

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9705060120 DOC. DATE: 97/05/01 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME: HOVEY, R.J. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION: Document Control Branch (Document Control Desk)

UPDATED BY RCB 9/30/98

SUBJECT: Forwards newly issued EPIP 0-EPIP-20110, "Criteria for & Conduct of Owner Controlled Area Evacuation." Predecessor to subj procedure was EPIP-20110. New procedure includes diagram of alternate evacuation route for nonradiological hazards.

DISTRIBUTION CODE: A045D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1 + 13
 TITLE: OR Submittal: Emergency Preparedness Plans, Implement'g Procedures, C

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-3 PD	1 1	CROTEAU, R	1 1
INTERNAL:	AEOD/HAGAN, D	1 1	FILE CENTER 0	2 2
	NRR/DRPM/PERB	1 1	NUDOCS-ABSTRACT	1 1
EXTERNAL:	NOAC	1 1	NRC PDR	1 1

OK TO update
 2nd copy Rec'd
 9/3

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 9 ENCL 9

C
A
T
E
G
O
R
Y
1
D
O
C
U
M
E
N
T



MAY 1 1997

L-97-119

10 CFR 50, Appendix E

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


Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Emergency Plan Implementing Procedure

In accordance with the requirements of 10 CFR 50, Appendix E, enclosed is one copy of newly issued Emergency Plan Implementing Procedure 0-EPIP-20110, "Criteria for and Conduct of Owner Controlled Area Evacuation."

The predecessor to this procedure was EPIP-20110. The new procedure number is 0-EPIP-20110. The primary reason for the change was to upgrade the format of the old procedure. The new procedure also includes a diagram of an alternate evacuation route for non-radiological hazards, and includes some editorial changes. Old procedure EPIP-20110 has been canceled. The implementation date for 0-EPIP-20110, and the cancellation date for EPIP-20110, is April 24, 1997. FPL has determined that the changes described do not result in a decrease in the effectiveness of the Emergency Plan.

Should there be any questions, please contact us.

Very truly yours,


R. J. Hovey
Vice President
Turkey Point Plant

CLM

Enclosure

cc: Luis A Reyes, Regional Administrator, Region II, USNRC (2 copies)
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant (w/o enclosure)

9705060120 970501
PDR ADOCK 05000250
F PDR

A0451

11/19

FLORIDA POWER AND LIGHT COMPANY
TURKEY POINT UNITS 3 AND 4
EMERGENCY PLAN IMPLEMENTING PROCEDURE 20110
OCTOBER 17, 1991

1.0 Title:

CRITERIA FOR AND CONDUCT OF OWNER CONTROLLED AREA EVACUATION

2.0 Approval and List of Effective Pages:

2.1 Approval:

Change dated 10/17/91 Reviewed by Plant Nuclear Safety Committee: 91-276

and Approved by Plant Manager - N: 10/17/91

Periodic Review Due: 6/18/92 Implementation Date: 10/28/91

2.2 List of Effective Pages:

<u>Page</u>	<u>Date</u>	<u>Page</u>	<u>Date</u>	<u>Page</u>	<u>Date</u>
1	10/17/91	4	10/17/91	7	10/17/91
2	10/17/91	5	10/17/91	8	10/17/91
3	10/17/91	6	10/17/91	9	10/17/91

3.0 Scope:

3.1 Purpose:

This procedure provides criteria for evacuating the owner controlled area, instructions for implementing an orderly, rapid and safe evacuation of the Turkey Point Owner Controlled Area and instructions for personnel accountability.

3.2 Discussion:

3.2.1 The accurate classification of an emergency at the Turkey Point Plant is necessary to enable the Emergency Coordinator to take the proper corrective actions.

RTSs 86-1579, 88-0180, 88-1573, 89-2085, 90-0559, 90-2940, 91-3141

This procedure may be affected by an O T S C (On the
Spot Change) verify information prior to use
Date verified _____ Initials _____

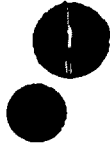
1

2

3

4

5



10/17/91

- 3.2.2 Evacuation of the Owner Controlled Area may be necessitated by the occurrence of any of several events where it would be necessary to minimize site personnel's exposure to radiation. An Owner Controlled Area evacuation will be conducted for any General Emergency and is discretionary for a Site Area Emergency. (See Precaution Section).
- 3.2.3 The U. S. Air Force will handle its own personnel accountability by normal military procedures. An agreement is in effect between the Company and the U. S. Air Force wherein the U. S. Air Force, through Homestead Air Force Base, will assist in the evacuation of personnel in the area south and east of the Protected Area.
- 3.2.4 The Community Services Department shall advise groups which it schedules or permits to use the recreation areas of the requirement to evacuate when notified by the Security Force. This department has modified the appropriate permit forms to include this requirement.
- 3.2.5 Activities and functions which take place within the Owner Controlled Area but outside of the Protected Area are the responsibilities of the Land Utilization Site Superintendent. Day-to-day supervision of Owner Controlled Area functions outside the Protected Area, including scout camps, recreation areas and liaison with the U. S. Air Force School, and Belcher Oil Company are handled by the Land Utilization Site Superintendent.
- 3.2.6 Security, Land Utilization Site Superintendent and Escorts shall maintain control of groups or individuals to which they are assigned. This control enables all members of the groups to be located, notified and evacuated.
- 3.2.7 Supervisors of contractor operations with crews working in remote areas of the Owner Controlled Area, such as the cooling canal system, shall maintain adequate communications with work crews to enable evacuation instructions to be carried out.
- 3.2.8 The Security Shift Specialist or his designee should maintain the FPL Boat Ramp Log for each boat admitted to the ramp area. Information on this form will assist in accounting for and controlling re-entry of boats and personnel who may be outside of the Owner Controlled Area when an evacuation is ordered.

3.3 Authority:

This procedure implements the Turkey Point Plant Radiological Emergency Plan.

22

1 1000000

10

10

10

10

10

10

10

10



10/17/91

3.4 Definitions:

3.4.1 Protected Area

The area within the Owner Controlled Area occupied by the two nuclear units and their associated equipment, enclosed within the Protected Area fence.

3.4.2 Offsite Assembly Area

The Assembly Area for personnel and visitors evacuated from the Owner Controlled Area. The Florida City Substation, located approximately seven and one-half miles west of the plant on Old Palm Drive (See Attachment 1) is the primary Offsite Assembly Area. An alternate assembly area is available on the Cooling Canal System West Perimeter Road.

3.4.3 Owner Controlled Area

That portion of FPL property surrounding and including the plant which is subject to limited access and control by FPL.

3.4.4 Owner Controlled Area Evacuation

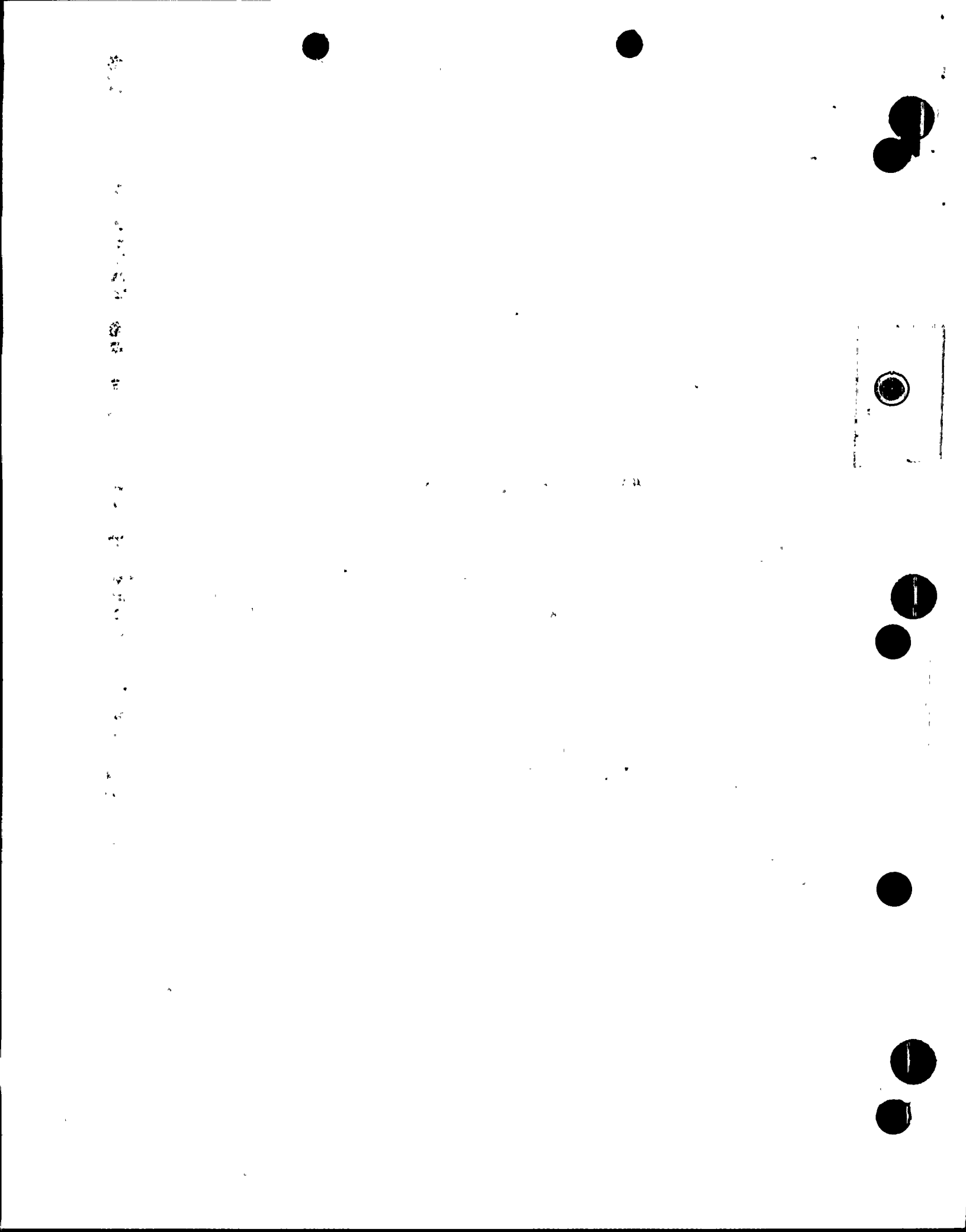
The evacuation from the Owner Controlled Area of all personnel except those required to place Units 1, 2, 3 and 4 in a safe condition, the emergency response teams, and the security officers necessary to fulfill their evacuation responsibilities. The evacuation will include personnel at the Scout Camps, Air Force Sea Survival Training School, the recreation areas, and the cooling canal system.

3.4.5 Primary Evacuation Route

This is the main evacuation route to be used to evacuate personnel from the Owner Controlled Area radiological conditions permitting. This route uses the plant access road west to Palm Drive, continuing west on Palm Drive approximately 7 miles to Farm Life School Road, turning south on Old Palm Drive then west approximately 100 yards to the Florida City Substation.

3.4.6 Alternate Evacuation Route

This is the evacuation route to be used to evacuate personnel when radiological conditions prohibit the use of the Primary Evacuation Route. This route uses the road north of the main discharge canal from the plant (Lake Warren), continuing west past contractor entrance road through the access gates of the cooling canals continuing past the north end of the cooling canals, turning south along the west perimeter road of the canals for approximately four (4) miles to the Alternate Assembly Area, turning west to the Levee 31 Access Road then south to Card Sound Road.



10/17/91

4.0 Precautions:

- 4.1 Every effort shall be made to minimize personnel exposure to radiation.
- 4.2 The Emergency Coordinator shall consider plant and radiological conditions as it relates to the emergency prior to ordering an evacuation. As conditions warrant, the Emergency Coordinator may delay, postpone, or make special requirements on the evacuation. Some examples of special circumstances are as follows:
 - 4.2.1 Radiological conditions (puff releases) where large doses may be received during an evacuation.
 - 4.2.2 Security events where unknown hazards or dangers are perceived.
 - 4.2.3 Plant conditions where additional personnel are necessary to put the plant in a safer configuration (i.e., equipment hatch open, primary system open for repair, etc.)
 - 4.2.4 Onsite hazards such as toxic gas, fires, or explosions where the movement of personnel would be placing them in additional risk.
 - 4.2.5 Other similar events.

The Emergency Coordinator should consider the event with regard to duration of release, plant conditions, and meteorological information prior to determining if special instructions should be given (retention of additional essential repair personnel, an alternate evacuation route, or in place onsite sheltering).

5.0 Responsibilities:

- 5.1 The Emergency Coordinator is responsible for performing evacuation instructions per EPIP-20101, Duties of the Emergency Coordinator.
- 5.2 The Security Force is responsible for implementing evacuation of the Owner Controlled Area per this procedure and Security Force Instruction 6307.
- 5.3 The TSC Health Physics Supervisor is responsible for ensuring emergency equipment is available at the Alternate Offsite Assembly Area as needed, if the Alternate Evacuation Route is used.

200

200

200

200

200

200



6.0 References/Commitment Documents

6.1 References

- 6.1.1 Turkey Point Plant Radiological Emergency Plan
- 6.1.2 Off-Site Emergency Organization EPIP 1104, Duties of the Emergency Security Manager
- 6.1.3 Turkey Point Plant Physical Security Plan and Security Force Instructions
- 6.1.4 10 CFR 50 Appendix E, Emergency Plans for Production and Utilization Facilities
- 6.1.5 EPIP-20101, Duties of Emergency Coordinator
- 6.1.6 EPIP-20104, Duty Call Notification/Staff Augmentation
- 6.1.7 EPIP-20109, Criteria for and Conduct of Local Evacuation
- 6.1.8 EPIP-20127, Duties of the Offsite Assembly Area Supervisor
- 6.1.9 Security Force Instruction 6307, Emergency Evacuations

6.2 Commitment Documents

- 6.2.1 None

7.0 Records and Notifications:

7.1 Records

- 7.1.1 Significant records of personnel accountability inside the Protected Area shall be forwarded to the Emergency Preparedness Supervisor for transmittal to Quality Assurance records section.

7.2 Notifications

- 7.2.1 The Security Team Leader shall notify the On Shift Security Force, U.S. Air Force School, and Land Utilization of the Owner Controlled Area Evacuation initiation.
- 7.2.3 The Land Utilization Site Superintendent shall notify their respective groups that a site evacuation has been ordered. In the absence of Land Utilization personnel, the Security Force shall assume this responsibility.

28

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

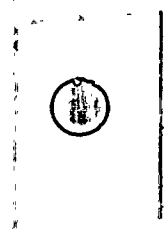
18

19

20

21

22



10/17/91

0 Instructions:

CAUTION: The Emergency Coordinator shall consider plant and radiological conditions as it relates to the emergency prior to ordering an evacuation. If large doses will be received during an evacuation, it may be more effective to shelter non-essential personnel onsite. As conditions warrant, the Emergency Coordinator may delay, postpone, or make special requirements on the evacuation. Some examples of special circumstances are listed in the Precautions section of this procedure.

8.1 Owner Controlled Area Evacuation Criteria

- 8.1.1 The Owner Controlled Area shall be evacuated upon declaration of a General Emergency.
- 8.1.2 If a Site Area Emergency has been declared, an Owner Controlled Area Evacuation should be initiated at the discretion of the Emergency Coordinator based on Radiological and/or Plant Conditions.

8.2 Evacuation Preparedness

- 8.2.1 Upon the decision to evacuate the Owner Controlled Area, the Emergency Coordinator will implement the evacuation preparedness steps outlined in EPIP-20101, Duties of the Emergency Coordinator.

8.3 Evacuation Implementation

- 8.3.1 When the Emergency Coordinator determines that an evacuation of the Owner Controlled Area is necessary, he shall, in following EPIP-20101, Duties of the Emergency Coordinator, order an Owner Controlled Area evacuation using the plant page and the evacuation alarm.
- 8.3.2 Upon hearing the evacuation order or alarm, all Emergency Response Organization personnel (primaries and alternates) shall:
 - 1. Complete tasks necessary to stabilize the Plant as directed by the Emergency Coordinator.
 - 2. Report to the appropriate Emergency Response Facility for further assignments.
 - 3. If released from emergency duties by the cognizant supervisor, proceed in accordance with direction given by the supervisor.

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

14

10/17/91

8.4 Evacuation Routes

8.4.1 The following routes should be used as directed by the Emergency Coordinator and/or Security (reference Attachment 1):

1. The Primary Evacuation route.

NOTE: Access along the Levee 31 Road requires plant security to unlock a series of gates along this route. Calmly wait in vehicles until security has unlocked the access gates to the Levee 31 Road.

2. The Alternate Evacuation route.

3. By boat, east and north in Biscayne Bay to Cutler Plant.

8.5 Security Force Evacuation Implementation

8.5.1 Upon notification of the Owner Controlled Area evacuation, the Security Shift Specialist shall:

1. Implement Security Force Instruction 6307.
2. Perform notifications in accordance with Security Force Instruction 6307 and this procedure.
3. Report accountability results (list of personnel in Protected Area not accounted for) to the Emergency Coordinator within 30 minutes from the time the site evacuation was declared.
4. Ensure that the Offsite Assembly Area Supervisor is dispatched from the OSC.

8.5.2 The Security Shift Specialist, after completion of sweeps by members of the Security Force, shall instruct Security personnel concerning special assignments which may be required as a result of the evacuation. He shall advise the Emergency Security Manager of any circumstances which require his attention, including boats at sea launched from Turkey Point, enabling the Emergency Security Manager to relay the information to the U. S. Coast Guard and/or Marine Patrol.

101

102

103

104

105

106



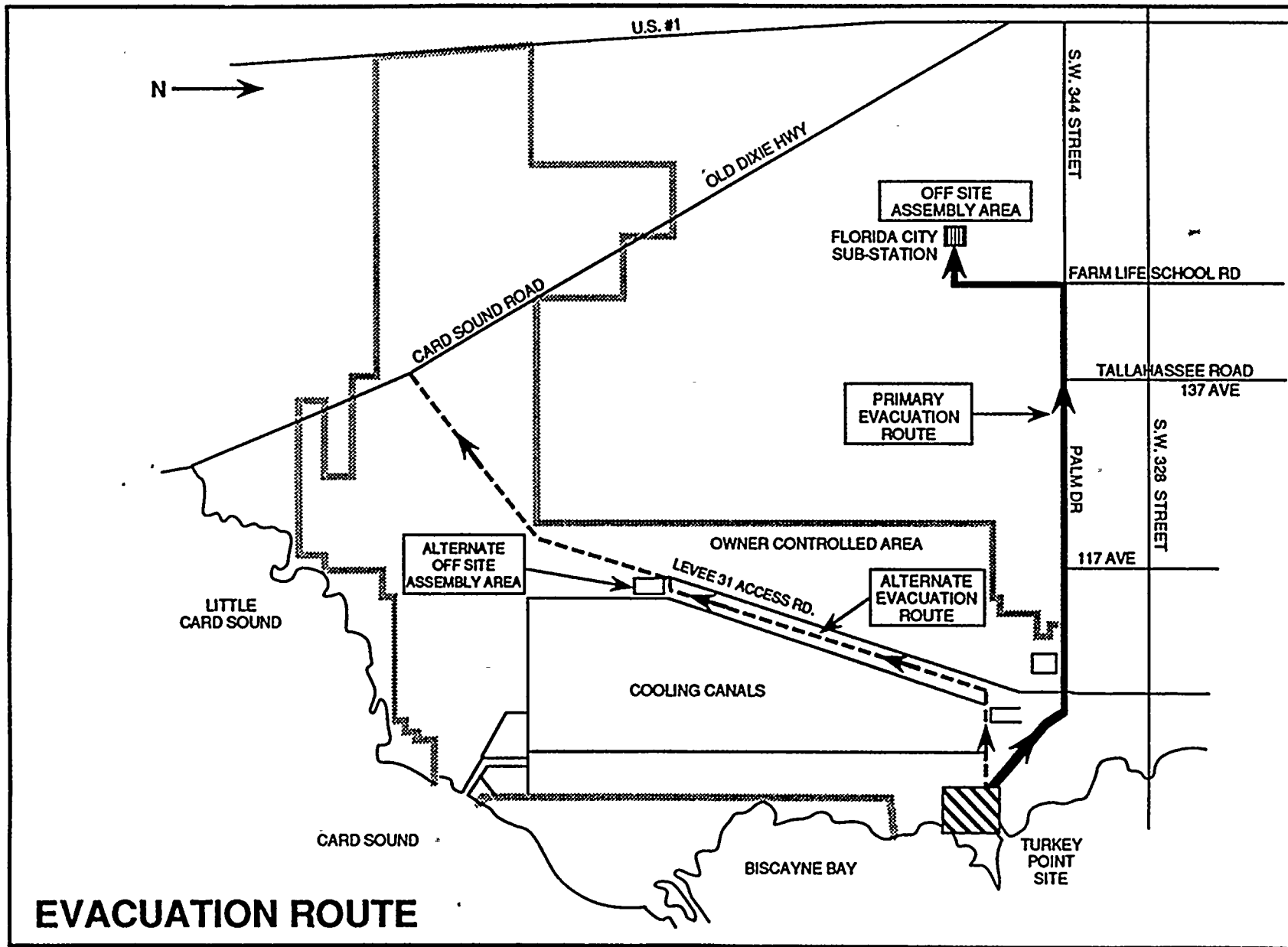
10/17/91

8.6 Implementation of the Alternate Evacuation Route

- 8.6.1 If the decision is made to utilize the alternate evacuation route, a security officer or designee shall obtain the key to the South Florida Water Management, Levee 31 road gates and immediately proceed to unlock the Levee 31 Road gates.
- 8.6.2 Security should provide traffic control on the alternate evacuation route.
- 8.6.3 The TSC Health Physics Supervisor should ensure Health Physics emergency equipment is available at the Alternate Off-Site Assembly Area, as needed.

10/17/91

ATTACHMENT 1 - EVACUATION ROUTES



EVACUATION ROUTE

