

Supplemental Information 7

**The State of Florida Radiological Emergency
Preparedness Annex, Appendix II, Turkey Point
Nuclear Power Plant Site Plan**

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

TABLE OF CONTENTS	PAGE
GENERAL	II-1
Organization and Responsibilities	II-1
Miami-Dade County Organizations and Responsibilities	II-1
Monroe County Organizations and Responsibilities	II-6
Collier County Organizations	II-9
Broward County Organizations	II-9
Emergency Support Function 6 (Mass Care)	II-10
State Division of Emergency Management	II-10
Emergency Support Function 8 (Health)	II-10
Florida Power & Light	II-11
Direction and Control for Initial Radiological Response	II-11
Miami-Dade County	II-11
Monroe County	II-12
Emergency Classification System	II-12
Notification and Activation	II-12
Notification of Unusual Event	II-12
Alert	II-13
Site Area Emergency	II-13
General Emergency	II-14
Notification of Public	II-14
Emergency Communication	II-15
Miami-Dade County	II-15
Monroe County	II-17
Test Schedule for Emergency Communications Equipment	II-18
Public Information	II-18
Public Education	II-18
Media Education	II-18
Emergency News Releases	II-19
Rumor Control	II-19
Emergency Facilities and Equipment	II-19
Miami-Dade County Emergency Operation Center	II-19
Monroe County Emergency Operation Center	II-19
Licensee Emergency Operation Facility	II-20
Emergency News Center	II-20
Evacuation Shelters	II-20
Radiological Facilities	II-20
Local Resources to Support the Federal Emergency Response	II-21

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

TABLE OF CONTENTS (Continued)	PAGE
Accident Assessment	II-21
Radiological Exposure Control	II-22
Protective Response	II-24
Protective Action Guides	II-24
Potassium Iodide.....	II-24
Control of Entrance into Affected Areas.....	II-25
Sheltering (In Place)	II-25
Evacuation	II-25
Evacuation Areas and Route Descriptions.....	II-26
Monitoring and Decontamination	II-30
Reception and Care.....	II-30
Shelter Facilities	II-31
Control of Foodstuff	II-31
Medical and Public Health Support	II-32
Recovery and Re-entry	II-33
Exercises and Drills	II-33
Radiological Emergency Response Training	II-33
Figures Table of Contents	II-34

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

I. General

The purpose of this Appendix is to provide for the health, safety and welfare of Florida residents and visitors who would be affected by a radiological emergency at the Turkey Point Nuclear Power Plant. The Turkey Point Nuclear Power Plant is located in Miami-Dade County. It is adjacent to the northern portion of Monroe County known as the Upper Keys. This facility is owned and operated by the Florida Power and Light Company.

Parts of Miami-Dade and Monroe counties lie within the 10-mile plume exposure pathway and are risk counties. The majority of the Monroe County population within the plume exposure pathway are residents of a private community known as Ocean Reef. Another portion of the population within the 10-mile emergency planning zone is the residents and transients located on offshore islands. Miami-Dade and Monroe counties will also serve to host any evacuees from the 10-mile emergency planning zone should evacuation be necessary. A map of the 10-mile plume exposure pathway is attached as Figure II-1.

All or parts of Miami-Dade, Monroe, Collier and Broward counties lie within the ingestion pathway zone. A map of the 50-mile ingestion pathway zone is attached as Figure II-2.

II. Organizations and Responsibilities

The local organizations with radiological emergency responsibilities for an emergency at the Turkey Point Nuclear Power Plant are identified in the following sections. Each organization is responsible for assuring continuity of resources to support 24-hour operations for a protracted period. Each emergency response organization or sub-organization having an operations role is responsible for developing its own standard operating procedures, which describe its concept of operations and its relationship to the total effort. These responsibilities and organizations are graphically represented in Figures II-3 through II-6 of this Appendix.

In addition, each county jurisdiction of the State of Florida is authorized in Sections 252.35, 252.37, and 252.60 of the Florida Statutes to participate in cooperative relationships to accept services, equipment, supplies, materials, or funds for emergency management efforts.

A. Miami-Dade County Organizations and Responsibilities

1. Miami-Dade County Incident Commander

The Miami-Dade County Mayor or designee (the Director, Miami-Dade Department of Emergency Management) is responsible for overall radiological emergency response planning for Miami-Dade County and for assuring the accuracy of applicable portions of the Turkey Point Response Plan. It is his/her responsibility to initiate actions and provide direction and control at the local level to include protection of the public and emergency operations to respond to the effects of a radiological emergency. The County Mayor or designee is responsible for assuring continuity of resources to assure 24-hour operations for a protracted

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

period and for coordinating with federal, State and local government response agencies.

The County Mayor or designee, acting upon the recommendation of State Emergency Support Function 8 Health and Medical Services is responsible for authorizing Miami-Dade County emergency workers to incur radiological exposures in excess of 500 mR. In no case will this exceed the dose recommended in protective action guides for emergency workers contained in EPA 400-R 92-001.

Miami-Dade Public Information Officers will provide emergency public information and instructions in coordination with the State and licensee public information officers at the emergency news center.

2. Director, Miami-Dade Department of Emergency Management

The Director is responsible for the coordination, development and maintenance of procedures to implement required portions of this Plan consistent with existing conditions and procedures. The Director will also provide input for annual revision by the Division of Emergency Management. The Director or his/her designee will be responsible for coordinating emergency operations at the local level and keeping local government officials and emergency response units apprised of the status of the operation.

The Director is responsible for early warning and notification of the population within the 10-mile emergency planning zone in Miami-Dade County.

The Director is also responsible for the notification of the county emergency operations center staff, activating the emergency operations center, and notifying all local governmental and non-governmental agencies supporting emergency operations as appropriate to the emergency class.

The Director will coordinate overall emergency operations and support needs with the State Division of Emergency Management, State and federal support agencies, and Florida Power and Light Company.

3. Miami-Dade Police Department

The Police Department's responsibilities during a radiological emergency include:

- a. Notification of residents and transients in affected areas
- b. Provision of traffic control along evacuation routes
- c. Crowd control at reception centers and shelters
- d. Provisions of evacuation area security to residents within affected areas

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

- e. Provisions of patrol boats for off-shore coordination and evacuation
- f. Provisions of aerial support as appropriate

4. Municipal Police Departments

Municipal police departments will assist the Miami-Dade Police Department in notifying residents and transients in the affected area and assist in traffic control along evacuation routes.

5. Miami-Dade Fire Department

The Miami-Dade Fire Department Communication Bureau is the designated after-hours contact for emergency management. Responsibilities for Miami-Dade Fire Department during a radiological emergency include:

- a. Activation of the siren/public address systems during off-duty hours of the Office of Emergency Management
- b. Fire suppression and rescue services at Turkey Point if requested by the licensee
- c. The provision of radiation monitoring of evacuees, emergency workers, and emergency worker and vehicles washdown
- d. On-scene incident commander at all the reception center sites

6. Miami-Dade County Health Department

The Director of the Miami-Dade County Health Department is responsible for emergency medical operations (including screening of evacuees at monitoring and decontamination stations for potentially hazardous health problems), assigning evacuees to appropriate facilities for radiological exposure care, and for coordinating medical services for evacuees in shelters. The County Mayor or designee (Director of the Department of Emergency Management) is responsible for selecting and implementing protective actions to preserve the health and safety of the residents and visitors to Miami-Dade County. The Director, Miami-Dade County Department of Health, as well as representatives from Florida Power and Light and the Bureau of Radiation Control, will recommend protective actions in any instance where the measured or projected exposure to the public intersects the exposure limits established by the Environmental Protection Agency. Miami-Dade County decision-makers are not bound by Florida Power and Light's recommendation. Other duties include the coordination and provision of health care to evacuees and emergency workers (refer to Chapters 10, 11 and 12 of this Annex).

The County Health Department will provide the following services in support of emergency operations in the reception centers and shelter facilities:

- a. Health services and disease prevention and control measures

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

- b. Sanitation, personal hygiene services, and waste disposal
- c. Procurement of medical service support

The County Health Department will coordinate with and assist State Emergency Support Function 8 on radiological assessment in accordance with Chapter 10 of this Annex to include the administration of potassium iodide to designated individuals if deemed necessary and directed by proper authorities.

The county health department will ensure the provision of necessary health orders, restrictions, and emergency information to evacuees housed in reception and shelter facilities, as well as the general population of Miami-Dade County to facilitate disease prevention and control measures, sanitation and waste disposal, safe food and water supply and distribute potassium iodide to members of the general public

The county health department will also maintain communications with the department's personnel in the Miami-Dade County emergency operations center, and coordinate support needs and operations with other agencies.

The health physicist from the Miami-Dade County Health Department and members of the Turkey Point Radiological Emergency Response Team (Florida Department of Health Bureau of Radiation Control health physicists) will provide offsite accident assessment until additional State Emergency Response Team personnel arrive and are operational at the emergency operations facility. They may be assisted by county fire monitoring personnel, if required.

7. Public Works Department

The Public Works Department will assist the Miami-Dade Police Department in evacuation operations by providing special traffic signal timing along evacuation routes and monitoring evacuation progress. The Public Works Department is also responsible for reviewing traffic volume and roadway capacity data for evacuation routes and for recommending changes in evacuation routes to ensure the smooth flow of evacuees. Additional heavy equipment, personnel and other services may be provided as required.

8. Miami-Dade Transit Agency

The Miami-Dade Transit Agency is responsible for providing evacuation transportation to residents without access to personal vehicles. Miami-Dade Transit may also provide emergency bus transportation to assist in the evacuation of hospitals, nursing homes, and schools. The Agency functions as primary backup for evacuating people with special needs using the Special Transportation Services network as instructed by the Department of Emergency Management.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

9. Ambulance Services

Under Miami-Dade County Ordinance 8B-10, all companies licensed by Miami-Dade County to provide non-emergency medical transportation service are required to participate in the evacuation of residential health care facilities and special needs persons that are unable to evacuate themselves.

10. Miami-Dade County Hospitals

If required, medical facilities within the 10-mile emergency planning zone will be evacuated to those facilities located outside the 10-mile emergency planning zone. Medical facilities are required to have emergency plans that include evacuation options and agreements with other facilities who host them during evacuations. Baptist South is the only hospital located inside the 10-mile emergency planning zone, and if required, would be evacuated by Baptist Health System. Medical and public health facilities are listed in Chapter 12 of this Annex.

11. Department of Solid Waste Collection

The Department is responsible for the collection of solid waste at the shelters (when in use) and the disposal of refuse.

12. Miami-Dade County School Board

The Miami-Dade County School Board will provide for the evacuation and safety of school children in the affected areas during school hours. The Board will also provide:

- a. School buses and drivers to evacuate school personnel from the affected area to host facilities as shown in Figure II-17 of this Appendix
- b. Provide a liaison to the Miami-Dade County emergency operations center and coordinate support needs with operations and other agencies
- c. In cases where school is not in session, function as the primary transporter of Special Needs persons out of the 10-mile EPZ.

13. Miami-Dade County Department of Corrections and Rehabilitation

The Miami-Dade County Department of Corrections and Rehabilitation will assist with the registration of evacuees who arrive at the Miami-Dade County emergency reception centers (refer to Figure II-9 of this Appendix). The Corrections Department will also:

- a. Function as secondary backup for the provision of transportation to move Special Needs residents out of the 10-mile Emergency Planning zone
- b. Provide crowd control support to MDPD at reception centers

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

14. Other County Agencies

Other county agencies may be required to provide equipment, personnel and services to support emergency operations.

15. Other Municipalities

Other municipalities in Miami-Dade County will provide mutual-aid services as requested.

B. Monroe County Organizations and Responsibilities

1. Mayor, Monroe County Board of County Commissioners

The Monroe County Emergency Management Department has the responsibility for overall radiological emergency response planning for Monroe County. Time permitting; the decision to implement protective actions will be made jointly at the EOF by the Monroe County IC and Miami-Dade County IC and presented to the Board of County Commissioners, Mayor, or any of their authorized representatives. The Mayor, through the County Administrator and the Director of Emergency Management, shall initiate actions and provide direction and control at the local level, to include consideration of in-place sheltering or evacuation as an option for the protection of the public, and conduct emergency operations to respond to the effects of a radiological emergency.

The Mayor is responsible for assuring continuity of resources to assure 24-hour operations for a protracted period.

Acting upon the recommendation of the Department of Health, the primary responsibility to authorize Monroe County emergency workers to incur exposures in excess of 500 mR rests with the Mayor time permitting, followed by the IC, or authorized designee. In no case will this exceed the dose recommended in protective action guides for emergency workers engaged in lifesaving activities.

2. Director, Monroe County Emergency Management Department

The Director of the Monroe County Emergency Management Department is responsible for the coordination, development and maintenance of procedures to implement the Florida Radiological Emergency Management Plan. The Director or designee will be responsible for coordinating emergency operations at the local level and keeping state and local government officials advised on the status of operations. The Director will be at the emergency operations facility and maintain communications with the Division of Emergency Management, the Florida Department of Health, and Miami-Dade Office of Emergency Management. The Director will advise the Monroe County Board of County Commissioners of the situation and of appropriate actions to be taken by the emergency response organizations.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

The Director will also maintain coordination with the State Division of Emergency Management, state and federal support agencies, and Florida Power and Light Company on overall emergency operations and support needs.

The Monroe County Emergency Management Department will maintain radio and telephone communications and coordinate with the Miami-Dade County emergency operation center and other emergency response facilities supporting an emergency at the Turkey Point Nuclear Power Plant. The Monroe County Emergency Management Department will notify appropriate local governmental and non-governmental departments and agencies supporting emergency operations to include the designated radiological emergency preparedness emergency operations center located in the Upper Keys that serves as the county's emergency operation center for radiological emergencies at Turkey Point and provides a communications links between the Ocean Reef Department of Public Safety, the emergency response facilities and the Public Safety Offices in Marathon.

3. Monroe County Sheriff's Department

The Monroe County Sheriff's Department at the Plantation Key substation is the designated after hours contact for emergency management responsible for notification of the public within the affected area, managing the evacuation response through the use of traffic control measures throughout Monroe County, and verifying that impacted residents have evacuated. The Monroe County Sheriff's Department Public Information Officer will assist in the dissemination of emergency information at both the Radiological Emergency Preparedness emergency operation center and the licensee's emergency news center.

4. Ocean Reef Department of Public Safety

The Ocean Reef Department of Public Safety will use route alerting and reverse 911 for notification procedures and evacuation measures in the affected area and provide security in these areas in cooperation with the Monroe County Sheriff's Department.

5. Monroe County Fire Rescue

Monroe County Fire Rescue comprising responders from Tavernier and Key Largo Fire Stations will assist the Ocean Reef Department of Public Safety and will be responsible for radiological monitoring and decontamination of evacuees and vehicles if necessary. Monroe County Fire Rescue will provide fire and rescue support, as well as necessary radio communications to assist in warning and notification of the public. They will also maintain radio communications with the Upper Keys radiological emergency preparedness emergency operations center and

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

the Ocean Reef Department of Public Safety for coordination and support of the tasks assigned to this group.

Monroe County Fire Rescue will also be responsible for emergency medical operations (including screening of evacuees at wash down stations for potentially hazardous health problems), assigning evacuees to appropriate facilities for radiological exposure care, and for coordinating medical services for evacuees in shelters. The Monroe County Fire Rescue will be responsible for radiological monitoring and decontamination of evacuees at the shelter reception center.

Monroe County Fire Rescue will also assist those special medical needs registrants in need of assistance during evacuations by an ambulance and medical crew.

6. Volunteer Ambulance Corps

The Key Largo Volunteer Ambulance Corps will be responsible for assisting the Monroe County Emergency Medical Service in radiological monitoring and decontamination of evacuees at the shelter reception center. They will also provide emergency medical transportation to persons in need of such services.

7. Monroe County Health Department

The Monroe County Health Department will be responsible for administration of potassium iodide to emergency workers and to members of the general public, and coordinating with Emergency Medical Service medical services as necessary for evacuees once they are located at shelter stations. The Miami-Dade County Health Department will provide support to the Monroe County Health Department during radiological emergencies as required (refer to Chapters 10 and 11 of this Annex).

8. Monroe County Department of Public Works

The Monroe County Department of Public Works will provide decontamination assistance to the Fire Department and Ocean Reef Department of Public Safety. The Department of Public Works will provide assistance to the following:

- a. Fire Rescue in assembling and disassembling washdown stations and disposing of waste materials;
- b. American Red Cross (Emergency Support Function 6) by providing garbage pickup and disposal for reception centers;
- c. Sheriff's Department with evacuation operations by providing traffic control equipment and personnel.

9. Monroe County School Board

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

The Monroe County School Board will supervise temporary shelter operations utilizing school facilities and will provide equipment for the preparation of food for evacuees in cooperation with the American Red Cross. The School Board will also assist in providing buses for evacuees needing transportation.

10. Lower Keys Medical Center, Fishermen's and Mariners Hospital

Monroe County hospitals will aid in emergency medical services (refer to Chapter 12 of this Annex).

11. Other County Agencies

Other county agencies may be required to provide equipment, personnel and services to support emergency operations.

C. Collier County Organizations

The Chairperson, Collier County Board of County Commissioners, will activate the County Emergency Operations Center to assure that appropriate county agencies:

1. Provide county resources and assist State Emergency Support Function 8 in the monitoring and control of potentially contaminated foodstuffs
2. Maintain lists of dairy and other food producers and processors located within the county
3. Coordinate with State Emergency Support Function 8 in the chemical analysis of water obtained from public water supplies.

D. Broward County Organizations

The Chairperson, Broward County Board of County Commissioners, will activate the county emergency operations center to assure that appropriate county agencies:

1. Provide county resources and assist State Emergency Support Function 8 in the monitoring and control of potentially contaminated foodstuffs
2. Maintain lists of dairy and other food producers and processors located within the county
3. Coordinate with State Emergency Support Function 8 in the chemical analysis of water obtained from public water supplies

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

E. State Emergency Support Function 6 (Mass Care)

The American Red Cross is the lead agency for Emergency Support Function 6. The American Red Cross and the support agencies will participate in the coordination of 24-hour care and sheltering of evacuees from Miami-Dade and Monroe counties. This service will include the following:

1. Assigning a liaison to each reception center and assist in controlling the flow of evacuees to government-designated evacuation centers.
2. Managing government-designated evacuation centers which include:
 - a. Working with local government in performing evacuation center surveys during pre-planning
 - b. Training of evacuation center workers during pre-planning
 - c. Staffing evacuation center
 - d. Mass feeding
 - e. Providing Disaster Health Services (First Aid)
 - f. Registration of evacuees
3. In the event the relocation period should last longer than anticipated, the American Red Cross will assist with additional mass care services in government-designated evacuation center.

F. State Division of Emergency Management

The State Division of Emergency Management will maintain communications with representatives from Florida Power and Light Company and will be responsible for keeping local, State and Federal agencies informed on planning, training, and operational requirements relative to a radiological emergency at the Turkey Point Nuclear Power Plant. Upon receipt of notification that a radiological emergency has occurred at the plant, the State Division of Emergency Management will assist in the notification of the Miami-Dade Department of Emergency Management, Monroe County Emergency Management Department, and appropriate state and federal response agencies (refer to Chapter 5 of this Annex).

The State Division of Emergency Management will also be responsible for coordinating State resources utilized in the emergency response and for coordinating requests for federal assistance.

G. State Emergency Support Function 8 (Health and Medical)

The Department of Health is the lead agency for State Emergency Support Function 8. The Department of Health and the support agencies will be responsible for offsite radiological accident assessment and providing technical assistance to the counties by recommending appropriate protective actions. Assessment of the situation by the Department of Health will be based upon input from offsite radiological accident assessment teams and plant officials. The Department of Health will also provide assistance to the county Health Departments regarding emergency medical operations.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

H. Florida Power and Light Company

Representatives from Florida Power and Light Company will maintain communications with state, county and Federal agencies. Florida Power and Light Company representatives will be responsible for keeping appropriate officials from these local, state and federal agencies informed of emergency plans. Florida Power and Light will report any emergency situation using the standard emergency classification system outlined in the licensee's emergency plan and in accordance with procedures outlined in Chapter 4 of this Annex.

Until the Department of Health Field Monitoring Teams arrive and are operational at the scene, the licensee will also provide offsite monitoring for, and recommend protective actions to the Risk counties and advise appropriate State Division of Emergency Management and Department of Health personnel of the recommendations.

III. Direction and Control for Initial Radiological Response

Miami-Dade and Monroe counties are responsible for initial radiological emergency response operations. The organization of Miami-Dade and Monroe county emergency response agencies is outlined in Figures II-4 and II-6, respectively. Emergency operations will be coordinated through the Miami-Dade Department of Emergency Management and the Monroe County Emergency Management Department, respectively. The primary and secondary functions and responsibilities of Miami-Dade and Monroe county agencies are outlined in Figures II-3 and II-5, respectively.

Should the scope of the emergency exceed the response capability of the risk counties, the State Emergency Operations Center will coordinate with the risk county emergency operations centers to provide state resources necessary to support county response operations.

The Governor may transfer responsibility for overall emergency management to the State by issuing an Executive Order under the provisions of Section 252.36, Florida Statutes. Upon issuance of an Executive Order, the risk counties will continue to coordinate county response operations.

A. Miami-Dade County

The County Mayor or his/her designee (the Director, Miami-Dade Department of Emergency Management) will be responsible for the direction and control necessary to initiate actions and conduct emergency operations required to protect the population of Miami-Dade County from an emergency at the Turkey Point Nuclear Power Plant. In his absence, responsibility will be delegated according to county procedures for continuity of county government. The County will coordinate such actions through its Emergency Management Director, or designee and emergency response agencies.

B. Monroe County

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

Direction and control to initiate action and conduct emergency operations necessary to protect the population of Monroe County from the effects of an offsite radiological emergency occurring at the Turkey Point Nuclear Power Plant will be exercised by the Director of the Monroe County Emergency Management Department or designee. Time permitting; the decisions to implement protective actions will be made jointly at the EOF by the Monroe County IC and Miami-Dade County IC and presented to the Board of County Commissioners, Mayor, or any of their authorized representatives. . The county will coordinate protective actions through the Monroe County Radiological EOC and the Monroe County Emergency Management Director or his/her designee and emergency response agencies.

IV. Emergency Classification System

The standard emergency classification scheme to be used by each licensee, county, and the State is outlined in Chapter 4 of this Annex.

V. Notification and Activation

Upon declaration of a radiological emergency at the Turkey Point Nuclear Power Plant, the licensee's Emergency Coordinator, or designee, will notify the State Watch Office in Tallahassee and Miami-Dade County, Monroe County, and the Department of Health simultaneously via the Hot Ring Down system within 15 minutes of an emergency declaration. The State Watch Office will ensure that all warning points have picked up on the Hot Ring Down system. The commercial telephone system is the secondary notification system. The EMnet System can also be used as a backup system. The notification message will include details of the emergency and relevant meteorological data as required by the Florida Nuclear Plant Emergency Notification Form. The State Watch Office will verify receipt of the message by Miami-Dade County, Monroe County, and the Bureau of Radiation Control. The State Watch Office will also notify other emergency response organizations in accordance with the procedures outlined in Chapter 5 of this Annex.

The Mayor of the Monroe County Board of County Commissioners and the Mayor of Miami-Dade County will implement their respective county's emergency response plans. Local response organizations will be notified of the emergency in accordance with county standard operating guidelines.

Notification and activation of emergency response personnel will be in accordance with established implementing plans and procedures of the Miami-Dade County Department of Emergency Management and the Monroe County Emergency Management Department. Procedures for notification and activation of county emergency response organizations at each emergency class are outlined below.

A. Notification of Unusual Event

At this emergency class, the Miami-Dade Fire Department will provide fire fighting assistance at the Turkey Point Nuclear Power Plant if requested. Primary response organizations may be notified by the county warning points or instructed to stand by until verbal closeout or escalation to a more severe class.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

B. Alert

At this emergency class, the Miami-Dade Department of Emergency Management Director and the Monroe County Emergency Management Department Director may augment their resources by activating the emergency operations centers for their respective counties and other primary response centers. The directors may alert to standby status key local emergency response personnel, including radiological monitoring teams and communicators, who may report to the emergency operations centers. The Director of Emergency Management or his/her designee may be dispatched to the licensee's emergency operations facility as appropriate. Emergency Alert System stations may be notified and alerted to stand-by status for possible activation.

State Emergency Support Function 8 monitoring teams will be activated to provide confirmatory offsite radiological monitoring in conjunction with the licensee's radiological monitoring teams. All other response actions will be the same as a Notification of Unusual Event.

C. Site Area Emergency

The Emergency Management Directors for Miami-Dade County and Monroe County will activate the county emergency operations centers and other emergency response centers as appropriate. All local emergency response organizations will be activated and will report to their duty stations, in accordance with established county procedures.

Miami-Dade County officials will provide the public with periodic updates on the status of the emergency. Monroe County officials will provide the public within Monroe County, out to a radius of approximately 10 miles from Turkey Point, with periodic updates on the status of the emergency. Upon activation of the emergency news center, all public information will be coordinated through this facility.

If in-place sheltering or evacuation of areas near the site is appropriate, Miami-Dade County will activate the public notification system. The Ocean Reef Department of Public Safety will use the Route Alert System for the notification of Ocean Reef residents and guests with the assistance of Monroe County Sheriff's Office as required.

State Emergency Support Function 8 will provide, in conjunction with the licensee, offsite radiological monitoring and protective action recommendations upon arrival at the emergency operations facility. Prior to the deployment of State field monitoring personnel, the licensee's offsite radiological monitoring teams will provide dose assessments and protective action recommendations directly to the risk counties and will advise the Division of Emergency Management of its recommendations.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

The Division of Emergency Management will activate the State Emergency Operations Center. All other response actions will be the same as the previous emergency class.

D. General Emergency

Emergency Management Directors for Miami-Dade and Monroe counties will notify all local emergency response organizations and activate all emergency response centers. The public notification systems will be activated in Miami-Dade County, and will provide periodic updates of emergency status and applicable protective measures. All other response actions will be the same as the Site Area Emergency class.

VI. Notification of the Public

- A. Florida Power and Light has installed sirens for notification of the public within the 10-mile Emergency Planning Zone. This notification siren system is controlled from the Miami-Dade County emergency operations center and will be activated as necessary. Residents and transients within the 10-mile emergency planning zone will be advised to tune to the following radio and television stations for detailed information and instructions:

MAIMI-DADE COUNTY				
ENGLISH				
AM Radio	Frequency	FM Radio	Frequency	Television
WIOD	610	WZTA	94.9	WFOR-CH 4
WINZ	940	WRTO	98.3	WTVJ-Ch 6
WAXY	790			WSVN-CH 7
				WPLG-CH10
SPANISH				
AM Radio	Frequency	FM Radio	Frequency	Television
WQBA	1140	WAMR	107.5	WLTU-CH 23
WAQI	710			WSCV-CH 51
CREOLE				
AM Radio	Frequency	FM Radio	Frequency	Television
		WDNA	88.9	

MONROE COUNTY				
ENGLISH				
AM Radio	Frequency	FM Radio	Frequency	Television
WFFG	1300	WEOW	92.5	Ch 5
WAWF	1500	WPIK	102.5	Ch 16
		WKRY	93.5	
		WFKZ	103.1	
		WGMZ	94.3	
		WWUS	104.1	
		WKEZ	96.9	
		WAVK	105.5	
		WCTH	100.3	

Appendix II

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

		WIS	107.1	
		WKLG	102.1	
SPANISH				
AM Radio	Frequency	FM Radio	Frequency	Television
		WRAU	106.3	

- B. As a backup, police and fire rescue vehicles equipped with public address systems and loudspeakers, and aircraft equipped with public address systems, may move throughout the area advising residents of the protective actions they should take based on the severity of the emergency in accordance with established county procedures.
- C. Boaters in the waters within the 10-mile emergency planning zone will be notified of the emergency by VHF Radio and loudspeakers from boats and aircraft operated by:
1. Biscayne National Park Service
 2. State Emergency Support Function 16 (Law Enforcement, Florida Fish and Wildlife Conservation Commission)
 3. Miami-Dade Police Marine Patrol
 4. United States Coast Guard
- D. The public notification system may be activated for an Alert, and will be activated for a Site Area Emergency or a General Emergency in a timely manner upon direction of the Miami-Dade Mayor and Monroe County Boards of County Commissioners or their designees. The population within the 10-mile emergency planning zone should receive primary notification and instructions via all primary notification systems for the general population, including the Emergency Alert System. Backup route alerting and notification, if necessary, shall be completed within 45 minutes. Pre-scripted messages for notifying the public for both Miami-Dade and Monroe counties are maintained in each county's respective standard operating procedures.

VII. Emergency Communications

A. Miami-Dade County

Miami-Dade County maintains 24-hour daily communications through the county's communications center on the Hot Ring Down system, commercial telephone, Emergency Satellite Communications System, and Local Government Radio System.

Upon activation of the Miami-Dade county emergency operations center, all emergency communications systems will be placed in service and tested.

The emergency operations center will provide a focus of all communications for emergency operations. Direction and control of county communications facilities

Appendix II

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

and personnel will emanate from the emergency operations center. Data and feedback relevant to the administration of emergency operations will be directed to the emergency operations center.

The initial notification of response organizations shall occur via telephone or alternate communication link. These organizations include:

1. Fire Department
2. Police Department
3. Corrections Department
4. County Health Department
5. Parks and Recreation
6. Transportation Department
7. Public Works Department
8. Solid Waste Collection
9. Water and Sewer Department
10. Environmental Resource Management
11. State Emergency Support Function 6 - Mass Care
12. State Emergency Support Function 16 - Law Enforcement
13. School Board
14. Miami, City of
15. Miami Beach, City of
16. Hialeah, City of
17. Coral Gables, City of
18. Homestead, City of
19. Florida City, City of
20. Homestead Air Reserve Base
21. Agricultural Extension
22. South Florida Water Management District
23. Other response agencies as necessary

In addition, direct communications between the Miami-Dade county emergency operations center and the following organizations will be maintained:

1. The State Division of Emergency Management regarding the local situation and requests for state and federal support resources.
2. State Emergency Support Function 8 (including the Mobile Emergency Radiological Laboratory), regarding accident assessment and protective response.
3. The nuclear power plant via the Hot Ring Down system, commercial telephone, and/or the Emergency Satellite Communications System.
4. Monroe County by Hot Ring Down system, commercial telephone and/or the Emergency Satellite Communications System.
5. Medical facilities and ambulance services through the emergency medical radio network.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

6. Federal emergency response agencies, coordinated by the Division of Emergency Management.

B. Monroe County

Twenty-four hour communications in Monroe County is provided through the Sheriff's Office dispatcher via the Hot Ring Down system, commercial telephone, and local government radio. Direction, coordination and control of communications for the county rests with the Director of the Emergency Management Department. The Public Information Officer or designee is the communications officer. In the event of a radiological emergency, the communications officer or designee will maintain routine operations.

The Public Information Officer will organize all communications within the county for emergency use, and will act as liaison for all resource groups and agencies (local, state and federal) within the county and maintain a log of incoming and outgoing messages. Direct communications between the Monroe County emergency operations center and the following organizations will be maintained:

1. The State Division of Emergency Management regarding the local situation and request for state resources.
2. State Emergency Support Function 8 (including the Mobile Emergency Radiological Laboratory) regarding accident assessment and protective response.
3. The nuclear power plant via the Hot Ring Down system, commercial telephone, and/or the Emergency Satellite Communications System.
4. Miami-Dade County via the Hot Ring Down system, commercial telephone, and/or the Emergency Satellite Communications System.
5. The Emergency News Center via commercial telephone.
6. Public Safety Office located in Marathon via the commercial telephone, or Hot Ring Down System.
7. Local emergency response agencies by agency radio systems and commercial telephone.
8. Medical facilities and ambulance services through the County's Upper Keys Radiological Emergency Preparedness emergency operations center at Tavernier Fire Rescue Station #22.
9. Federal agencies, coordinated by the Division of Emergency Management.

Hard copy communications will be provided by facsimile systems among the State Division of Emergency Management, the utility and the Miami-Dade County Department of Emergency Management.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

C. Test Schedule for Communications Equipment

Miami-Dade and Monroe counties' testing of communications systems will be in accordance with Chapter 6 this Annex.

VIII. Public Information

A. Public Education

A coordinated dissemination of information will be conducted annually in the area surrounding the Turkey Point Nuclear Power Plant to keep the residents and the media informed of the consequences surrounding a nuclear power plant emergency and of the response plans for management of the emergency.

Florida Power & Light, Miami-Dade County and Monroe County will jointly develop and maintain a public information document containing appropriate educational material. This publication will include but not be limited to the following information:

1. Information about radiation
2. The office and telephone number to contact for further information
3. Information on protective measures, including evacuation routes, reception centers, sheltering, and the identification of radio stations that will be used to broadcast emergency information
4. Specific information for the disabled

Information booklets are distributed annually by Florida Power and Light to all residents, businesses and lodging facilities within the 10-mile emergency planning zone.

Appropriate public notices will be posted in parks, beaches, and other outdoor recreational facilities within the 10-mile emergency planning zone that are under the control of State and local government. These will inform the transient population of appropriate actions to take when they hear an alert signal (refer to Chapter 7 of this Annex).

B. Media Education

The Division of Emergency Management, Florida Power and Light, Miami-Dade County and Monroe County will conduct coordinated programs to acquaint the news media with the radiological emergency plans and procedures for the Turkey Point Nuclear Power Plant. Information on radiation and the points of release of public information during an emergency is discussed.

C. Emergency News Releases

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

Dissemination of information to the public and the news media will be coordinated by the Public Information Officers from the licensee, Division of Emergency Management and Miami-Dade and Monroe counties. These officials will obtain information about their respective emergency response activities and disseminate it to the media. A common center for news releases in the Turkey Point Nuclear Power Plant area is the emergency news center, located adjacent to the Florida Power and Light emergency operations facility in Miami (refer to Chapter 7 of this Annex).

D. Rumor Control

The Miami-Dade County Answer Center will be in the county emergency operations center with 24-hour coverage during an emergency. The telephone number is listed in the public information booklets distributed within the 10-mile emergency planning zone and media releases during an emergency.

Monroe County's Emergency Information Hotline will be in the Radiological Emergency Preparedness emergency operation center with 24-hour coverage during an emergency. The telephone number is listed in media releases during the emergency.

Upon activation of the county rumor control centers and the Florida Emergency Information Line, a schedule will be established for the exchange and coordination of information in accordance with procedures.

IX. Emergency Facilities and Equipment

A. Miami-Dade County Emergency Operations Center

The Miami-Dade County emergency operations center is located at 9300 NW 41 Street as shown in Figure II-7. The emergency operation center will be staffed in accordance with established county implementing procedures.

The Miami-Dade County emergency operations center may be activated by the Director, or upon the direction of the County Manager. Activation of the emergency operations center will involve immediate staffing of designated personnel and notification of appropriate emergency response personnel. Emergency personnel will either be placed on standby or active status, depending upon the severity of the emergency. Notification will be in accordance with established county procedures.

B. Monroe County Emergency Operations Center

Currently, Monroe County has two locations identified as the radiological emergency preparedness emergency operations centers. The primary radiological emergency preparedness emergency operations center is located at the Tavernier Fire Rescue Station in Tavernier, with the Key Largo Fire Rescue Station in Key Largo as a back-up facility. The location of these facilities is shown in Figure II-8.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

The Monroe County emergency operations center may be activated by the Director of Emergency Management, or designee, upon receipt of notification of an Alert emergency class, or upon the direction of the Mayor of the Monroe County Board of County Commissioners. Activation of the emergency operations center will involve immediate staffing of designated personnel and notification of all emergency response personnel. Emergency personnel will either be placed on standby or active status, depending upon the severity of the emergency. Notification will be in accordance with established county procedures.

C. Licensee Emergency Operations Facility

Florida Power & Light Company's emergency operations facility is located at its corporate headquarters at 9250 W. Flagler Street, Miami. The location of the emergency operations facility is shown in Figure II-7. Representatives from the Miami-Dade County Department of Emergency Management and the Monroe County Emergency Management Department will report to the Licensee's emergency operations facility upon activation.

D. Emergency News Center

An Emergency News Center with accommodations for up to 50 media representatives is located at the licensee's emergency operations facility. Public Information Officers from the State, Miami-Dade County and Monroe County will report to the emergency news center when the facility is activated. The location of the emergency operations facility is shown in Figure II-7.

E. Evacuation Centers

1. Miami-Dade County

Locations of facilities that may be utilized to provide temporary shelter for evacuees from portions of Miami-Dade County within the 10-mile emergency planning zone are shown in Figure II-9. Centers are selected at the time of the incident based on availability and other operational factors.

2. Monroe County

Locations of facilities that may be used to provide temporary shelter for evacuees from portions of Monroe County within the 10-mile emergency planning zone are shown in Figure II-11.

F. Radiological Facilities

1. Miami-Dade County

Miami-Dade County uses CD V-777-1 kits (or equivalent) for radiological monitoring. These kits are located at the Miami-Dade emergency operations center. Emergency responders are trained in the proper use of this equipment. Those receiving training are assigned to emergency

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

response positions. A list of available kits is provided in Figure II-12. This number changes depending on calibration and repairs.

Miami-Dade County will inventory and inspect communications equipment and radiological monitoring equipment after each exercise and as required.

Defective radiological monitoring instruments will be exchanged by the State Department of Health Radiological Instruments Maintenance and Calibration Facility in Orlando. Calibration of the instruments will be in accordance with intervals recommended by the suppliers.

Should assistance be requested under the provisions of the Interagency Radiological Monitoring and Assistance Plan, the Division of Emergency Management will coordinate the required assistance.

2. Monroe County

Monroe County uses CD V-777-1 (or equivalent) radiological emergency response kits. These are located at the Ocean Reef Department of Public Safety, Tavernier Fire Rescue, and Monroe County Sheriff's Office substation in Plantation Key (see Figure II-8). A list of available kits is provided in Figure II-12. Emergency responders are trained in the proper use of this equipment. Those receiving training are assigned to emergency response positions.

Monroe County will inventory and inspect communications equipment and radiological monitoring equipment after each exercise and as required.

Defective radiological monitoring instruments will be exchanged by the Bureau of Radiation Control's Radiological Instrument Maintenance and Calibration Facility. Calibration of the instruments will be in accordance with intervals recommended by the supplier.

Should assistance be requested under the provision of the Interagency Radiological Monitoring and Assistance Plan, the State Division of Emergency Management will coordinate the required assistance.

G. Local Resources to Support the Federal Emergency Response

Federal emergency response agencies dispatched to the Turkey Point Nuclear Power Plant emergency area will locate in close proximity. The federal government public information officers will be located with the utility, state and local Public Information Officers at the emergency news center. State and local emergency personnel will assist federal personnel in establishing operations.

X. Accident Assessment

- A. The State Department of Health will be responsible for offsite radiological accident assessment (see Chapter 9 of this Annex).

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

- B. The Turkey Point Nuclear Power Plant will provide offsite monitoring and initial accident assessment until State Emergency Response Team personnel deploy to its assigned duty station to assume this responsibility.
- C. The Department of Health has established a field team composed of health physicists located in Miami. This team will be dispatched to the Turkey Point site to provide early offsite monitoring. The team will coordinate monitoring activities with the licensee's field teams, and send a liaison to the Miami-Dade and Monroe county emergency operations centers and to the State Emergency Operations Center.
- D. Should it become necessary to dispatch Bureau of Radiation Control survey teams to the Turkey Point site area, the Mobile Emergency Radiological Laboratory will be dispatched to its berthing site in accordance with Department of Health procedures and Chapter 9 of this Annex.
- E. When the Department of Health field monitoring teams are deployed and the Mobile Emergency Radiological Laboratory is in its assigned location, it will be the sole point for analysis and receipt of all off-site field monitoring data and sample media for accident assessment. Accident assessment will be based on field monitoring results, the current meteorological conditions, plant conditions, plant prognosis, and any licensee release information as it becomes available. Protective action recommendations will be relayed to Miami-Dade County, Monroe County and state representatives at the emergency operations facility. Protective action decisions will be forwarded to the respective emergency operations centers by their representative to ensure there are no impediments to implementing protective action decisions.
- F. Monitoring of the affected area(s) and recommended protective actions will continue until no longer necessary.

XI. Radiological Exposure Control

- A. Emergency workers will be issued direct-reading and dosimeter badges prior to entering any area suspected of radioactive contamination in accordance with procedures outlined in Chapter 10 of this Annex. Personnel performing emergency service functions inside the radiation hazard area will read direct-reading dosimeters at 30-minute intervals and report accumulated exposure to their supervisor at least every six hours and when their exposure reaches or exceeds 100 mR and 500 mR. The supervisor will be responsible for maintaining dose records which will be reported to the appropriate county emergency operations center at least once every six hours.
- B. The Bureau of Radiation Control exposure limit is 500 mR per day and 5000 mR for the duration of the emergency. Any person whose exposure has reached 500 mR or more will be directed to leave the area and report to a personnel monitoring station for appropriate action. The supervisor will report the exposure to the County Radiation Officer, who will report to the Radiological Safety Officer.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

- C. When manpower allows, rotation of personnel out of the affected area will begin when exposure has reached 500 mR. Personnel will be directed to report to a monitoring station for appropriate action. Should it become necessary to expose emergency workers to radiation doses in excess of 500 mR, the Mayor of the Monroe Board of County Commissioners (or designee), or the Miami-Dade County Mayor (or designee) will make the decision after consultation with the Bureau of Radiation Control Operations Officer. Total dose limits for emergency workers will not exceed 25 rem, except for voluntary lifesaving activities.
- D. The use of potassium iodide has been pre-approved by the State Health Officer for state and county radiation workers. Based on actual releases of radioactive iodine, the Department of Health Operations Officer will direct potassium iodide be taken by state radiation workers and will notify the counties of the decision. The decision to administer potassium iodide to county emergency workers will then be made by the Mayor of the Monroe Board of County Commissioners (or designee), or the Miami-Dade County Mayor (or designee) in accordance with established county procedures. During a rapidly escalating incident, where releases of radioactive iodine are imminent or have occurred, the county health officers may recommend county emergency workers take potassium iodide before consultation with the Department of Health Operations Officer. The County Health Officer will be available for consultation. Potassium iodide for thyroid blocking is considered to be the proper response for emergency workers when they are involved in a nuclear emergency where the projected radiation dose to the thyroid from radioactive iodine is greater than 5 Rem. The County Health Officer is responsible for proper storage, periodic inspection and distribution of potassium iodide in accordance with established county procedures and the Bureau of Radiation Control's Standard Operating Procedure 7.
- E. Personnel who are injured in the area of a radiological emergency will be treated as possible contaminated victims until positive determination can be made. Emergency medical personnel will follow established county procedures to prevent the spread of contamination on an injured person, to medical support personnel, and to medical equipment until the injured person can be transported to Baptist Hospital or Mercy Hospital for treatment of the contaminated injury. Possible or actual radiological contamination should not delay treatment of severely injured victims.
- F. Radiation exposure records will be prepared for each emergency worker who worked inside the radiation hazard area in accordance with procedures outlined in Chapter 10 of this Annex. These records will be forwarded through the county to the Bureau of Radiation Control who will prepare a permanent record and return one copy to the county director. The permanent record dosimeter badges will be collected and returned to the Bureau of Radiation Control for reading by the contractor. A printout of dosimeters readings will be provided to the emergency worker and the Division of Emergency Management, via the County Radiation Officer.
- G. Procedures have been established for routine exchange and servicing of the dosimeter badges by the Bureau of Radiation Control during non-emergency

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

periods. Dosimeter badges will be stored at the county emergency operations centers:

Miami-Dade Department of Emergency Management
9300 NW 41 Street
Miami, Florida 33178

Ocean Reef Public Safety Department
100 Anchor Drive
Key Largo, Florida

Tavernier Fire Rescue Station
151 Marine Avenue
Tavernier, Florida

XII. Protective Response

Protective actions which may be initiated to provide for the safety of the public may include any or all of the following: Notification of affected residents and transients to seek immediate in-place shelter, evacuation of transients and residents within designated zones exposed to a plume of radioactive gases to shelter areas outside the 10-mile emergency planning zone, control of entrance into affected areas, implementation of procedures to prevent the consumption and distribution of contaminated food and water supplies and implementation of procedures to decontaminate persons exposed to radiation.

A. Protective Action Guides

The Department of Health State Emergency Response Team personnel will use the U.S. Environmental Protection Agency's Protective Action Guide Manual 400-R-92-001 as a guide for recommending protective actions. The Department of Health Operations Officer will provide these recommendations to Risk counties and to the State Coordinating Officer. If time does not permit State involvement in initial decision making, the decision to take protective actions may be made by the Miami-Dade County Mayor and the Mayor of the Monroe County Board of County Commissioners, or their designated alternates. Protective actions will be implemented by the Director of the Miami-Dade Department of Emergency Management and the Monroe County Director of Emergency Management.

Predetermined protective actions will be taken when the projected dose rate at any place and time appear to be at or above those recommended in the protective action guides identified in Chapter 11 of this Annex .

B. Potassium Iodide

1. Potassium iodide can be given to emergency workers to saturate their thyroid gland with stable iodide and thus prevent the uptake of inhaled or ingested radioactive iodide. Potassium iodide does not protect other parts of the body to radiation exposure and does not protect the thyroid from external radiation. The greatest percentage of thyroid protection occurs when potassium iodide is administered at or about the time of

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

exposure. Potassium iodide will be furnished for emergency workers and difficult to move people in accordance with established county procedures and policies and with the Bureau of Radiation Control's standard operating procedure number 7 and Chapters 10 and 11 of this Annex .

2. Potassium iodide will be issued to members of the general public in accordance with established county procedures and policies and with the Bureau of Radiation Control's standard operating procedure number 20 and Chapters 10 and Chapter 11 of this Annex. To provide for issuance of potassium iodide to members of the public, stockpiles of potassium iodide are strategically located near nuclear power plant sites. During an emergency, if stocks at one or more locations run low, additional stocks from other sites will be brought in. The issuance of potassium iodide will be authorized by the Bureau of Radiation Control Operations Officer or designee.

C. Control of Access into Affected Areas

No reentry will be authorized without concurrence of the State Coordinating Officer, the Miami-Dade and Monroe County Mayors, or their designees. This decision will be based upon the advice of the Bureau of Health and the County Health Department. Cleared areas will be opened only when clearly definable boundaries are available. Law enforcement personnel will provide support to control entrance into the affected area.

D. Sheltering (In-Place)

The decision to implement taking shelter indoors instead of evacuation will be made by the Miami-Dade and Monroe County Mayors through the county directors, or designees. This decision will be made based upon current weather conditions, traffic impediments, and the advice of the Bureau of Radiation Control and/or the county health department. The notification to take shelter indoors will be issued by radio, television broadcast, police, fire, and emergency personnel using loudspeakers and National Oceanic and Atmospheric Administration weather alert radios, in accordance with the criteria specified in Chapter 11 of this Annex. Protective actions for special needs facilities will be given separate consideration.

E. Evacuation

Evacuation of any impacted area within the 10-mile emergency planning zone will be directed by the Miami-Dade and Monroe county Mayors or their designees. If a disaster is declared under the provisions of Chapter 252, Florida Statutes, the Governor or the State Coordinating Officer, in consultation with the Bureau of Radiation Control and Miami-Dade and Monroe county Mayors or designees, may order an evacuation if necessary, and jointly direct the evacuation operation with the Miami-Dade and Monroe county Mayors.

If the order to evacuate is given, evacuation will be by area utilizing geographic boundaries. Citizens residing in an area which is ordered to evacuate will be

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

instructed to proceed according to the evacuation plan for that area. The population distribution by sector within the 10-mile emergency planning zone is shown in Figure II-14. Evacuation routes for residents within the 10-mile emergency planning zone are identified in Figure II-15.

Traffic control points along evacuation routes will be established to expedite the flow of traffic during the evacuation process. Miami-Dade County will utilize police officers from the Miami-Dade Police Department and will be assisted by members of the Homestead and Florida City Police Departments and the Florida Highway Patrol as necessary. Monroe County will utilize deputies from the Monroe County Sheriff's Department and will be assisted by emergency support function 16 as necessary. Barricades will be utilized at those points not manned by law enforcement personnel.

1. Evacuation Areas

The following describes evacuation areas in Miami-Dade and Monroe counties, by zones (refer to Figure II-16):

Zone 1

The Turkey Point Nuclear Power Plant and surrounding owner controlled areas.

Zone 2 (0-2 Miles)

Out 360 degrees to two (2) miles, including Biscayne National Park and Homestead Bayfront Park.

Zone 3 (2-5 Miles for Sectors N, M, L, K, J)

North of: Dade/Monroe County Line.
South of: SW 344 Street (Palm Drive).
West of: SW 137 Avenue (Tallahassee Road).
East of: Biscayne Bay and the Atlantic Ocean.

Zone 4 (2-5 Miles for Sectors R, Q, P including Homestead Air Reserve Base)

North of: SW 344 Street (Palm Drive).
South of: SW 280 Street (Waldin Drive) and Moody Drive.
West of: 137 Avenue (Tallahassee Road).
East of: Biscayne Bay and the Atlantic Ocean.

Zone 5 (5-10 Miles for Sector A)

North of: Black Creek from the Florida Turnpike Extension (SR 821) to Biscayne Bay.
South of: SW 184 Street (Eureka Drive) from Biscayne Bay to U.S. 1.

Appendix II

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

West of: U.S. 1 from 184 Street (Eureka Drive).
The Florida Turnpike Extension (SR 821) from 200
Street (Quail Roost Drive) to Black Creek.
East of: Biscayne Bay and the Atlantic Ocean.

Zone 6 (5-10 Miles for Sectors Q, R)

North of: Moody Drive and SW 280 Street (Walden Drive).
South of: SW 200 Street (Quail Roost Drive), SW 204 Street
and SW 216 Street (Hailin Mill Drive).
West of: 137 Avenue (Tallahassee Road).
East of: Biscayne Bay Shoreline from SW 280 Street
(Waldin Drive) north to Black Creek.
Black Creek from Black Point to the Florida
Turnpike Extension (SR 821).
The Florida Turnpike.

Zone 7 (5-10 Miles for Sectors Q, P)

North of: SW 288 Street (Biscayne Drive).
South of: SW 216 Street (Hailin Mill Road), SW 232 Street
(Silver Palm Drive), SW 248 (Coconut Palm Drive)
and SW 272 Street (Epmore Drive).
West of: 147 Avenue (Naranja Road), SW 157 Avenue
(Newton Road), SW 167 Avenue (Tennessee
Road) and SW 177 Avenue (Krome Avenue).
East of: 137 Avenue (Tallahassee Road).

Zone 8 (5-10 Miles for Sector N, P)

North of: SW 392 Street.
South of: SW 288 Street (Biscayne Drive).
West of: SW 187 Avenue (Redland Road).
East of: SW 137 Avenue (Tallahassee Road)

Zone 9 (5-10 Miles for Sectors N, M, L)

North of: Miami-Dade County Work Camp Road, Florida
Rock and Sand and the Intersection of Card Sound
Road and 137 Avenue (Tallahassee Road).
South of: SW 392 Street.
West of: SW 182 Avenue (Redland Road).
East of: 137 Avenue (Tallahassee Road).

Zone 10 (5-10 Miles for Sectors H, J, K)

North of: Key Largo, Ocean Reef, Angelfish Key and Palo
Alto Key.
South of: Dade/Monroe County Line.
West of: Card Sound Road and State Road 905.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

East of: The Atlantic Ocean.

2. Evacuation for Special Needs

Residents with disabilities who require special assistance will be pre-registered. If evacuation is necessary, vehicles will be dispatched to provide transportation to the reception center.

a. Schools

There are approximately 35 public schools and 23 private schools within the 10-mile emergency planning zone (see Figure II-17). The estimated time to dispatch buses to these schools is 30 minutes after drivers are recalled. When notice to evacuate affected schools is given, the school system will make arrangements to pick up students from the schools and transport them to host schools. Families will be advised via the media not to pick up children from their school, but to reunite at host schools.

Approximately 22 private schools are located within the 10-mile emergency planning zone. Students at these schools are transported to and from school by their parents and a limited number are transported on a scheduled basis by a single van shared by one or more schools. These schools have independent disaster plans or follow the protective action recommendations of Miami-Dade Emergency Management. Protective actions are in the form of "shelter in place" or "early dismissal" recommendations. Such actions may begin as early as the Alert declaration in accordance with individual facility plans. Parents may be notified to pick up children at the schools. Should there be children that have not been picked up by parents at the General Emergency declaration, public transportation buses may be provided to evacuate these schools, as appropriate.

b. Medical Facilities (Hospitals, Retirement Homes and Villages, Group Homes, and Congregate Care Living Facilities)

Medical facilities (see Figures II-13 & II-19) are required to have relocation agreements with a similar facility in case they are required to evacuate. In case of an emergency at Turkey Point, medical facilities within the 10-mile emergency planning zone would be notified by telephone. Whenever possible, medical facilities will be allowed to practice in-place sheltering to prevent unnecessary trauma to patients. In cases where the incident is severe or will be extended over a long period of time, medical facilities may be required to evacuate.

Most of the retirement homes or villages and group homes (see Figure II-13) within the Turkey Point 10-mile emergency planning zone have transportation available or have residents who own

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

private automobiles that all the residents could be evacuated by car-pooling. However, Miami-Dade County Transit buses as well as ambulances or fire rescue vehicles may be provided to complete evacuation of these facilities, if necessary.

c. **Incarceration Facilities**

The Homestead/Florida City jail and the Miami-Dade Police Department holding cell (Cutler Ridge) are within the Turkey Point evacuation area (see Figure II-19). Both are temporary detention facilities where arrestees are held for up to four hours and three hours, respectively, prior to being transported to the appropriate Miami-Dade County Detention Center. At full capacity, they represent approximately 45 prisoners. In the event an evacuation is ordered, sufficient police vehicles would be available to remove the prisoners from the 10-mile Emergency Planning Zone.

d. **Homestead Air Reserve Base**

Homestead Air Reserve Base will be notified of an offsite release from the Turkey Point Nuclear Power Plant via the Miami-Dade Department of Emergency Management. The Miami-Dade Department of Emergency Management will notify Homestead Air Reserve Base of an evacuation order for the public. Homestead Air Reserve Base will release civilian and military personnel Homestead Air Reserve Base's mission requirements and pre-established emergency plans.

e. **Homestead Miami Speedway**

The Homestead Miami Speedway is located just outside the five (5) mile radius of the Turkey Point Nuclear Power Plant as shown in Figure II-19. It has a capacity of approximately 75,000 and is estimated to hold at least 5 sanctioned events annually.

The Homestead Police Department has jurisdiction over the Speedway, and is tasked with carrying out the evacuation. Part of the Homestead Police Department's Standard Operating Procedure for a large race event is to establish a mobile command post at the Speedway to coordinate traffic control functions. Other law enforcement agencies will also have representation at the Homestead Mobile Command Post during race events.

At the declaration of an Alert (and continuously throughout the duration of the event) at Turkey Point, communications will be established with the Homestead Mobile Command Post. If an evacuation of the Homestead Miami Speedway becomes necessary, the Miami-Dade County emergency operations center will notify the Homestead Police Mobile Command Post to activate the Speedway evacuation plan. In order to mitigate the impact of

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

evacuating the Speedway on the evacuation of the emergency planning zone's general population, the Speedway may be evacuated at the declaration of the Site-area Emergency declaration.

f. Offshore Areas

The Biscayne National Park Service and the State Emergency Support Function 16 will secure the evacuation zone(s) and direct boats in the area to the appropriate sites for possible monitoring and decontamination. Warnings to marine traffic will be broadcast by the United States Coast Guard over marine radio.

Evacuees from offshore areas in waters off Miami-Dade County will be directed to Matheson Hammock Park Marina for monitoring and decontamination as necessary. Transportation to shelter locations will be provided as necessary by Miami-Dade County.

F. Monitoring and Decontamination

Reception centers will provide monitoring and decontamination (if required) for evacuees. The monitoring and decontamination of vehicles and the handling of personal belongings will be in accordance with county procedures. Vehicles of contaminated individuals may be impounded and handled as time and resources permit (in accordance with county procedures)

In order to allow contaminated emergency vehicles and emergency workers to return to operation, monitoring and washdown sites will be set up. All monitoring and decontamination will be in accordance with local procedures.

G. Reception and Care

1. Registration

Following screening, an initial or preliminary registration to obtain the name, address and telephone number of the evacuee will be accomplished by the Miami-Dade Department of Corrections and Rehabilitation representatives. Evacuees will then be directed to proceed to designated shelters or other pre-arranged destinations.

A second and more detailed registration of evacuees will be accomplished upon arrival at the shelters. Personal data on evacuees will be collected by American Red Cross representatives in accordance with their standard operating procedures.

In Monroe County, the American Red Cross will be responsible for the registration of evacuees at the Shelter Reception Center in accordance with their standard operating procedures.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

Registration data will be tabulated and submitted to the county emergency operations centers. Registration forms will be in accordance with the agency's standard operating procedures.

2. Reception/Shelter Centers

Reception centers in risk counties will be established for the purpose of screening evacuees for contamination, decontaminating evacuees (if required), and providing food service and health and medical care to evacuees (see Figures II-9 and II-11).

After a temporary Reception Center stay, evacuees will be moved to shelters or to temporary housing provided by Emergency Support Function 6 and support agencies under the direction of Emergency Support Function 6.

Evacuees will only be allowed to reenter the affected area in accordance with conditions described in Chapter 13 of this Annex.

H. Shelter Facilities

1. Miami-Dade County

Shelters are identified by location and capacity. Capacities are based on 20 square feet per person and reflect space available that would allow the facility used to operate as a shelter and continue its primary function.

2. Monroe County

The Key Largo School will be utilized as the primary decontamination, reception, and shelter facility at Key Largo School and four (4) additional facilities which could be used as shelter/care centers. A listing of these facilities and map locations are shown in Figure II-11. Capacities are based on 20 square feet per person and reflect the maximum capability of the facility to shelter evacuees with the suspension of normal activities. Capacities would be reduced if the facilities were to serve as shelters while continuing their primary functions.

I. Control of Foodstuffs

A radiological emergency at the Turkey Point Nuclear Power Plant may adversely affect the safety of open water supplies, dairy facilities and the food supply for humans and livestock. Human and animal foods may become contaminated. The health and productivity of farm livestock may be adversely affected through exposure to radioactive contamination. The physical boundary of these adverse situations cannot be defined in advance of an accident; however, for the purpose of this Plan, a geographical area within a circle having a 50-mile radius from the Turkey Point Nuclear Power Plant is defined as the ingestion pathway zone.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

In the event of a radiological emergency at the Turkey Point Power Plant, the State Department of Health's Bureau of Radiation Control is the lead agency for the State Emergency Support Function 8. The Department of Agriculture and Consumer Services is a support agency to State Emergency Support Function 8. The departments will monitor the area within the 50-mile ingestion pathway zone (see Figure II-2). State Emergency Support Function 8, in conjunction with the county emergency operations centers and the county Agricultural Extension Officer will advise the agricultural community of protective actions necessary to reduce the risk of contamination of farm livestock, milk and dairy processors, farm products and potable water sources. Monitoring and laboratory analysis will be performed to determine the degree of contamination to human foods and livestock feed. Control of the food chain will be initiated and continued until advised to do otherwise by the Bureau of Radiation Control.

The Department of Environmental Protection, a support agency to State Emergency Support Function 8, will monitor the adequacy of open water supplies. Testing for contamination levels will be coordinated through the Department of Health.

Recommendations will be made to the State Coordinating Officer and to the affected counties for protective actions to be taken. The State Emergency Support Function 8 and the support agencies will also:

1. Take steps to prevent the spread of contaminated farm livestock feeds and human foods in the ingestion pathway zone, advise the public on acceptability of foodstuffs for consumption, and determine the degree of protective control.
2. During recovery, continue to evaluate radiological contamination of livestock feeds and human foods in the ingestion pathway zone, advise the public on acceptability of foodstuffs for consumption, and determine the degree of protective control.
3. Test open water sources and recommend protective actions to the State Coordinating Officer and the affected counties so the public can be fully informed.

XIII. Medical and Public Health Support

Baptist and Mercy Hospitals in Miami-Dade County have the necessary equipment and trained staff capable for decontaminating and treating radioactive contaminated patients. There are no facilities available in Monroe County for treatment of contaminated patients. Those persons in Monroe County with contamination will be evacuated to medical facilities in Miami-Dade County. Individuals requiring treatment for injuries not related to accidents at the Turkey Point Nuclear Power Plant will be transported to any of the hospitals outside the 10-mile emergency planning zone that normally receive emergency patients.

TURKEY POINT NUCLEAR POWER PLANT SITE PLAN

The Miami-Dade County Department of Public Health and other public health clinics in the vicinity of shelters will be utilized for general health care of the evacuees. Additional medical response personnel will be assigned to these facilities if needed.

Personnel from Monroe County Fire Rescue in Plantation Key and Mariners Hospital in Tavernier will be utilized for general health care of evacuees. Medical response personnel will be dispatched and assigned to reception centers and shelters.

XIV. Recovery and Re-entry

Decision to relax protective actions and allow for recovery and re-entry will be made jointly by the State and county in accordance with procedures outlined in Chapter 13 of this Annex.

XV. Exercises and Drills

Exercises and drills will be conducted and scheduled in accordance with the guidelines outlined in Chapter 14 of this Annex.

XVI. Radiological Emergency Response Training

The Directors of the Miami-Dade Department of Emergency Management and Monroe County Emergency Management Department are responsible for assuring that appropriate county emergency response personnel are adequately trained, in accordance with the training levels and standards outlined in Chapter 15 of this Annex.