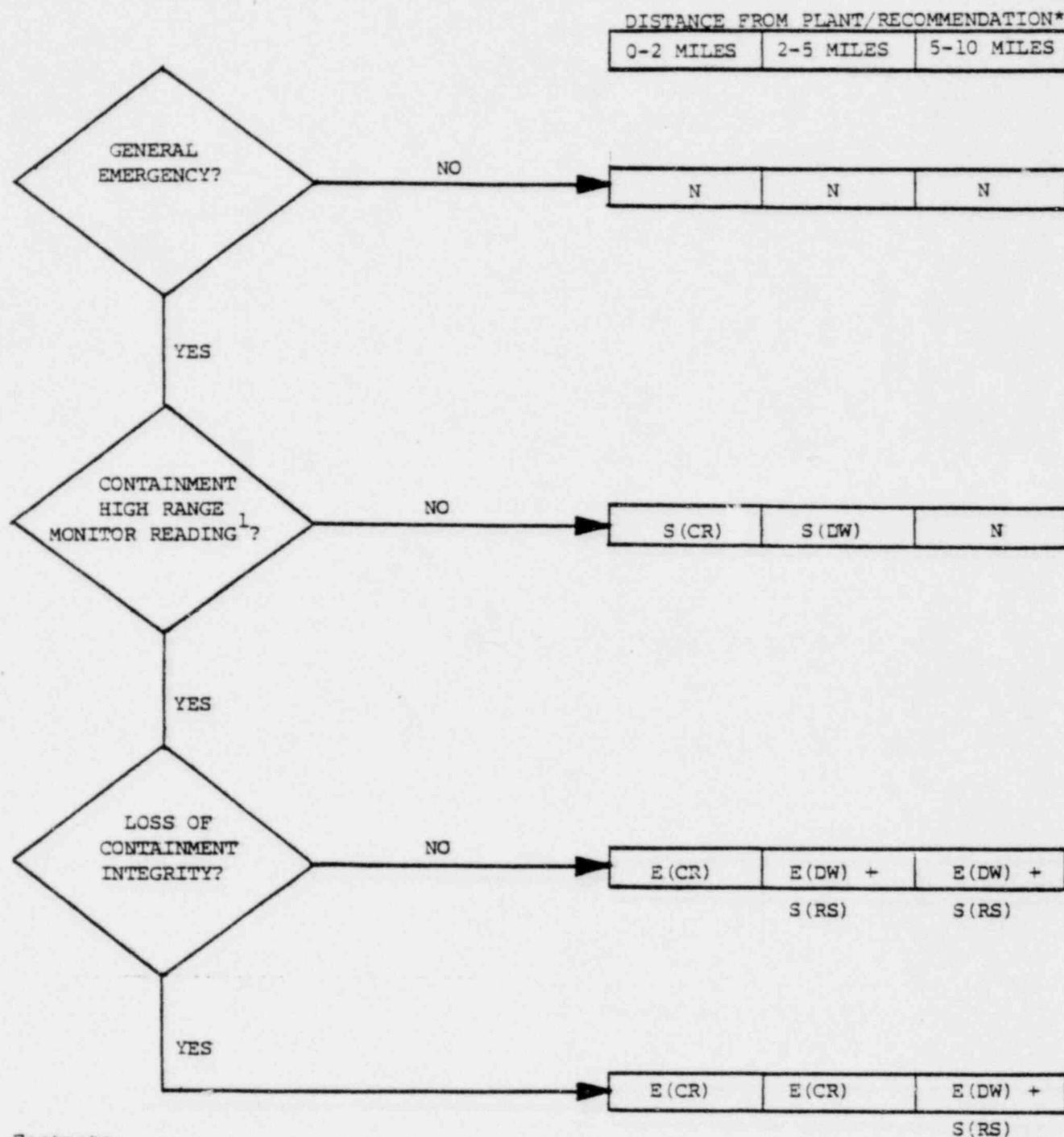
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- C. EVACUATE all people between a 5 and 10 mile radius from the plant who are in sectors J, K, and L (refer to Emergency Information Checklist, item 12) and SHELTER all people in all remaining sectors at this distance.

This recommendation may change in the future, but we can not now say when it may change or what it may change to."

3. For other emergency conditions which may occur, enter the figure for those conditions, determine the recommended protective actions and formulate the appropriate message in the above format and transmit it to BDP and local agencies.

FIGURE A-1

PROTECTIVE ACTION RECOMMENDATIONS BASED ON PLANT CONDITIONSFootnote:

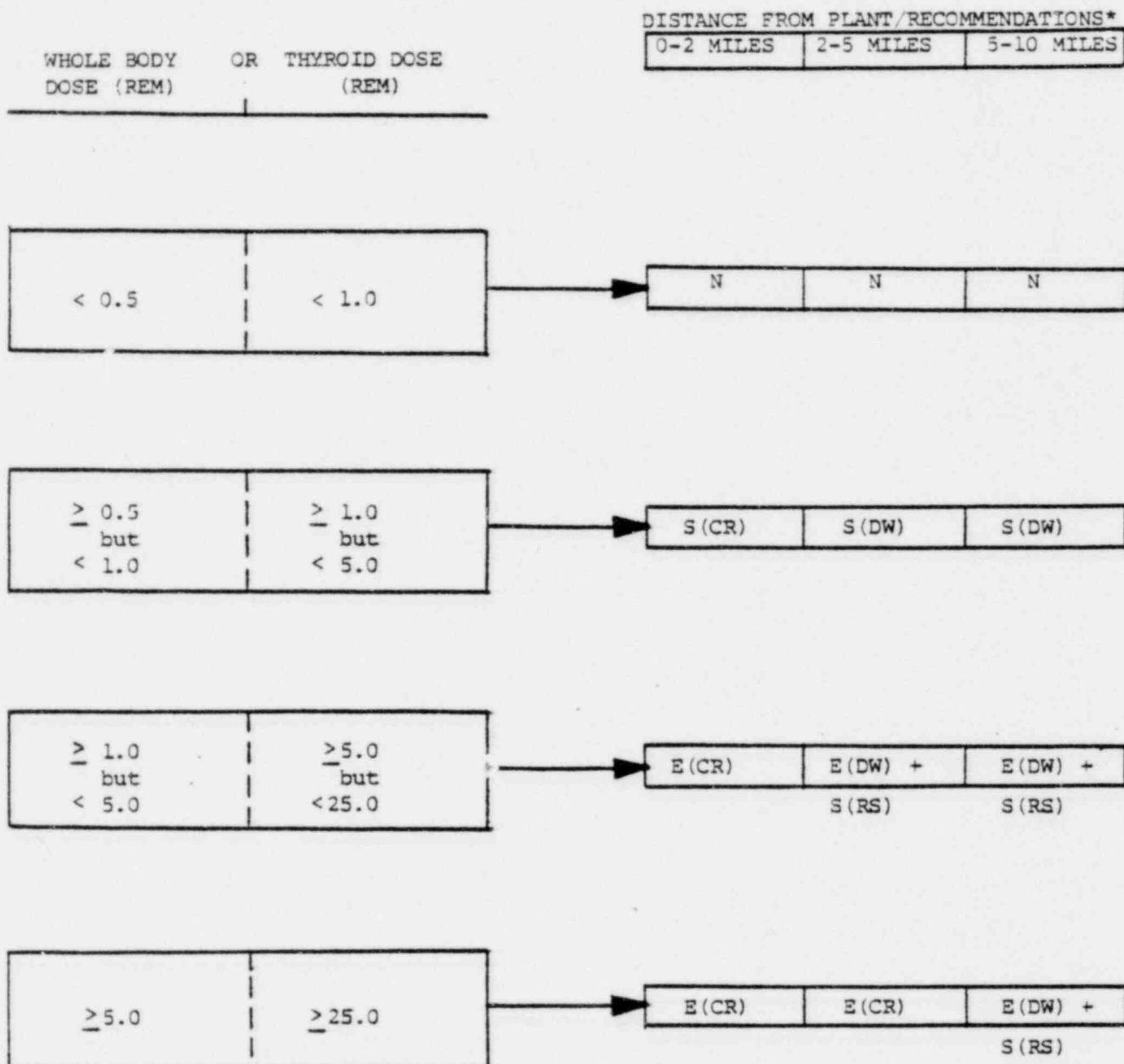
¹ For St. Lucie Plant this reading must be greater than or equal to 1.47×10^5 R/hr.

For Turkey Point Plant this reading must be greater than or equal to _____ R/hr.

*LEGEND OF ABBREVIATIONS

- N - No protective action recommended
- S - Sheltering recommended
- E - Evacuation recommended
- DW- Downwind sector + 2 adjoining sectors
- RS- Remaining sectors
- CR- Complete circle around plant at specified distance

PROTECTIVE ACTION RECOMMENDATIONS BASED ON ACTUAL RELEASE
(GREATER THAN OR EQUAL TO 2 HOUR DURATION) WITH OFFSITE DOSE ESTIMATES
(used in preference to Figure A-1)



NOTE:

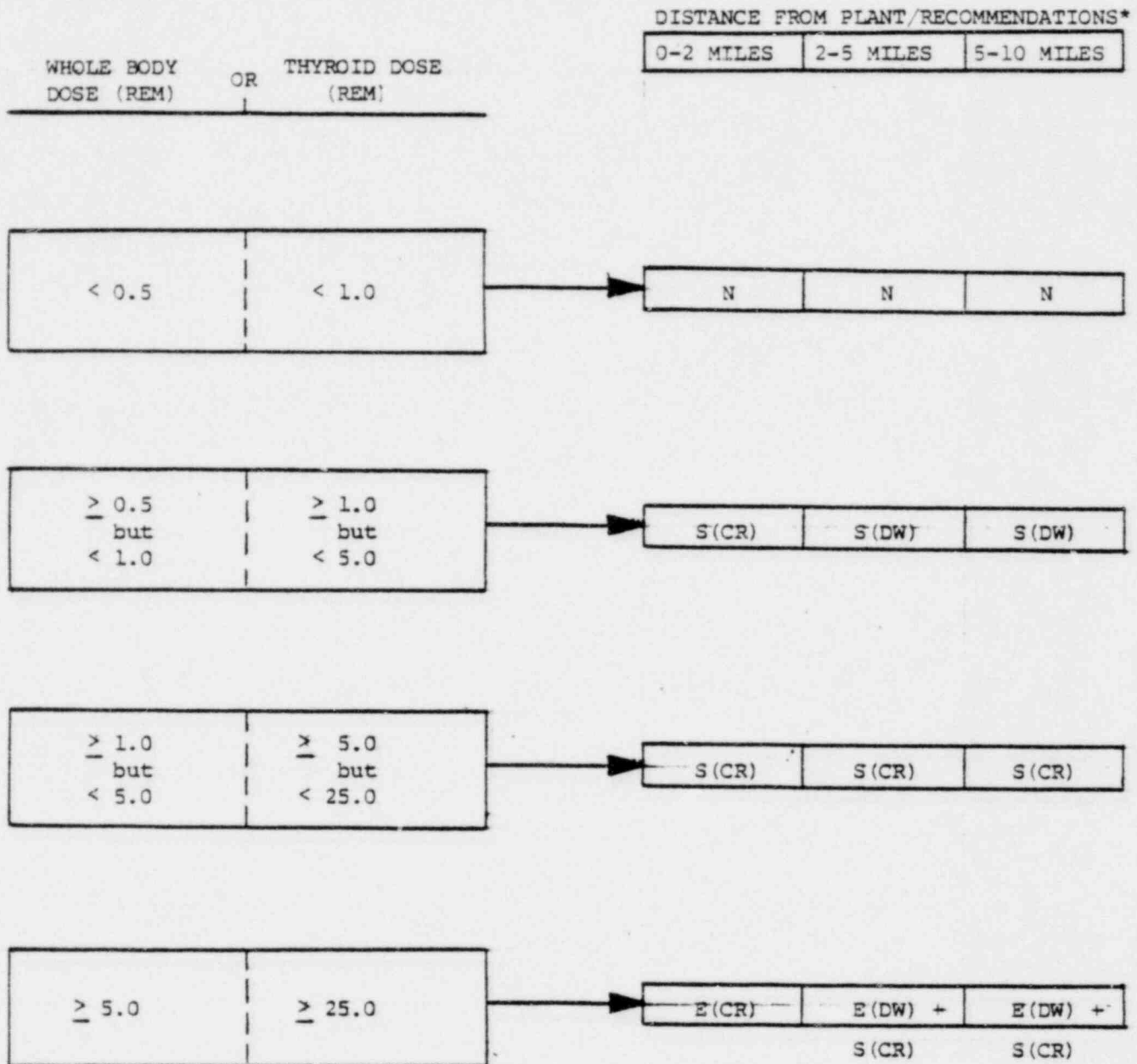
If the duration of the release is projected to be less than 2 hours, use Figure A-3.

*LEGEND OF ABBREVIATIONS

N - No protective action recommended
 S - Sheltering recommended
 E - Evacuation recommended
 DW- Downwind sector + 2 adjoining sectors
 RS- Remaining sectors
 CR- Complete circle around plant at specified distance

PROTECTIVE ACTION RECOMMENDATIONS BASED ON ACTUAL RELEASE
(LESS THAN 2 HOUR DURATION) WITH OFFSITE DOSE ESTIMATES

(used in preference to Figure A-1)



*LEGEND OF ABBREVIATIONS

- N - No protective action recommended
- S - Sheltering recommended
- E - Evacuation recommended
- DW- Downwind sector + 2 adjoining sectors
- RS- Remaining sectors
- CR- Complete circle around plant at specified distance

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1.0 Title:

Emergency Roster - Offsite Emergency Organization

2.0 Approval and List of Effective Pages:

2.1 Approvals

Reviewed by *H. Johnson* Emergency Planning Supervisor
1-29, 1982

Approved by: *J. Williams* Director, Nuclear Energy,
1-29, 1982

2.2 List of Effective Pages

<u>Page</u>	<u>Date</u>
1 through 9, inclusive	1/4/82

3.0 Scope:

3.1 Purpose

This procedure provides the phone numbers of personnel involved with emergency response to be called by the Emergency Control Officer (ECO) or his designee.

3.2 Discussion:

Upon activation of the Emergency Plan, the ECO or his designee will follow Procedure 1101 to make required notifications. The appendices of this procedure provide additional telephone numbers for use by the ECO or his designee.

3.3 Authority:

This procedure implements the Turkey Point Plant Radiological Emergency Plan and the St. Lucie Plant Radiological Emergency Plan.

4.0 Precautions:

None

5.0 Responsibilities:

5.1 The ECO or his designee shall make all phone calls prescribed in procedure number 1101 and the Emergency Plan.

5.2 The ECO or his designee shall maintain a record of all communications with offsite personnel and organizations.

5.3 The Emergency Planning Supervisor shall be responsible for periodic verification and updating of the Emergency Roster.

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5.4 FPL personnel on the Emergency Roster shall notify the Emergency Planning Supervisor when a change pertinent to information appearing in the roster occurs.

6.0 References:

- 6.1 Turkey Point Plant Radiological Emergency Plan
- 6.2 St. Lucie Plant Radiological Emergency Plan
- 6.3 10 CFR 50.72

7.0 Records:

Documentation of communications through logbook entries, check-off-list completion, tape recordings.

8.0 Instructions:

- 8.1 Appendix A is the ECO Emergency Call List. This appendix is used to provide the names of individuals responsible for various actions during emergencies.
- 8.2 Appendix B contains other phone numbers that may be useful for the ECO and RM.
- 8.3 Appendix C provides additional phone numbers for NRC Operations Center (Bethesda) notification.
- 8.4 Changes to the appendices shall be made with the approval of the Director, Nuclear Energy Department.

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APPENDIX A - ECO CALL LIST

Beeper access telephone numbers.

		(Miami) (Eastern Division) (Stuart)		
Title	Name	Telephone		BPR/EMER.
		Home	Office	
EXECUTIVE VICE PRESIDENT	E.A. Adomat			
RECOVERY MANAGER	C.O. Woody			**
Alternates:				
Asst. Manager, Power Resources - Nuclear	K.N. Harris			
Manager, Power Resources - Nuclear Services	H.N. Paduano			
EMERGENCY INFORMATION MANAGER	J.H. Francis			**
Alternates:				
Manager of Communications	L.J. Snipes			
Duty Corporate Communication Officer	Corp. Comm. Duty Roster			
EMERGENCY TECHNICAL MANAGER	W.H. Rogers			*
Alternates:				
Asst. Chief Engr. - Power Plts	E.H. O'Neal			
Mgr. Nuclear/Mech Engr.	L.F. Pabst			
Mgr. Electrical Engr.	D. VanTassell			
Sr. Project Manager - PTP	S.G. Brain			
Sr. Project Manager - PSL	C.S. Kent			

* May be accessed through Eastern Division or Stuart beeper access telephone numbers.

** Emergency Duty Headquarters Location Number.

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APPENDIX A ECO CALL LIST

Title	Name	Telephone		
		Home	Office	BPR/EMER.
EMERGENCY SECURITY MANAGER	F.H. Fabor			**
<u>Alternates:</u>				
Manager of Security	K.L. Caldwell			
Sr. Security Coordinator - Nuc. (On Rotation at Mgmt. Services)	J.M. McCabe			
<hr/>				
GOVERNMENTAL AFFAIRS MANAGER	T.E. Danese			**
<u>Alternate:</u>				
Federal Regulatory Representative	W.G. Walker II			
If the GAM or his alternate cannot be contacted,				
State Regulatory Representative	W.R. Ellis			
Governmental Affairs Advisor	T. Nicholson			
Governmental Affairs Advisor	M. Villar			
<hr/>				
*RISK DEPT. MANAGER	R.E. Hinds			
<u>Alternates:</u>				
Asst. Risk Manager	J.P. Beyer			
Loss Prevention Engineer	J.L. Dymek			
Coordinator, Risk Dept.	M. McCandlish			
Coordinator, Risk Dept.	R.J. Newell			
<hr/>				
*VICE PRESIDENT, ADVANCED SYSTEMS & TECHNOLOGY	R.E. Uhrig			
<u>Alternates:</u>				
Director of Nuclear Affairs	J.E. Vessely			
Manager of Nuclear Licensing	J.A. DeMastry			

* Call as appropriate to type of incident.

** Emergency Duty Headquarters Location Number.

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APPENDIX A ECO CALL LIST
OUTSIDE AGENCIES

TITLE	NAME/ADDRESS	OFFICE PHONE	OFF HOURS OR EMER. PHONE
STATE WARNING PT., TALLAHASSEE Duty Warning Officer (BDP)	1720 Gadsden St. Tallahassee, FL 32301		
Alternates: 1. Alt. State Warning Pt., Tallahassee Duty Communications Officer 2. Florida Highway Patrol			
DEPT. OF HEALTH & REHAB. SERVICES, Radiological Emergency Duty Officer	N. HIAWASSEE RD. Sunland Center Orlando, FL 32808		
Region II, Office of Inspection and Enforcement U.S. Nuclear Regulatory Commission	Suite 3100 101 Marietta St. Atlanta, GA 30303		
U.S. DOE - Savannah River Operations Office, Aiken South Carolina	SROO Duty Officer		
U.S. Coast Guard	U.S. Coast Guard Central Ops.		
*U.S. DOE Radiation Emergency Assistance Center/Training Site (REAC/TS)	Oak Ridge Hosp. of the Methodist Church Oak Ridge, Tenn 37830		
*Shands Teaching Hospital and Clinics (Contingent medical facility only)	University of Florida Gainesville, FL		

* These notifications are made only if the ECO feels that these organizations assistance is required.

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APPENDIX A - ECO CALL LIST
OUTSIDE AGENCIES

TITLE	NAME/ADDRESS	OFFICE PHONE	OFF HOURS OR EMER. PHONE
*Westinghouse Electric Corporation Operating Plant Service Manager	John Miller		
<u>Alternates:</u>			
	1. Tim Sullivan		
	2. John Gallik		
*INSTITUTE FOR NUCLEAR POWER OPERATIONS, Duty Officer	1820 Water Place Atlanta, GA 30339		
<u>FOR TURKEY POINT:</u>			
Dade County Civil Defense Div.	A.C. Fischer 5600 S.W. 87 Avenue		
Monroe County Civil Defense	W.A. Wagner		
<u>FOR ST. LUCIE:</u>			
St. Lucie County Disaster Prep. Coordinator	P.J. Rodi 408 Browns Ct. Ft. Pierce		
Martin County Disaster Prep. Coordinator	W. O'Brien 6000 S.E. Tower Drive Stuart, FL 33494		

* These notifications are made only if the ECO feels that these organizations' assistance is required.

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APPENDIX B
Other Useful Telephone Numbers

<u>FACILITY:</u>	<u>PTP</u>	<u>PSL</u>
Control Room		
TSC		
EOF		
Assembly		
	<u>OFFICE</u>	<u>HOME</u> <u>BEEPER</u>
Emergency Control Officer		
J.W. Williams, Jr.		
J.R. Bensen		
<u>Nuclear Energy Duty Officer</u>		
R.J. Acosta		
D.K. James		
W.A. Klein		
J.E. Moaba		
J.L. Danek		
H.D. Johnson		
<u>STAFF.</u>		
<u>Plant Support</u>		
R. Li		
S.H. Shepherd		
B.J. Pagnozzi		
R.W. Kemmer		

* May be accessed through Eastern Division or Stuart beeper telephone numbers.

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Appendix B (Continued)

Licensing

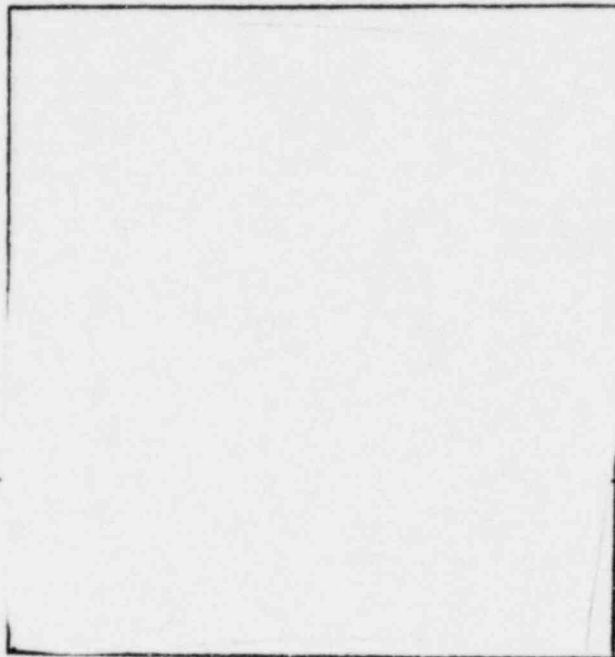
J.E. Moaba
P.L. Pace
P.K. Green

Health Physics

J.L. Danek
S.C. Perle
J.J. Maisler
H.D. Johnson
R.A. Meck
S.A. Kingsbury

LEP Staff:

R. Kaminsky
D. Chaney



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APPENDIX C

EMERGENCY TELEPHONE NUMBERS FOR NRC NOTIFICATION

TELEPHONE SYSTEM

TELEPHONE NUMBER

1. Commercial Telephone System to
NRC Operations Center
(via Bethesda Central Office)
2. Commercial Telephone System to
NRC Operations Center
(via Silver Spring Central Office)
3. Commercial Telephone System
to NRC Operator
(via Bethesda Central Office)