

FLORIDA POWER & LIGHT COMPANY  
DUTIES OF THE RECOVERY MANAGER,  
OFF-SITE EMERGENCY ORGANIZATION  
PROCEDURE 1102  
6/1/83

Page 1

1.0 Title:

DUTIES OF THE RECOVERY MANAGER, OFF-SITE EMERGENCY ORGANIZATION

Recovery Manager: Manager, Nuclear Energy

Alternate: (1) Assistant Manager, 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  
6-3-83, 1983

Approved by [Signature] Vice President, Nuclear  
Energy 6-7, 1983

2.2 List of Effective Pages

<u>Page</u>	<u>Date</u>
1 through 21, inclusive	6/1/83

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 Emergency Control Officer 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 (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 EOF for Turkey Point is in the General Office Building.

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

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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 EOF.
- 5.4 Provide protective action recommendations to offsite authorities when the EOF is manned and operational.
- 5.5 Assume from the EC, the responsibility for communicating emergency 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.)
- 5.9 Authorize voluntary personnel to exceed 10 CFR 20 limits for personnel exposure, not to exceed 5 rem to the whole body and/or 25 rem to the thyroid (if deemed necessary).

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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
- 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 or the Emergency Operations Facility as directed by the Emergency Control Officer.
- 8.3 Upon arrival and when operational (at the General Office Emergency Center or 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 EOF provide protective action recommendations to offsite authorities. Appendix A (PSL) or Appendix B (PTP) 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.

NOTE: If the EOF has been staffed with a health physicist designated to evaluate off-site doses, he should use the appropriate plant off-site dose calculation procedure (EPIP 3100033E: St. Lucie, EP 20126: Turkey Point)

CHECKLIST 1  
STATE OF FLORIDA  
NOTIFICATION MESSAGE FORM  
NUCLEAR POWER PLANTS

1. TIME AND DATE OF MESSAGE / REPORTED BY \_\_\_\_\_ / \_\_\_\_\_

2. SITE

3. ACCIDENT CLASSIFICATION

[B] ST. LUCIE UNIT 1

[A] NOTIFICATION OF UNUSUAL EVENT

[C] ST. LUCIE UNIT 2

[B] ALERT

[D] TURKEY POINT UNIT 3

[C] SITE AREA EMERGENCY

[E] TURKEY POINT UNIT 4

[D] GENERAL EMERGENCY

4. TIME AND DATE OF INCIDENT / EMERGENCY TIME \_\_\_\_\_ DATE \_\_\_\_\_

5. INCIDENT INVOLVES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. ACCIDENT RELATED INJURIES [A] NO [B] YES [C] CONTAMINATED INJURY

NUMBER OF INJURIES \_\_\_\_\_

7. SITUATION INVOLVES:

[A] NO RELEASE

[B] POTENTIAL (POSSIBLE) RELEASE

[C] A RELEASE IS OCCURRING - EXPECTED DURATION OR MAGNITUDE \_\_\_\_\_

[D] A RELEASE OCCURRED, BUT STOPPED - DURATION OR MAGNITUDE \_\_\_\_\_

8. TYPE OF RELEASE IS:

[A] RADIOACTIVE GASEOUS

[B] NON-RADIOACTIVE GASEOUS

[C] RADIOACTIVE LIQUID

[D] PARTICULATE MATTER

[E] NOT APPLICABLE

9. WIND DATA:

[A] WIND DIRECTION (FROM) \_\_\_\_\_ DEGREES @ 10 METERS

[B] WIND SPEED \_\_\_\_\_ MILES PER HOUR @ 10 METERS

[C] STABILITY CLASS \_\_\_\_\_

10. RECOMMENDED PROTECTIVE ACTIONS:

[A] NO RECOMMENDATIONS AT THIS TIME

NOTIFY THE PUBLIC TO TAKE THE FOLLOWING PROTECTIVE ACTIONS:

	No Action	Shelter	Evacuate
0-2 Mile Radius	[B]	[C]	[D]
2-5 Miles for Sectors	[E]	[F]	[G]
5-10 Miles for Sectors	[H]	[I]	[J]
Miles		[K]	[L]

11. CURRENT OUTSIDE TEMPERATURE: [A] \_\_\_\_\_ F @ 10 METERS

12. RELEASE RATE:

NOBLE GASES

DEFAULT [A] \_\_\_\_\_ Ci/sec

MEASURED [B] \_\_\_\_\_ Ci/sec

INSTRUMENT LOCATION \_\_\_\_\_ N/A

N/A

IODINES

[C] \_\_\_\_\_ Ci/sec

[D] \_\_\_\_\_ Ci/sec

\_\_\_\_\_ N/A Ci/sec

\_\_\_\_\_ N/A Ci/sec

13. SUPPLEMENTAL PAGES USED [A] NO [B] YES page(s) \_\_\_\_\_

MESSAGE RECEIVED BY:

\_\_\_\_\_  
NAME TIME DATE

CHECKLIST 1 (cont'd)  
STATE OF FLORIDA  
NOTIFICATION MESSAGE FORM  
SUPPLEMENTAL DATA

14. N/A (Intentionally left blank)

15. WIND DIRECTION DATA

	<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

16-20 RESERVED FOR FUTURE USE

MESSAGE RECEIVED BY:

\_\_\_\_\_  
NAME

\_\_\_\_\_  
TIME

\_\_\_\_\_  
DATE



CHECKLIST 1 (Cont'd)  
STATE OF FLORIDA  
NOTIFICATION MESSAGE FORM  
SUPPLEMENTAL DATA

21. BASIC DESCRIPTION OF RELEASE CHARACTERISTICS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

22. ESTIMATE OF RADIOACTIVE MATERIAL RELEASED:

NOBLE GASES	SOURCE TERM:	[A] _____ Ci/sec
	TOTAL RELEASE:	[B] _____ Ci
RADIOIODINES	SOURCE TERM:	[C] _____ Ci/sec
	TOTAL RELEASE:	[D] _____ Ci

23. ESTIMATE OF PROJECTED OFFSITE DOSE RATES:

<u>DISTANCE</u>	<u>THYROID (mrem/hr)</u>	<u>WHOLE BODY (mrem/hr)</u>
1 mile (Site Boundary)	[A] _____	[B] _____
2 miles	[C] _____	[D] _____
3 miles	[E] _____ N/A	[F] _____ N/A
4 miles	[G] _____ N/A	[H] _____ N/A
5 miles	[I] _____	[J] _____
10 miles	[K] _____	[L] _____

24. SPECIAL DATA: [A] NO [B] YES \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MESSAGE RECEIVED BY:

NAME

TIME

DATE

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 Emergency Operations Facility, as specified by the ECO.				
5. Relieve Emergency Coordinator of his off-site emergency communications responsibilities when the EOF is manned and operational.				
6. Assume responsibility for communications with the following agencies:				
<u>Note:</u> Procedure 1301 contains off-hours and/or alternate phone numbers.				
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 County EOC (596-8700)	a) St. Lucie County EOC (461-5201)			
b) Monroe County EOC (294-9581)	b) Martin County EOC (287-1652)			

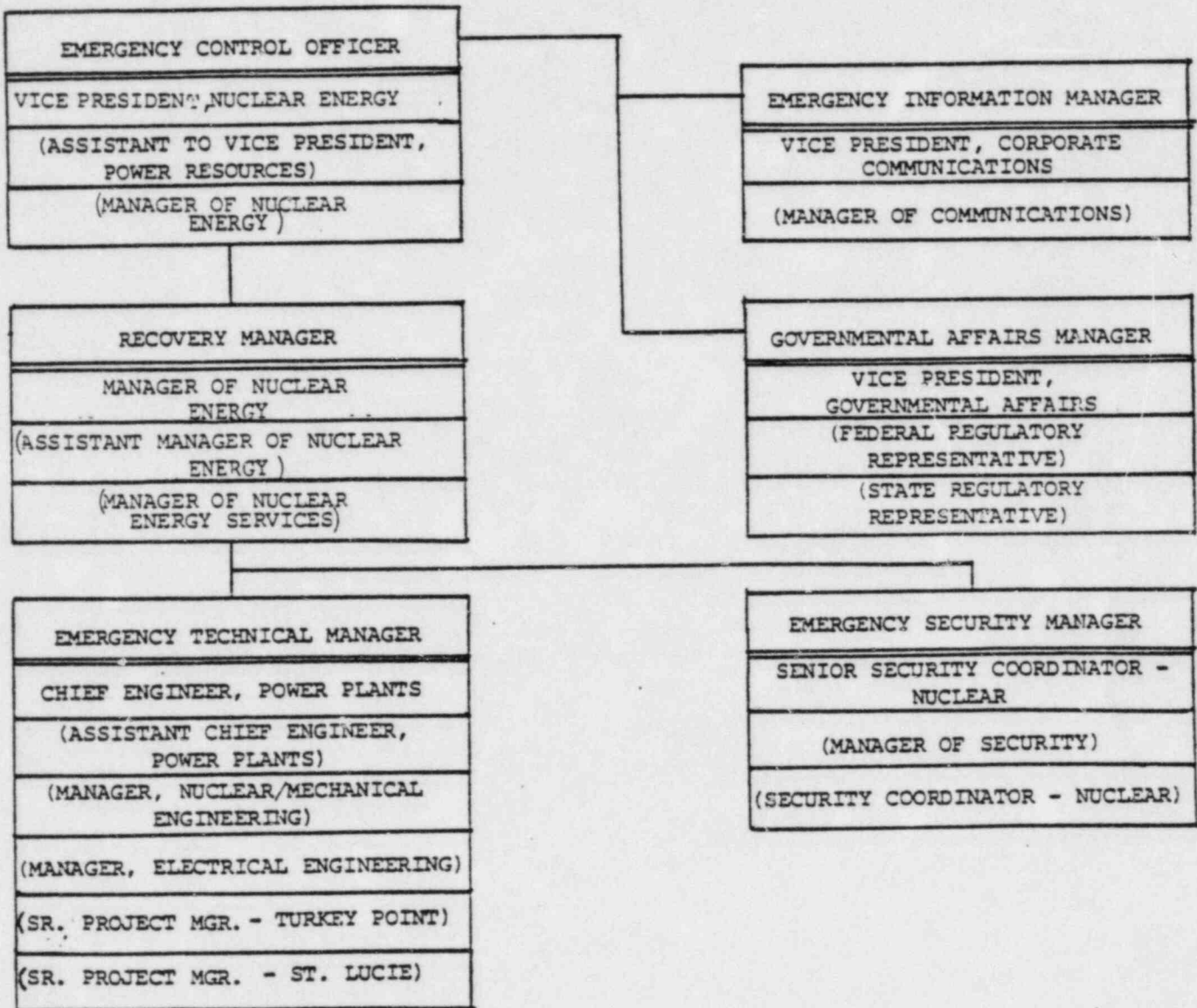
CHECKLIST 2 (Cont'd)

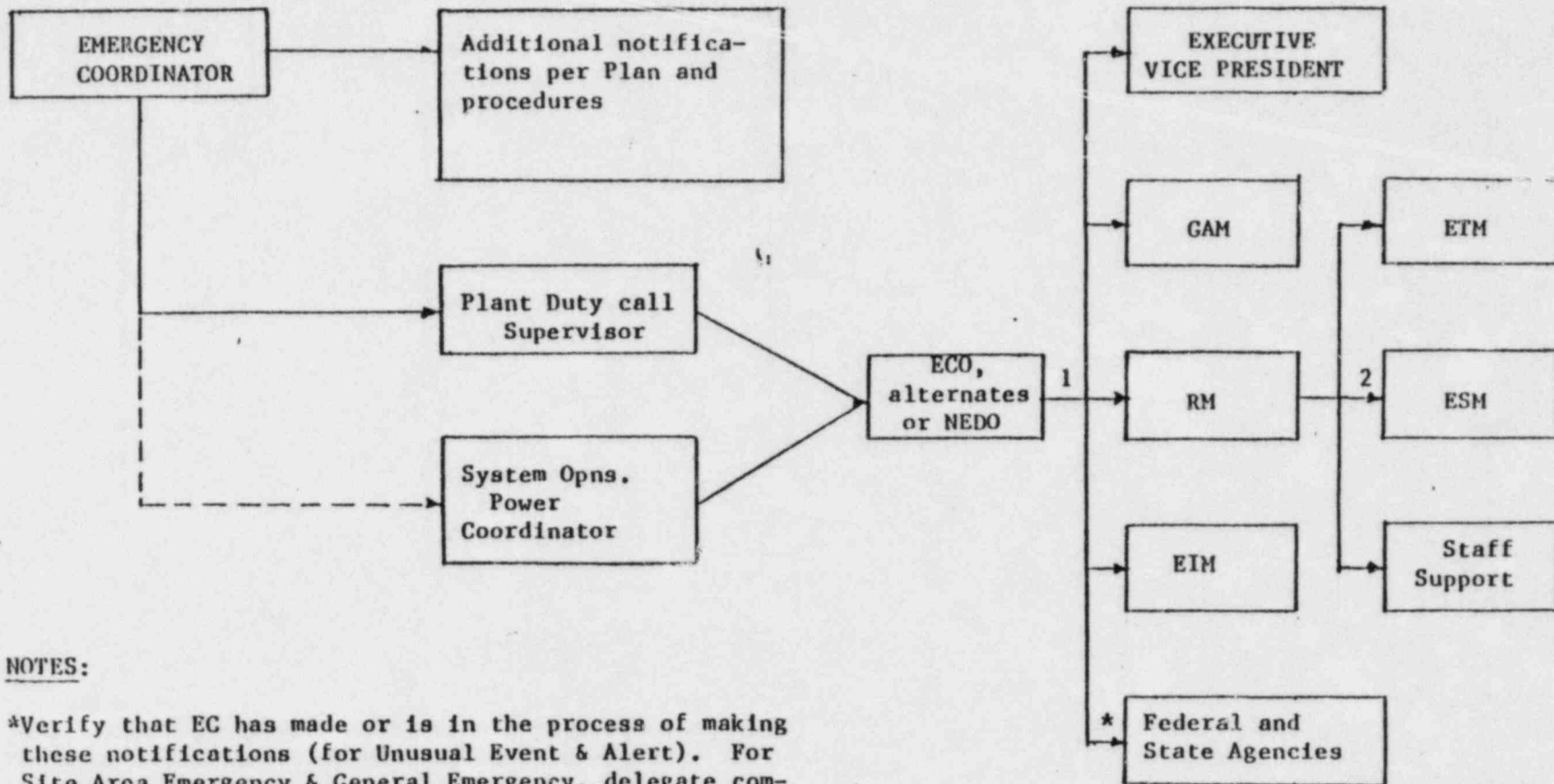
<u>Action</u>	<u>Time Log</u>			
	<u>Initial</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Status</u> <u>Check</u>	<u>Close</u> <u>Out</u>
6.5 Nuclear Regulatory Commission Region II, Office of Inspection and Enforcement (1-404-221-4503)				
7. Assess status of assigned responsibilities for the following periodically:				
7.1 Emergency Control Officer (See Procedure 1101)				
7.2 Emergency Security Manager (See Procedure 1104)				
7.3 Emergency Technical Manager (See Procedure 1105)				
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. Assist the ECO with considerations for de-escalation of an emergency when plant and radiological conditions warrant.				
11. Close-out with verbal summary to all Item 6 contacts when directed to do so by the ECO.				
12. Complete necessary written reports as follows: Nuclear Regulatory Commission within 24 hours Bureau of Disaster Preparedness within 24 hours.				



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FIGURE 1





**NOTES:**

\*Verify that EC has made or is in the process of making these notifications (for Unusual Event & Alert). For Site Area Emergency & General Emergency, delegate communications responsibilities to these agencies to RM (after the EOF is manned and operational).

1 Notifications made per Procedure 1101

2 Notifications made per Procedure 1102

**Figure 2**  
**Notification Flow**

APPENDIX A

Protective Action Recommendations - St. Lucie Plant

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 St. Lucie Nuclear Power Plant. The responsible authorities are: (1) The State Bureau of Disaster Preparedness (both plants), and (2) St. Lucie and Martin Counties. 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.

The contents of the recommendations are to be determined by using Figures A-1 through A-3 of this procedure as follows:

1. If the emergency has been classified as a General Emergency and no offsite dose estimates or field survey results are available, refer to Figure A-1, and evaluate offsite protective action recommendations.

NOTE: If a controlled release is necessary to stabilize plant conditions or an uncontrolled release is anticipated, determine the approximate source term, duration of the release, and the projected offsite doses prior to making any 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 cannot 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.

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 assesment 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. SHELTER all people between a 2 and 5 miles radius from the plant who are in sectors J, K, & L (refer to Emergency Information Checklist, item 12).
- C. No protective action is recommended between a 5 and 10 miles radius from the plant.

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

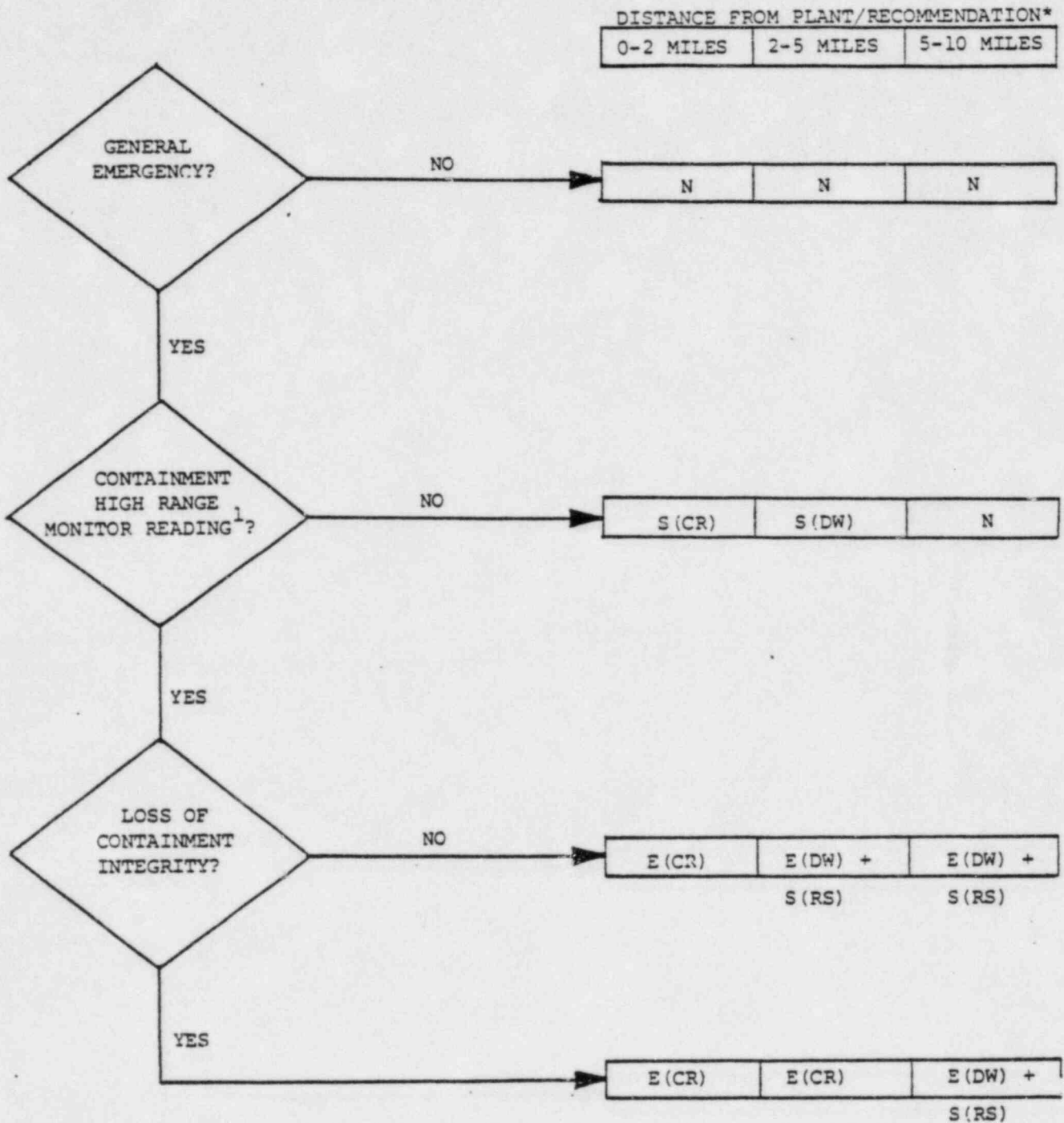
- 4. For other emergency conditions which may occur, enter the figure for those conditions, determine the recommended protective actions and formulate the appropriate message in the above format and transmit it to BDP and local agencies.
- 5. Protective action recommendations for a child have been incorporated into the figures.

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FIGURE A-1

St. Lucie Plant

PROTECTIVE ACTION RECOMMENDATIONS BASED ON PLANT CONDITIONS



Footnote:

<sup>1</sup> For St. Lucie Plant this reading must be greater than or equal to  $1.47 \times 10^5$  P/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



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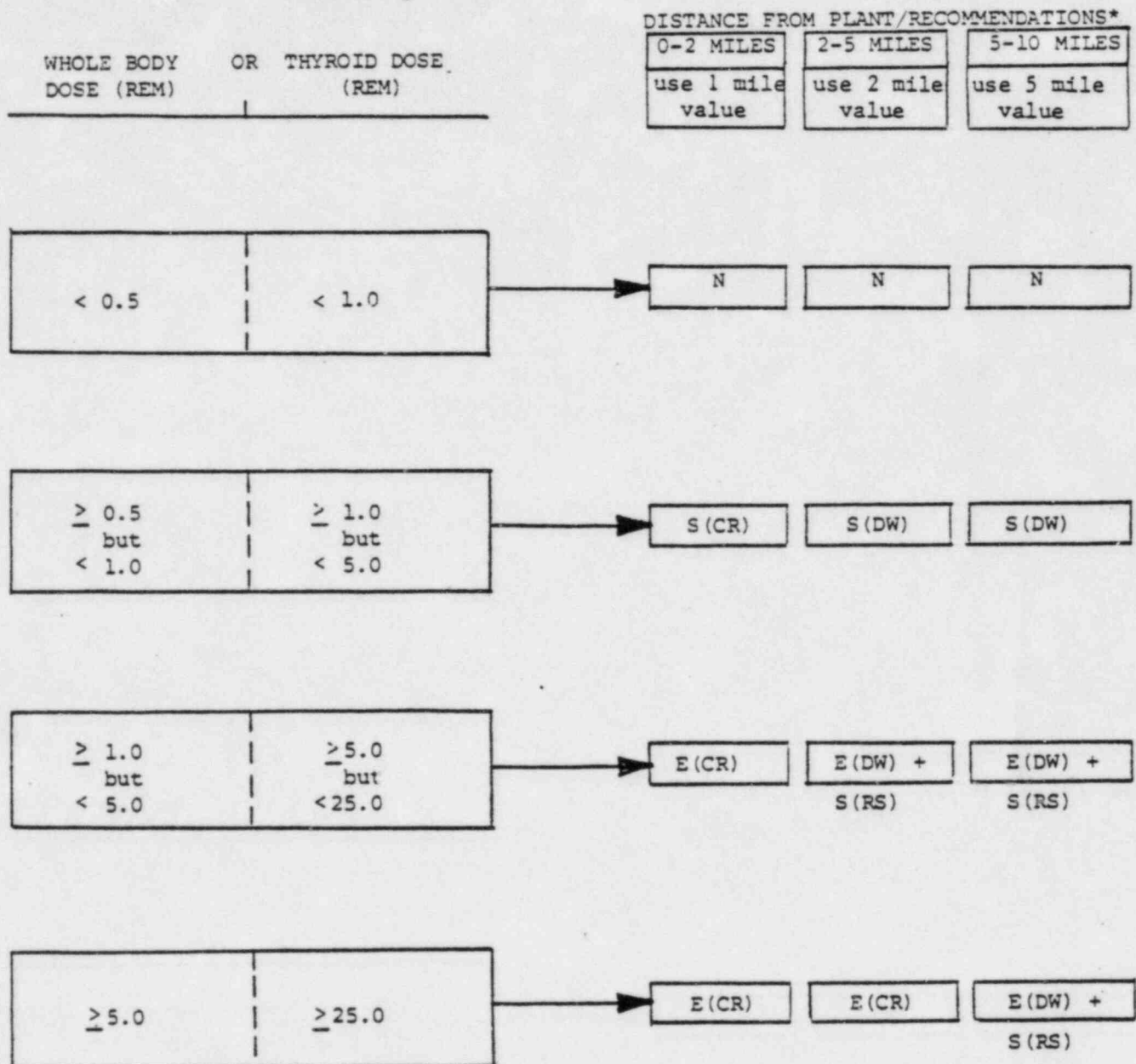
FIGURE A-2

St. Lucie Plant

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.

\*The dose @ 1 mile affects protective actions from 0-2 miles

The dose @ 2 miles affects protective actions from 2-5 miles

The dose @ 5 miles affects protective actions from 5-10 miles

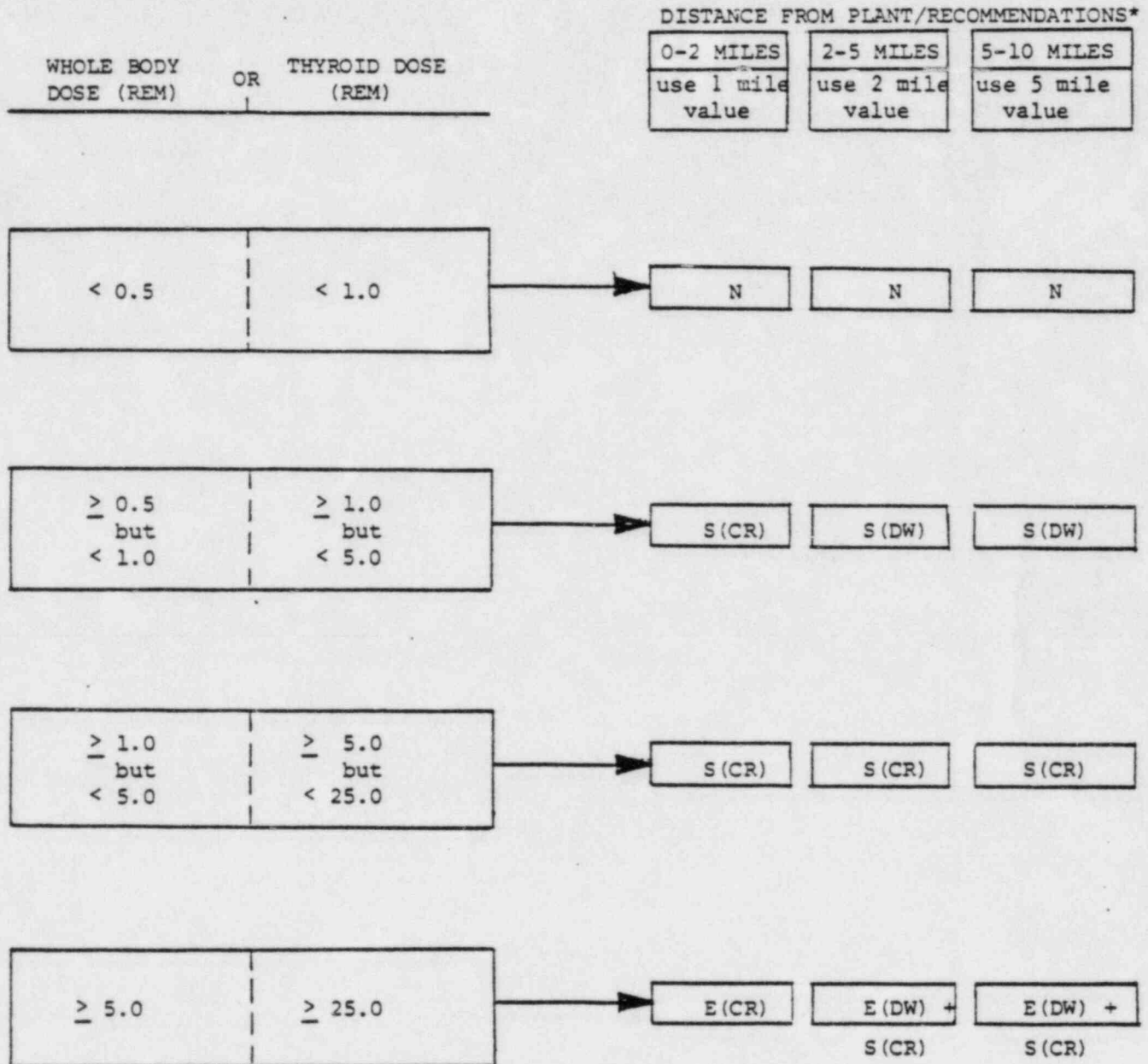
The dose @ 10 miles can be used to evaluate protective actions for greater distances.

\*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

FIGURE A-3  
St. Lucie Plant

PROTECTIVE ACTION RECOMMENDATIONS BASED ON ACTUAL RELEASE  
(LESS THAN 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 greater than or equal to 2 hours, use Figure A-2.

\*The dose @ 1 mile affects protective actions from 0-2 miles

The dose @ 2 miles affects protective actions from 2-5 miles

The dose @ 5 miles affects protective actions from 5-10 miles

The dose @ 10 miles can be used to evaluate protective actions for greater distances.

**\*LEGEND OF ABBREVIATIONS**

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

APPENDIX BProtective Action Recommendations - Turkey Point Plant

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 Nuclear Power Plant. The responsible authorities are: (1) The State Bureau of Disaster Preparedness, and (2) Dade and Monroe Counties. 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.

The contents of the recommendations are to be determined by using Figures B-1 through B-3 of this procedure as follows:

1. In ANY CASE where a GENERAL EMERGENCY has been classified, the MINIMUM protective action recommendations SHALL be: Shelter all people within a 2-mile radius and 5 miles downwind from the plant. If the emergency has been classified as a General Emergency and no offsite dose estimates or field survey results are available, refer to Figures B-1 and evaluate offsite protective action recommendations.

NOTE: If a controlled release is necessary to stabilize plant conditions or an uncontrolled release is anticipated, determine the approximate source term, duration of the release, and the projected offsite doses prior to making any protective action recommendations.

2. If the emergency classification is not a GENERAL EMERGENCY 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 B-2; for less than 2 hours, use Figure B-3). The appropriate recommendations can then be made.

Example: A release has occurred at the Turkey Point 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.

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Referring to Figure B-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. SHELTER 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).
- C. No protective action is recommended between a 5 and 10 mile radius from the plant.

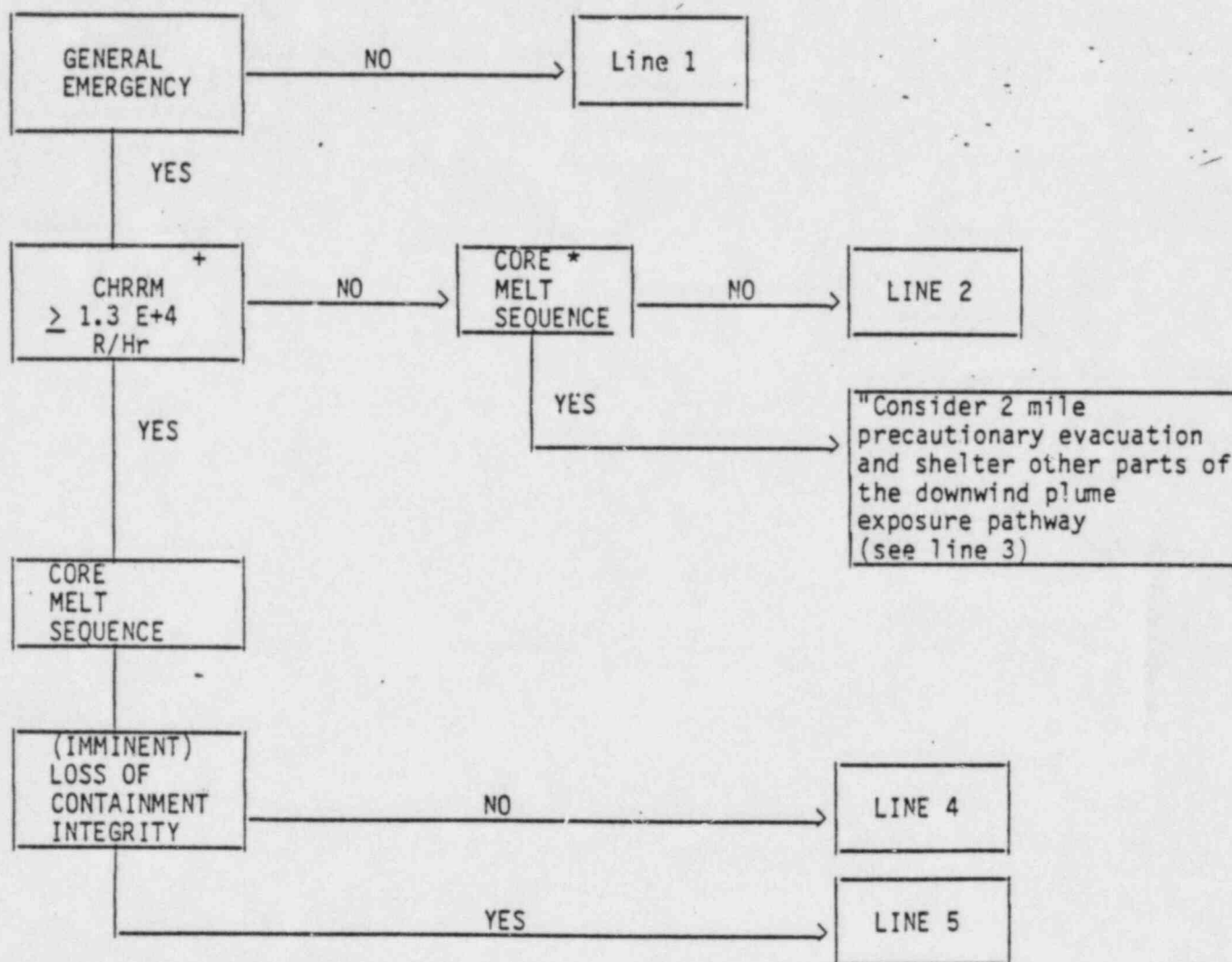
This recommendation may change in the future, but we can not now say when it may change or what it may change to."

- 4. 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.
- 5. Protective action recommendations for a child have been incorporated into the figures.

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FIGURE B-1  
Turkey Point Plant

PROTECTIVE ACTION RECOMMENDATIONS BASED ON PLANT CONDITIONS - PTP



LINE	0-2 MILES	2-5 MILES	5-10 MILES
1	N	N	N
2	S (CR)	S (DW)	N
3	E (CR)	S (DW)	S (DW)
4	E (CR)	E (DW) + S (RS)	S (DW)
5	E (CR)	E (CR)	E (DW) + S (RS)

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  
 \* = See Core Melt Sequence explanation on the following page  
 + = Represents 100% gas gap activity in containment



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Turkey Point Plant

FIGURE B-1 (cont'd)PROTECTIVE ACTION RECOMMENDATIONS BASED ON PLANT CONDITIONS - PTP\* Core Melt Sequence:

A Core Melt Sequence condition is based on a postulated reactor accident in which the fuel melts because of overheating. Plant conditions that qualify as a core melt sequence are:

1. A known LOCA as defined in Site Area Emergency and failure of ECCS to deliver flow to the core has occurred, resulting in clad damage as indicated by Containment High Range Radiation Monitor alarming;

OR

2. Reactor trip on low steam generator levels, with wide range levels decreasing toward zero, with one of the following two:
    - a. Loss of main condenser, loss of auxiliary feed flow, (with high head safety injection capability);
- OR
- b. Loss of main condenser, loss of auxiliary feed flow, and no high head safety injection capability, and 30 minutes has elapsed with no low head safety injection capability or auxiliary feed flow;

OR

3. A known LOCA as defined in Site Area Emergency has occurred and one of the following:
  - a. RHR flow indicator FI-\*-605 reads zero for 1/2 hour after recirculation phase is attempted, and RCS temperature is rising;

OR

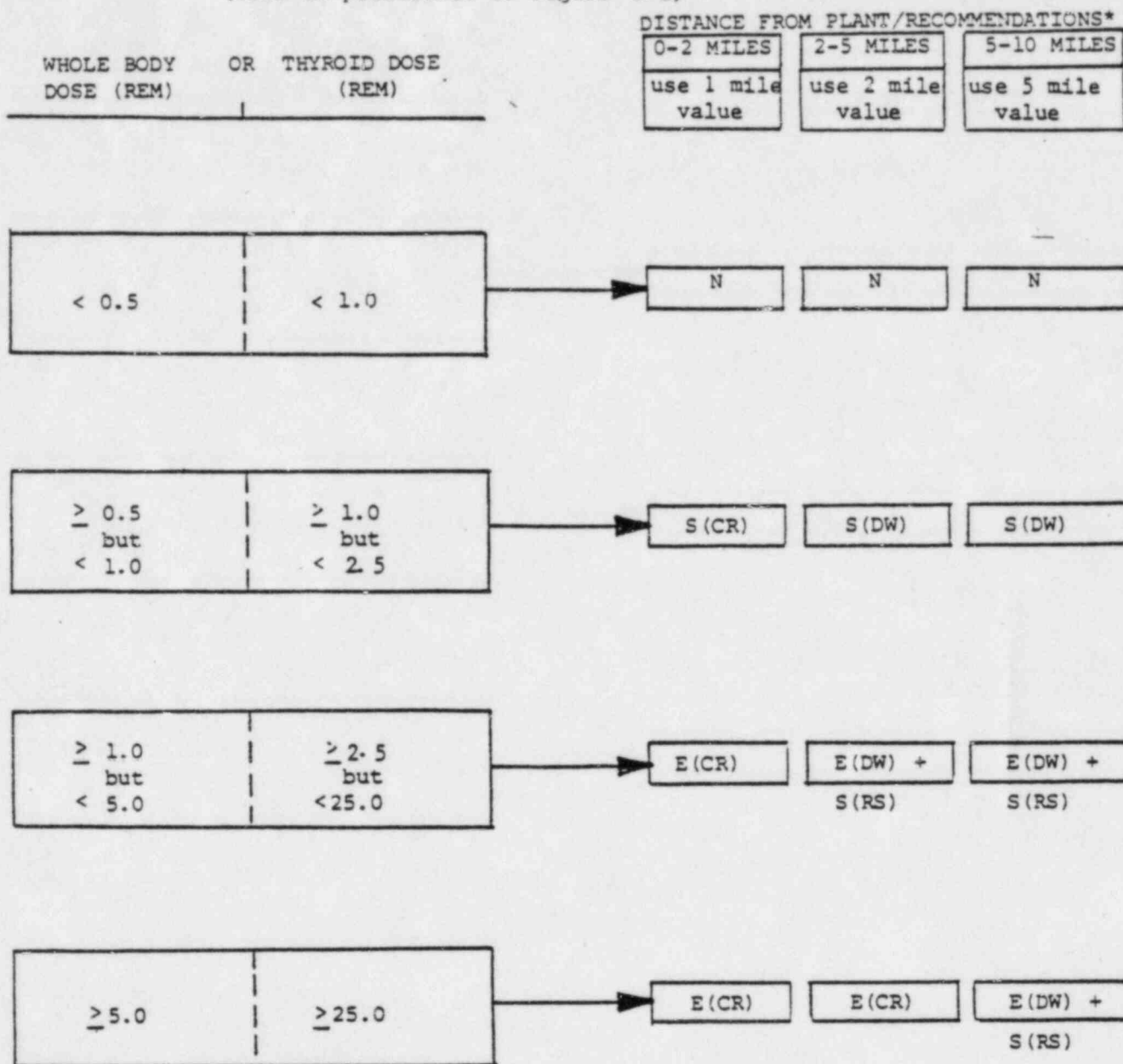
- b. Failure of containment spray and emergency coolers to prevent containment temperature from rising excessively.

Refer to Emergency Procedure 20103, Classification of Emergencies.

Turkey Point Plant

FIGURE B-2

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



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

\*The dose @ 1 mile affects protective actions from 0-2 miles

The dose @ 2 miles affects protective actions from 2-5 miles

The dose @ 5 miles affects protective actions from 5-10 miles

The dose @ 10 miles can be used to evaluate protective actions for greater distances.

\*LEGEND OF ABBREVIATIONS

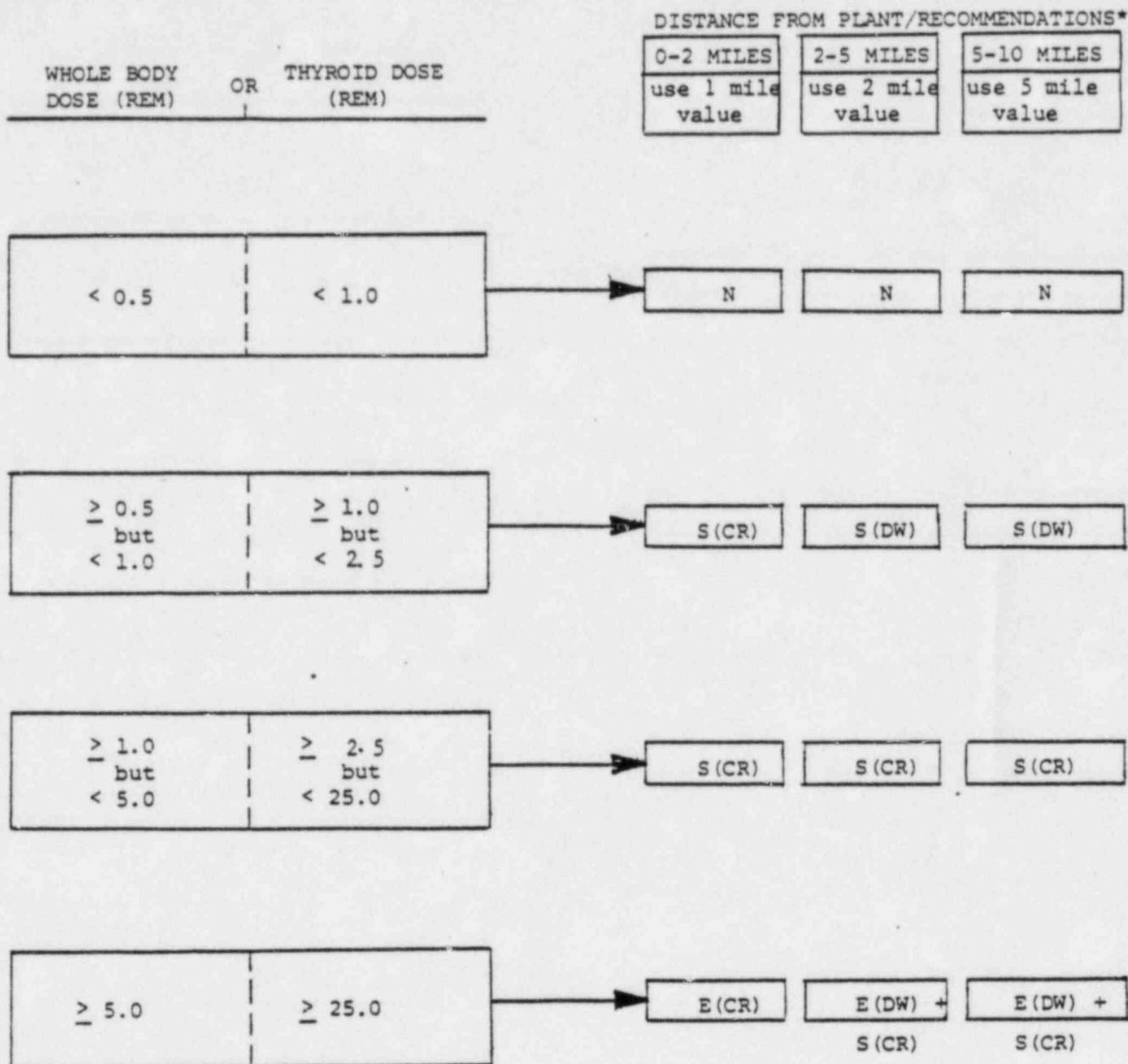
N - No protective action recommended  
S - Sheltering recommended  
E - Evacuation recommended  
DW- Downwind sector + 2 adjoining sectors  
RS- Remaining sectors  
CR- Complete circle around plant at specified distance

Turkey Point Plant

FIGURE B-3

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

(used in preference to Figures B-1)---



**NOTE:** If the duration of the release is projected to be greater than or equal to 2 hours, use Figure B-2.

\*The dose @ 1 mile affects protective actions from 0-2 miles

The dose @ 2 miles affects protective actions from 2-5 miles

The dose @ 5 miles affects protective actions from 5-10 miles

The dose @ 10 miles can be used to evaluate protective actions for greater distances.

**\*LEGEND OF ABBREVIATIONS**

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



June 24, 1983  
L-83-372

Mr. James P. O'Reilly  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 and 50-251  
St. Lucie Units 1 & 2  
Dockets 50-335 & 50-389  
Off-Site Emergency Organization

In accordance with 10 CFR 50, Appendix E, enclosed is one copy of the following Emergency Plan Implementing Procedure:

<u>Number</u>	<u>Title</u>
1102	Duties of the Recovery Manager

Two copies of this procedure have been forwarded to the Document Control Desk by copy of this correspondence.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Robert E. Uhrig".

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/HDJ/js

Attachments

cc: George Jenkins, Region II (1 copy of attachments)  
Document Control Desk (2 copies of attachments)  
Harold F. Reis, Esquire

X005  
11