

Supplemental Information

Withhold under 10 CFR 2.390 as “Sensitive-Federal, State, Foreign Government and International Agency Controlled.”

State of Florida Radiological Emergency Management
Plan Annex A, Appendix VI, Levy Nuclear Plant Site Plan

APPENDIX VI

Levy Nuclear Plant
Site Plan

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APPENDIX VI

LEVY NUCLEAR PLANT
SITE PLANI. **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 Levy Nuclear Plant. Progress Energy is the licensed operator (the licensee) of the Levy Nuclear Plant.

Parts of Levy, Citrus, and Marion counties lie within the 10-mile plume exposure pathway Emergency Planning Zone, and they are risk counties. All or parts of Alachua, Dixie, Gilchrist, Lake, Levy, Marion, Citrus, Hernando, Sumter, Pasco, and Putnam counties lie within the 50-mile Ingestion Pathway Zone. A map of the 10-mile Emergency Planning Zone is shown in **Figure VI-1** and a map of the 50-mile Ingestion Pathway Zone is shown in **Figure VI-2**.

The Levy Nuclear Plant is located in Levy County, Florida. This is a large, primarily rural area located southwest of Gainesville and west of Ocala and approximately 7 miles north of the Crystal River Energy Complex, an energy facility also owned by Progress Energy.

Normal prevailing wind is from the northwest blowing to the southeast; however, any response action will be based upon the actual meteorological data at the time of the incident.

II. **Organizations and Responsibilities**

The local organizations with radiological emergency responsibilities for an emergency at the Levy Nuclear Plant are identified in this section. 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, in detail, its concept of operations and its relationship to the total effort. The relationship of these organizations and their responsibilities are graphically represented in **Figures VI-3** through **VI-8**. 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. **Levy County Organizations and Responsibilities**1. **Chairman, Levy County Board of County Commissioners**

The Chairman, Levy County Board of County Commissioners, or designee, with the support of the Mayors of Yankeetown and Inglis, has the overall responsibility for radiological emergency response planning and for assuring the accuracy of applicable portions of this plan. It is his/her responsibility to initiate actions and provide

command and control at the local level, to include consideration of in-place sheltering or evacuation as options for protection of the public, and for conducting emergency operations to cope with the effects of a radiological emergency.

The Chairman of the Levy County Board of County Commissioners, or designee, is responsible for assuring continuity of resources, administrative and material, to support 24-hour operations for a protracted period and for coordination with Federal, state and local government response agencies.

It is the responsibility of the Chairman, Levy County Board of County Commissioners, or designee, acting upon the recommendation of the Levy County Emergency Management Director, or designee, and the Department of Health Operations Officer or his/her representative, to authorize emergency workers to incur exposure in excess of 500 mR. In no case will this dose exceed that recommended in Protective Action Guides for emergency workers engaged in lifesaving activities.

2. **Director, Levy County Department of Emergency Management**

The Director of the Levy County Department of Emergency Management, or designee, is responsible for the development and maintenance of procedures for implementing the required portions of this plan consistent with the emergency conditions. The director, or designee, will also provide input for the annual plan revision by the State Division of Emergency Management. The Levy County Emergency Management Director, or designee, will also coordinate overall emergency operations and support needs with the Division of Emergency Management, Citrus County, Marion County, state and Federal support agencies, and representatives from Progress Energy.

The Director, Levy County Department of Emergency Management, or designee, is responsible for early warning and notification of the population within the portion of the 10-mile Emergency Planning Zone in Levy County; activation of the Emergency Operations Center; and notification of the County Emergency Operations Center staff as appropriate to the emergency class.

3. **Levy County Sheriff's Office**

The Levy County Sheriff's Office is responsible for managing county-wide law enforcement activities including traffic control, controlling ingress and egress, and establishing traffic control points to ensure safe passage of evacuees to shelter.

If directed, the Sheriff's Office will coordinate operations to evacuate the population from the affected area to shelters by providing:

- a. Dissemination of warning and emergency information and communication support.
- b. Traffic control and law enforcement measures.
- c. Area security and control of ingress and egress within the affected area and along evacuation routes.
- d. Surveillance in the affected area to determine that all individuals have been evacuated.
- e. Surveillance and security to safeguard homes in the evacuated area.

The Sheriff's Office will provide assistance to Williston and Chiefland Police Departments in maintaining area security and law enforcement within the shelters located in Levy County.

Traffic control and law enforcement measures will be provided to assist the evacuated population returning to their homes from shelters when the emergency is over.

The Sheriff's Office will also maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

4. Town of Inglis Police Department

The Inglis Police Department will provide, upon request, assistance to the Levy County Sheriff's Office in disseminating warning and emergency information, communications support, traffic control, law enforcement and area security as needed during evacuation of the population from Levy County. They will assist in providing the following services in support of the emergency operations:

- a. Operations to direct the evacuated population to designated shelters.
- b. Traffic control and law enforcement measures.
- c. Security at shelter areas.
- d. Traffic control and law enforcement measures to assist evacuation and reentry operations.

The Inglis Police Department will maintain communications with the Levy County Sheriffs Office and coordinate support needs and operations with other agencies.

5. Levy County Road Department

The Levy County Road Department will provide assistance to the Levy County Sheriff's Office in disseminating warning and

emergency information, communications support, traffic control and area security for evacuation operations.

The Road Department will also provide the following services in support of emergency operations:

- a. Establishment and positioning of road blocks, route markers and traffic control signs to aid evacuation.
- b. Equipment and personnel support for maintenance and sanitation operations at reception centers and shelters.
- c. Waste pickup and disposal at reception centers and shelters.
- d. Assistance in decontamination of the area by providing personnel and equipment. The Levy County Road Department will also maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

6. Levy County School Board

The Levy County School Board will provide the following resources in support of evacuation, reception, food service, and shelter operations:

- a. School buses and drivers to transport evacuees to the shelters.
- b. School facilities to accommodate reception, shelter and food services for evacuees.
- c. Personnel to augment the shelter staffs in registering the evacuees.
- d. Assistance in shelter management and food service operations.

The Levy County School Board will also maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

7. Yankeetown, Inglis, Bronson, Williston and Chiefland Fire Departments

The Fire Departments of Yankeetown, Inglis, Bronson, Williston and Chiefland will, upon request, provide the following services in support of emergency operations:

- a. Assistance to the Levy County Sheriff's Office in dissemination of warning and emergency information, and in the provision of communications support.

- b. Fire surveillance and suppression service in shelters.
- c. Assistance in decontamination in areas affected by the emergency.

The Yankeetown, Inglis, Bronson, Williston and Chiefland Fire Departments will also maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

8. Levy County Health Department

The Levy County Division of Health Director and the Levy County Emergency Management Director, or their designees, will coordinate with and assist DOH with radiological accident assessment, and will also be responsible for the determination of proper protective actions in accordance with **Chapters 10, 11 and 12** of the State Annex to include the administration of potassium iodide to designated individuals if deemed necessary and directed by proper authorities.

The Levy County Health Department will provide the following services in support of emergency operations at the reception centers and shelters:

- a. Health services, and disease prevention and control measures.
- b. Sanitation and personal hygiene services, and waste disposal.
- c. Procurement of medical service support.

The Health Department will assure the issuance of necessary health orders, restrictions, and emergency information to the evacuees housed at shelters, as well as to the general population of Levy County, to facilitate:

- Disease prevention and control measures.
- Sanitation and waste disposal.
- Safe food and water supply.

The Health Department will also maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

9. Nature Coast Regional Hospital (Williston)

The Nature Coast Regional Hospital will provide the following services in support of emergency operations:

- a. In-patient hospital care and hospital facility support.
- b. Professional medical service support at shelters.

The Nature Coast Regional Hospital will also maintain communications with Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

10. Levy County Emergency Medical Services

Levy County Emergency Medical Services will provide the following services in support of emergency operations:

- a. Transportation of injured persons to Nature Coast Regional Hospital.
- b. Assistance in evacuating non-ambulatory persons from the area affected by the emergency.

Emergency Medical Services will maintain communications with the Levy County Emergency Operations Center and coordinate support needs and operations with other agencies.

11. Levy County Public Information Officer

The designated Public Information Officer is responsible for the dissemination of information to the public through the facilities of the Emergency News Center. The County Public Information Officer is the key liaison between the news media and county emergency response operations (See **Chapter 7**, Public Information and Education, of the State Annex).

B. Citrus County Organizations and Responsibilities

1. Chairman, Citrus County Board of County Commissioners

The Chairman, Citrus County Board of County Commissioners, with support of the Mayors of Crystal River and Inverness, has the overall responsibility for radiological emergency response planning, and for assuring the accuracy of applicable portions of this plan. The Chairman, through the Citrus County Sheriff's Office, Director of Emergency Operations, or designee, will be responsible for initiating actions and providing command and control at the local level, to include consideration of in-place sheltering or evacuation as options for protection of the public, and for conducting emergency operations to cope with the effects of a radiological emergency.

The Chairman will be responsible for assuring continuity of resources, administrative and material, to support 24-hour operations for a protracted period, and for coordinating with Federal, state and local government response agencies.

The Chairman, or designee, acting upon the recommendation of the Operations Officer of the Department of Health is responsible for authorizing Citrus County emergency workers to incur exposure in excess of 500 mR. In no case will this dose exceed that recommended in the Protective Action Guides for emergency workers engaged in lifesaving activities.

2. **Citrus County Sheriff's Office, Director of Emergency Operations**

The Director of Citrus County Emergency Operations, or designee, is responsible for the coordination, development and maintenance of procedures for implementing the required portions of this plan consistent with the emergency conditions. The Director, or designee, will also provide input for the annual plan revision by the State Division of Emergency Management. The Director, or designee, will be responsible for coordinating emergency operations at the local level and keeping local governmental officials advised on the status of operations. The Director, or designee, will also coordinate overall emergency operations and support needs with the State Division of Emergency Management, State and Federal support agencies, and Progress Energy.

The Citrus County Emergency Operations Director, or designee, is responsible for early warning and notification of the population within the 10-mile EPZ in Citrus County. The Director, or designee, is also responsible for activating the Emergency Operations Center when required, and notifying all local governmental and non-governmental departments and agencies supporting emergency operations in accordance with established county procedures.

3. **Citrus County HAZ/MAT, Fire Protection and Taxing District Commission, and the Crystal River and Beverly Hills Fire Departments**

The Citrus County Hazmat team, Fire Protection and Taxing District Commission, and the Crystal River and Beverly Hills Fire Departments will provide the following services in support of radiological emergency response operations:

- a. Decontamination of people and vehicles evacuated from the 10-mile Emergency Planning Zone.
- b. Assistance to the Citrus County Division of Emergency Operations in the dissemination of emergency information, and the provision of communications support.
- c. Fire surveillance and suppression services in the reception center and shelter areas.

- d. Assistance in decontamination in areas affected by the emergency.

The Crystal River Fire Department will assist in the dissemination of warning notification. All fire stations within the 10-mile Emergency Planning Zone in Citrus County will serve as collection and pickup points for evacuees without private transportation to reception centers and shelters.

The Citrus County Fire Protection and Taxing District Commission, and the Crystal River and Beverly Hills Fire Departments will also maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

4. Citrus County Sheriff's Office Patrol Division

The Citrus County Sheriff's Office will provide the following services in support of emergency operations:

- a. County-wide law enforcement activities, including traffic control, control of ingress and egress, and establishment of traffic control points to ensure safe passage of evacuees to reception centers and shelters. The Sheriff's Office provides for crowd control and security at reception centers and shelters.
- b. Surveillance of the area to determine that all individuals have been evacuated.
- c. Maintaining area security and law enforcement within the 10-mile Emergency Planning Zone and at reception centers and shelters located in Citrus County.
- d. Traffic control and law enforcement measures to assist in the evacuation of the population and the recovery and reentry operations.
- e. Provide security for the Citrus County Emergency Operations Center.
- f. Dissemination of warning and emergency information and communications support.

The Citrus County Sheriff's Office will also maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

5. Superintendent, Citrus County School Board

The Citrus County School Board Superintendent has the responsibility to manage the hosting operations within Citrus County. It is his/her responsibility to ensure that adequate

sheltering, food service and health care are available for evacuees. This effort will be aided by the local American Red Cross Chapter and the Citrus United Basket.

The Citrus County School Board will provide the following resources in support of evacuation, reception and care, and food service operations:

- a. School buses and drivers to assist in moving evacuees from the area to be evacuated to the reception centers and shelters.
- b. School facilities to accommodate reception centers and shelters, with food service for the evacuees.
- c. Personnel to augment reception center and shelter staffs in registering the evacuees, to assist in shelter management, and to provide food service support.

The Citrus County School Board Superintendent will also maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

6. Director, Citrus County Division of Health

The Citrus County Division of Health Director, and the County Emergency Operations Director, or their designees, will coordinate with and assist the Department of Health with radiological accident assessment, and will also be responsible for the determination of proper protective actions, in accordance with **Chapters 10, 11 and 12** of the State Annex to include the administration of potassium iodide to designated individuals if deemed necessary and directed by proper authorities.

The Division of Health will be responsible for the maintenance of potassium iodide for Citrus County, and will provide the following health care services to evacuees and emergency workers in support of emergency operations in the reception centers and shelter facilities:

- a. Health services and disease prevention and control measures.
- b. Sanitation and personal hygiene services, and waste disposal.
- c. Procurement of medical service support.

The Director will assure the provision of necessary health orders, restrictions, and emergency information to evacuees housed in reception and shelter facilities, as well as to the general population of Citrus County, to facilitate disease prevention and control

measures, sanitation and waste disposal, and safe food and water supply.

The Division of Health will also maintain communications with the Division of Health personnel in the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

7. **Citrus Memorial Health Systems and Seven Rivers Regional Medical Center**

Citrus Memorial Health Systems and Seven Rivers Regional Medical Center will provide the following services in support of emergency operations:

- a. In-patient hospital care and hospital facility support.
- b. Professional medical service support in reception centers and shelter facilities.
- c. Treatment of radiologically contaminated victims when necessary.

Citrus Memorial Health Systems and Seven Rivers Regional Medical Center will also maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

8. **Nature Coast Emergency Medical Services**

Nature Coast Emergency Medical Services will provide the following services in support of emergency operations:

- a. Transportation of injured persons to Citrus Memorial Health Systems or Seven Rivers Regional Medical Center.
- b. Assistance in evacuating patients from hospitals or care centers for disabled persons.
- c. Coordinate and assist in the evacuation of non-ambulatory patients from the affected area.

Nature Coast Emergency Medical Services will maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

9. **Citrus County Department of Technical Services and Department of Public Works**

The Citrus County Department of Technical Services and Department of Public Works will provide assistance to the Citrus County Division of Emergency Management in disseminating warning and emergency information. Communications support

and the following services in support of emergency operations will be provided:

- a. Assistance to the Citrus County Sheriff's Office in traffic control and area security for evacuation and recovery and reentry operations.
- b. Establishment of road blocks, route markers and traffic control signs to support evacuation operations.
- c. Equipment and personnel to assist in decontamination of the affected area.
- d. Equipment and personnel support for maintenance and sanitation operations at the reception centers and shelters.
- e. Waste pickup and disposal at the reception centers and shelters.

The Citrus County Department of Technical Services and Department of Public Works will also maintain communications with the Citrus County Emergency Operations Center and coordinate support needs and operations with other agencies.

10. Citrus County Department of Community Services

The Citrus County Department of Community Services will provide the following services in support of emergency operations:

- a. Transportation and financial assistance to indigent persons.
- b. Transportation for people with special evacuation needs.
- c. Assistance to State Emergency Support Function 8 and the support agencies in the monitoring and control of potentially contaminated foodstuffs.

11. Citrus County Public Information Officer

The designated Public Information Officer is responsible for the dissemination of information to the public through the facilities of the licensee's Emergency News Center. The County Public Information Officer is the key liaison between the news media and county emergency response operations (see **Chapter 7**, Public Information and Education, of the State Annex).

C. Marion County Organizations and Responsibilities

1. Chairman, Marion County Board of County Commissioners

The Chairman, Marion County Board of County Commissioners, or designee, with the support of the Mayor of Dunnellon, has the overall responsibility for radiological emergency response

planning and for assuring the accuracy of applicable portions of this plan. It is his/her responsibility to initiate actions and provide command and control at the local level, to include consideration of in-place sheltering or evacuation as options for protection of the public, and for conducting emergency operations to cope with the effects of a radiological emergency.

The Chairman of the Marion County Board of County Commissioners, or designee, is responsible for assuring continuity of resources, administrative and material, to support 24-hour operations for a protracted period and for coordination with Federal, state and local government response agencies.

It is the responsibility of the Chairman, Marion County Board of County Commissioners, or designee, acting upon the recommendation of the Marion County Emergency Management Director, or designee, and the Department of Health Operations Officer or his/her representative, to authorize emergency workers to incur exposure in excess of 500 mR. In no case will this dose exceed that recommended in Protective Action Guides for emergency workers engaged in lifesaving activities.

2. **Director, Marion County Department of Emergency Management**

The Director of the Marion County Department of Emergency Management, or designee, is responsible for the development and maintenance of procedures for implementing the required portions of this plan consistent with the emergency conditions. The director, or designee, will also provide input for annual plan revision by the State Division of Emergency Management. The Marion County Emergency Management Director, or designee, will also coordinate overall emergency operations and support needs with the Division of Emergency Management, Levy County, Citrus County, state and Federal support agencies, and representatives from Progress Energy.

The Director, Marion County Department of Emergency Management, or designee, is responsible for early warning and notification of the population within the portion of the 10-mile Emergency Planning Zone in Marion County; activation of the Emergency Operations Center; and notification of the County Emergency Operations Center staff as appropriate to the emergency class.

3. **Marion County Sheriff's Office**

The Marion County Sheriff's Office is responsible for managing county-wide law enforcement activities including traffic control, controlling ingress and egress, and establishing traffic control points to ensure safe passage of evacuees to shelter.

If directed, the Sheriff's Office will coordinate operations to evacuate the population from the affected area to shelters by providing:

- a. Dissemination of warning and emergency information and communication support.
- b. Traffic control and law enforcement measures.
- c. Area security and control of ingress and egress within the affected area and along evacuation routes.
- d. Surveillance in the affected area to determine that all individuals have been evacuated.
- e. Surveillance and security to safeguard homes in the evacuated area.

The Sheriff's Office will provide assistance to the Dunnellon Police Department in maintaining area security and law enforcement within the shelters located in Marion County.

Traffic control and law enforcement measures will be provided to assist the evacuated population returning to their homes from shelters when the emergency is over.

The Sheriff's Office will also maintain communications with the Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

4. City of Dunnellon Police Department

The Dunnellon Police Department will provide, upon request, assistance to the Marion County Sheriff's Department in disseminating warning and emergency information, communications support, traffic control, law enforcement and area security as needed during evacuation of the population from Marion County. They will assist in providing the following services in support of the emergency operations:

- a. Operations to direct the evacuated population to designated shelters.
- b. Traffic control and law enforcement measures.
- c. Traffic control and law enforcement measures to assist evacuation and reentry operations.

The Dunnellon Police Department will maintain communications with the Marion County Sheriff's Office and coordinate support needs and operations with other agencies.

5. Marion County Road Department

The Marion County Road Department will provide assistance to the Marion County Sheriff's Office in disseminating warning and emergency information, communications support, traffic control, and area security for evacuation operations.

The Road Department will also provide the following services in support of emergency operations:

- a. Establishment and positioning of road blocks, route markers and traffic control signs to aid evacuation.
- b. Equipment and personnel support for maintenance and sanitation operations at reception centers and shelters.
- c. Waste pickup and disposal at reception centers and shelters.
- d. Assistance in decontamination of the area by providing personnel and equipment. The Marion County Road Department will also maintain communications with the Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

6. Marion County School Board

The Marion County School Board will provide the following resources in support of evacuation, reception, food service, and shelter operations:

- a. School buses and drivers to transport evacuees to the shelters.
- b. School facilities to accommodate reception, shelter and food services for evacuees.
- c. Personnel to augment the shelter staffs in registering the evacuees.
- d. Assistance in shelter management and food service operations.

The Marion County School Board will also maintain communications with the Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

7. **City of Dunnellon and Rainbow Lakes Estates Fire Departments**

The Fire Departments of Dunnellon and Rainbow Lakes Estates will, upon request, provide the following services in support of emergency operations:

- a. Assistance to the Marion County Sheriff's Office in dissemination of warning and emergency information, and in the provision of communications support.
- b. Fire surveillance and suppression service in shelters.
- c. Assistance in decontamination in areas affected by the emergency.

The City of Dunnellon and Rainbow Lakes Estates Fire Departments will also maintain communications with the Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

8. **Marion County Health Department**

The Marion County Division of Health Director and the Marion County Emergency Management Director, or their designees, will coordinate with and assist DOH with radiological accident assessment, and will also be responsible for the determination of proper protective actions in accordance with **Chapters 10, 11 and 12** of the State Annex to include the administration of potassium iodide to designated individuals, if deemed necessary and directed by proper authorities.

The Marion County Health Department will provide the following services in support of emergency operations at the reception centers and shelters:

- a. Health services, and disease prevention and control measures.
- b. Sanitation and personal hygiene services, and waste disposal.
- c. Procurement of medical service support.

The Health Department will assure the issuance of necessary health orders, restrictions, and emergency information to the evacuees housed at shelters, as well as to the general population of Marion County, to facilitate:

- Disease prevention and control measures.
- Sanitation and waste disposal.
- Safe food and water supply.

The Health Department will also maintain communications with the Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

9. Munroe Regional Medical Center

The Munroe Regional Medical Center will provide the following services in support of emergency operations:

- a. In-patient hospital care and hospital facility support.
- b. Professional medical service support at shelters.

The Munroe Regional Medical Center will also maintain communications with Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

10. Marion County Emergency Medical Services

Marion County Emergency Medical Services will provide the following services in support of emergency operations:

- a. Transportation of injured persons to Munroe Medical Center.
- b. Assistance in evacuating non-ambulatory persons from the area affected by the emergency.

Emergency Medical Services will maintain communications with Marion County Emergency Operations Center and coordinate support needs and operations with other agencies.

11. Marion County Public Information Officer

The designated Public Information Officer is responsible for the dissemination of information to the public through the facilities of the Emergency News Center. The Public Information Officer is the key liaison between the news media and county emergency response operations (See **Chapter 7**, Public Information and Education, of the State Annex).

D. Alachua County Organizations and Responsibilities

The Chairperson, Alachua County Board of County Commissioners, or the Director of Emergency Management, 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.

2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

E. Dixie County Organizations and Responsibilities

The Chairperson, Dixie 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

F. Hernando County Organizations and Responsibilities

The Chairperson, Hernando 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.

5. Provide communication support.

G. Gilchrist County Organizations and Responsibilities

The Chairperson, Gilchrist 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs
5. Provide communication support.

H. Lake County Organizations and Responsibilities

The Chairperson, Lake 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

I. Pasco County Organizations and Responsibilities

The Chairperson, Pasco 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

J. Sumter County Organizations and Responsibilities

The Chairperson, Sumter 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support agencies in the chemical analysis of water obtained from public water supplies.
4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

K. Putnam County Organizations and Responsibilities

The Chairperson, Pasco 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 Bureau of Radiation Control's monitoring activities and the control of potentially contaminated foodstuffs.
2. Maintain current lists of dairy and other food producers and processors located within the county.
3. Coordinate with State Emergency Support Function 8 and the support

agencies in the chemical analysis of water obtained from public water supplies.

4. Provide law enforcement to assist with security, traffic control, enforcing embargos and control of foodstuffs.
5. Provide communication support.

L. 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 Levy, Citrus and Marion 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 shelters.
2. Managing government-designated shelters which includes:
 - a. Working with local government in performing shelter surveys during pre-planning.
 - b. Training of shelter workers during pre-planning.
 - c. Staffing shelters.
 - 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 shelters.

M. State Division of Emergency Management

The State Division of Emergency Management will maintain liaison with representatives from Progress Energy 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 Levy Nuclear Plant. Upon notification of the declaration of a radiological emergency at the plant, the State Division of Emergency Management will assist in the notification of appropriate local, state and Federal response agencies in accordance with procedures outlined in **Chapter 5** (Notification and Activation) of the State 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 resources and support.

N. 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 Departments of Health regarding emergency medical operations.

O. Progress Energy

Representatives from Progress Energy will maintain liaison with state, county and Federal agencies. Progress Energy representatives will be responsible for keeping appropriate officials from these local, state and Federal agencies informed of emergency plans. Progress Energy 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** (Emergency Classification System) of the State Annex.

Until the Department of Health State Emergency Response Teams arrive and are operational at the scene, the licensee will 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. Command and Control for Initial Radiological Response

Levy, Citrus and Marion counties are responsible for initial radiological emergency response operations. The organization of Levy, Citrus and Marion county emergency response agencies is outlined in **Figures VI-4, VI-6, and VI-8** respectively. Each county will coordinate emergency operations through the Emergency Management/Operations Directors, or their designees. The primary and support functions and responsibilities of each Levy, Citrus, and Marion county agency are outlined in **Figures VI-3, VI-5, and VI-7** respectively.

The State will support county emergency operations from the State Emergency Operations Center. If conditions warrant, the State Division of Emergency Management will provide coordination with risk county emergency operations and will activate the State Emergency Operations Center. Should the scope of the emergency exceed the response capability of the risk counties, increased State action will be warranted. 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 such an Executive Order, the risk counties will continue to coordinate county response operations.

A. Levy County

The Chairperson, Levy County Board of County Commissioners, will initially exercise command and control to conduct emergency operations necessary to protect the population of Levy County from the effects of an emergency at the Levy Nuclear Plant. In his/her absence, responsibility will be delegated according to established county procedures for continuity of county government. The County will coordinate such actions through its Emergency Management Director, or designee, and county emergency response agencies.

B. Citrus County

The Chairperson, Citrus County Board of County Commissioners, through the county Emergency Operations Director, or designee, will be responsible for the command and control necessary to initiate actions and conduct emergency operations required to protect the population of Citrus County from the effects of an emergency at the Levy Nuclear Plant. In his/her absence, responsibility will be delegated according to established county procedures for continuity of government. The County will coordinate such actions through its Emergency Operations Director and county emergency response agencies.

C. Marion County

The Chairperson, Marion County Board of County Commissioners, will initially exercise command and control to conduct emergency operations necessary to protect the population of Marion County from the effects of an emergency at the Levy Nuclear Power Plant. In his/her absence, responsibility will be delegated according to established county procedures for continuity of county government. The County will coordinate such actions through its Emergency Management Director, or designee, and county 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** (Emergency Classification System) of the State Annex.

V. Notification and Activation

Upon declaration of a radiological emergency at the Levy Nuclear Plant, the licensee's Emergency Coordinator, or designee, will notify the State Warning Point in Tallahassee and warning points in Levy County, Citrus County, Marion County, and the Department of Health simultaneously via the Hot Ring Down telephone system within 15 minutes. The State Warning Point will verify that all warning points have picked up on the Hot Ring Down system. The commercial telephone system is the secondary notification system. The Emergency Satellite Communications 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 State of Florida Notification Message Form. The State Warning Point will verify receipt of the message by Levy

County, Citrus County, Marion County, and the Department of Health. The State Warning Point will also notify other emergency response organizations, in accordance with the procedures outlined in **Chapter 5** (Notification and Activation) of the State Annex.

The Chairpersons of the Levy, Citrus, and Marion County Boards of County Commissioners or their designees will activate respective county response plans. Local response organizations will be notified of the emergency by the county warning points. The notification message will specify that the organization stand by or start to mobilize emergency response personnel. County emergency response personnel will be called to duty using established county notification procedures. Should mobilization be required, emergency response personnel will report to their agency response center for specialized equipment and further instructions.

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, designated response organizations will be notified by the county warning points to stand by until verbal closeout or escalation to a more severe class.

B. Alert

At this emergency class, designated response organizations will be notified by the county warning points to stand by until verbal closeout or escalation to a more severe class. Upon receipt of a notification of an Alert, the Directors of Levy County Emergency Management, Citrus County Emergency Operations, and Marion County Emergency Management, or their designees, may augment their resources by activating the Emergency Operations Centers for their respective counties and other primary response centers on a limited basis. The directors, or their designees, will also alert to standby status key local emergency response personnel, or may instruct them to report to the Emergency Operations Center, if the situation warrants. All emergency response organizations will maintain alert status until verbal closeout or escalation to a more severe class.

C. Site Area Emergency

Upon receipt of a notification of a Site Area Emergency, the Levy County Director of Emergency Management, Citrus County Emergency Operations Director, and the Marion County Director of Emergency Management, or their designees, will activate the County Emergency Operations Centers and other emergency response centers as appropriate. Local emergency response organizations will be activated and will report to their duty stations in accordance with established county procedures.

If in-place sheltering or evacuation near the site is appropriate, Levy, Citrus and Marion Counties will activate the public notification systems. Levy, Citrus and Marion county officials will provide the public within a 10-

mile radius of the Levy Nuclear Plant with periodic updates on the status of the emergency. If the Emergency News Center is operational, all public information will be coordinated through this facility.

The Department of Health will provide offsite radiological monitoring and protective action recommendations upon arrival at the area. Prior to deployment of the Department of Health field monitoring teams, the licensee will provide dose projection data and protective action recommendations to the risk counties and will advise appropriate State Division of Emergency Management personnel of those recommendations. Refer to **Figure VI-26** for pre-selected sampling locations.

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

D. General Emergency

Upon receipt of a notification of a General Emergency, the Levy County Emergency Management Director, Citrus County Emergency Operations Director and Marion County Emergency Management Director, or their designees, will notify all local emergency response organizations and activate all emergency response centers. The public notification systems will be activated in Levy, Citrus and Marion counties.

All other response actions will be the same as the previous emergency class.

VI. Notification of the Public

Progress Energy has installed sirens for notification of the public within the 10-mile Emergency Planning Zone. The Director of Emergency Management in Levy County (or designee), the Director of Emergency Operations in Citrus County (or designee), and the Director of Emergency Management in Marion County (or designee), under the direction of the Chairperson of their respective Board of County Commissioners, will be responsible for activating the siren system. Residents and transients within the 10-mile Emergency Planning Zone will be advised to tune to the following Emergency Alert System stations for detailed information and instructions:

Television Station	Location
Brighthouse Cable	Lecanto
Adelphia Cable	Beverly Hills
WTSP/TV Channel 10	St. Petersburg
WUFT/TV Channel 5	Gainesville
WCJB/TV Channel 20	Gainesville
WFLA/TV Channel 8	St. Petersburg
WTVT/TV Channel 13	St. Petersburg
WFTS/TV Channel 28	Tampa
WTOG/TV Channel 44	Tampa

RADIO STATION	FREQUENCY	AM/FM	LOCATION
WXCW	95.3	FM	CRYSTAL RIVER
WXOF	96.3	FM	CRYSTAL RIVER
WSKY	97.3	FM	GAINESVILLE
WKTK	98.5	FM	CRYSTAL RIVER
WTRS	102.3	FM	OCALA
WRGO	102.7	FM	INGLIS/YANKEETOWN
WRUF	103.7	FM	GAINESVILLE
WRZN	720	AM	HERNANDO

As a backup, and for notification of isolated areas, sheriff's office/police and fire vehicles and aircraft equipped with public address systems will advise residents of the protective actions they should take based on the severity of the accident, in accordance with established county procedures.

Boaters in the waters within the 10-mile Emergency Planning Zone will be notified of the emergency by loud speakers from boats and aircraft operated by the Levy, Citrus and Marion County Sheriff's Offices, State Emergency Support Function 16 assets, U.S. Coast Guard, volunteer Fire Departments and the Citrus County Aquatic Services.

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 following a decision by the Chairpersons of the Levy, Citrus and Marion County Board of County Commissioners or their designees, to implement Protective Action Recommendations. 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 shall be completed within 45 minutes.

Pre-scripted Emergency Alert System messages for Levy, Citrus and Marion counties are maintained in the county's respective Standard Operating Procedures.

VII. Emergency Communications

A. Levy County

Twenty-four hour communications in Levy County are provided through the Sheriff's Office via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Upon activation of the Levy County Emergency Operations Center, all emergency communications systems will be placed in service and tested.

Command and control of county emergency operations and emergency personnel will emanate from the county Emergency Operations Center. The county Emergency Operations Center in conjunction with the Sheriff's Dispatch Center will provide a focus for all county communications for emergency operations.

Direct communications between the Levy County Emergency Operations Center and the following organizations will be maintained:

The State Division of Emergency Management regarding the local situation and requests for state and federal support and resources.

The Department of Health (including the Mobile Emergency Radiological Laboratory) regarding accident assessment and protective actions.

The Levy Nuclear Plant via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Communications with Citrus and Marion counties will be maintained via the Hot Ring Down telephone system, commercial telephones, or Emergency Satellite Communication System.

Communications with local emergency response agencies will be maintained by agency radio systems and commercial telephone.

Communications to medical facilities and ambulance services are available through the Emergency Medical Service Radio System operated by the Sheriff's Office.

Communications with Federal emergency response agencies will be coordinated through the State Division of Emergency Management.

B. Citrus County

Citrus County maintains 24-hour communications through the County's Communications Center on the Hot Ring Down telephone system, commercial telephones and Emergency Satellite Communication System.

Upon activation of the Citrus County Emergency Operations Center, all emergency communications systems will be placed in service and tested.

The county Emergency Operations Center will provide a focus of all county communications for emergency operations. Command and control of county communications facilities and personnel will emanate from the Emergency Operations Center.

Telephone contact between designated representatives and their organizations include the news media, Citrus County School Board and other county response organizations as appropriate.

In addition, direct communications between the Citrus County Emergency Operations Center and the following organizations will be maintained:

State Division of Emergency Management regarding the local situation and requests for state and federal support and resources.

The Department of Health (including the Mobile Emergency Radiological Laboratory) regarding accident assessment and protective actions.

The Levy Nuclear Plant via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Communications with Levy and Marion counties will be maintained via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Communications are available to medical facilities and ambulance services through the consolidated communications section.

Communications with federal emergency response agencies will be coordinated through the State Division of Emergency Management.

C. Marion County

Twenty-four hour communications in Marion County are provided through the Sheriff's Office via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Upon activation of the Marion County Emergency Operations Center, all emergency communications systems will be placed in service and tested.

Command and control of county emergency operations and emergency personnel will emanate from the county Emergency Operations Center. The county Emergency Operations Center in conjunction with the Sheriff's Dispatch Center will provide a focus for all county communications for emergency operations.

Direct communications between the Marion County Emergency Operations Center and the following organizations will be maintained:

The State Division of Emergency Management regarding the local situation and requests for state and federal support and resources.

The Department of Health (including the Mobile Emergency Radiological Laboratory) regarding accident assessment and protective actions.

The Levy Nuclear Plant via the Hot Ring Down telephone system, commercial telephones, and Emergency Satellite Communication System.

Communications with Levy and Citrus counties will be maintained via the Hot Ring Down telephone system, commercial telephones, or Emergency Satellite Communication System.

Communications with local emergency response agencies will be maintained by agency radio systems and commercial telephone.

Communications to medical facilities and ambulance services are available through the Emergency Medical Service Radio System operated by the Sheriff's Office.

Communications with Federal emergency response agencies will be coordinated through the State Division of Emergency Management.

D. Test Schedule for Emergency Communications Equipment

Levy, Citrus and Marion county testing of communications networks and equipment will be in accordance with procedures outlined in **Chapter 6** (Emergency Communications) of the State Annex and established county procedures.

VIII. Public Information

A. Public Education

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

Progress Energy, Levy, Citrus, and Marion counties 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 handicapped.

The information will be distributed to the permanent population within the 10-mile Emergency Planning Zone. Updated information will be provided at least annually.

Information documents will be distributed by Progress Energy to managers of transient lodging facilities within the 10-mile Emergency Planning Zone for use by transients. Appropriate public notices will be posted at 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 emergency alert signal (refer to **Chapter 7** of the State Annex).

B. Media Education

Progress Energy, Levy County, Citrus County, Marion County, and the Division of Emergency Management will conduct coordinated programs annually to acquaint the news media with the radiological emergency plans and procedures for the Levy Nuclear Plant. Information on radiation and the points of release of public information during an emergency will be presented.

C. Emergency News Releases

Dissemination of information to the public and the news media will be coordinated by the public information officers from the licensee, State Division of Emergency Management and the Levy, Citrus and Marion County Boards of County Commissioners. These individuals will obtain information about their respective emergency response activities and disseminate it to the media. A common center for news releases in the Levy Nuclear Plant area is the Emergency News Center located adjacent to the Emergency Operations Facility of Progress Energy (refer to **Chapter 7** of the State Annex).

D. Rumor Control

The Levy, Citrus, and Marion county Citizen's Information Centers will be activated to answer public inquiries during an emergency. The Citizen's Information Centers will be located in the respective county Emergency Operations Centers, and will be operated on a 24-hour basis until the emergency has ended. Telephone numbers to call will be provided in media releases disseminated during the emergency.

Upon activation of the county Citizen's Information Centers and the Florida Emergency Information Line for Rumor Control, a schedule will be established for the exchange and coordination of information in accordance with established procedures.

IX. Emergency Facilities and Equipment

A. Levy County Emergency Operations Center

The Emergency Operations Center for Levy County is located at 9010 NE 79th Ave, Bronson. The alternate Emergency Operations Center will be the County Sheriff's Office in Bronson. The location of the Emergency Operations Center is shown in **Figure VI-9**.

Staffing of the Emergency Operations Center will include, but not be limited to, representatives from the following agencies:

1. Levy County Board of County Commissioners
2. Levy County Department of Emergency Management

3. Levy County Sheriff's Department
4. Levy County Emergency Medical Services
5. Levy County School Board
6. Levy County Health Department
7. Levy County Road Department
8. Progress Energy, if requested
9. The Department of Health (State Emergency Support Function 8)
10. Other organizations, as needed

The Levy County Emergency Operations Center will be activated by the Emergency Operations Director, or designee, upon receipt of a Site Area Emergency notification. The Emergency Operations Center may be activated at the Alert emergency class upon the direction of the Chairperson, Levy County Board of County Commissioners, if the situation warrants. Activation of the Emergency Operations Center will involve immediate staffing of designated personnel and notification of emergency response personnel who will be placed on standby status, in accordance with established county procedures. Emergency equipment and supplies are listed in **Figure VI-10**.

B. Citrus County Emergency Operations Center

The Emergency Operations Center for Citrus County is located at 3425 West Southern Street, Lecanto. The alternate Emergency Operations Center for Citrus County will be the Lecanto Government complex located in Lecanto. The location of the EOC is shown in **Figure VI-9**.

Upon notification of an Alert, Site Area, or General Emergency, staffing of the Emergency Operations Center in accordance with established county procedures may include, but not be limited to, representatives from the following agencies:

1. Citrus County Sheriff's Office Assistant Director of Emergency Operations
2. Citrus County Board of County Commissioners
3. Citrus County Department of Public Works
4. Citrus County Department of Technical Services
5. Citrus County School Board
6. Citrus County Fire Protection and Taxing District Commission
7. Citrus County Division of Health
8. Citrus County Department of Community Services
9. American Red Cross, Citrus County Chapter
10. Progress Energy
11. Emergency Medical Services
12. Citrus County Public Information Officers
13. Citrus County Extension Services
14. The Department of Health (State Emergency Support Function 8)
15. City of Crystal River
16. Other organizations, as needed

The Citrus County Emergency Operations Center will be activated by the Emergency Operations Director, or designee, upon receipt of a Site Area Emergency notification. The Emergency Operations Center may be activated at the Alert emergency class upon the direction of the

Chairperson of the Board of County Commissioners or the Emergency Operations Director, if the situation warrants. Activation of the Emergency Operations Center will involve immediate staffing of designated personnel and notification of emergency response personnel who will be placed on standby status, in accordance with established county procedures. Emergency equipment and supplies are listed in **Figure VI-11**.

C. Marion County Emergency Operations Center

The Emergency Operations Center for Marion County is located in the County Sheriff's Office, 692 NW 30th Avenue, Ocala. The alternate Emergency Operations Center for Marion County will be the Ocala Police Department in Ocala. The location of the Emergency Operations Center is shown in **Figure VI-9**.

Staffing of the Emergency Operations Center will include, but not be limited to, representatives from the following agencies:

1. Marion County Board of County Commissioners
2. Marion County Department of Emergency Management
3. Marion County Sheriff's Department
4. Marion County Emergency Medical Services
5. Marion County School Board
6. Marion County Health Department
7. Marion County Road Department
8. Progress Energy, if requested
9. The Department of Health (State Emergency Support Function 8)
10. Other organizations, as needed

The Marion County Emergency Operations Center will be activated by the Emergency Operations Director, or designee, upon receipt of a Site Area Emergency notification. The Emergency Operations Center may be activated at the Alert emergency class upon the direction of the Chairperson, Marion County Board of County Commissioners, if the situation warrants. Activation of the Emergency Operations Center will involve immediate staffing of designated personnel and notification of emergency response personnel who will be placed on standby status, in accordance with established county procedures. Emergency equipment and supplies are listed in **Figure VI-12**.

D. Licensee Emergency Operations Facility

Progress Energy's Emergency Operations Facility is located on West Venable Street in Crystal River, Florida, adjacent to the Crystal River airport. The Emergency Operations Facility is also used for emergency response to support the Crystal River 3 Nuclear Plant. The location of the Emergency Operations Facility is shown in **Figure VI-9**.

The licensee will activate the Emergency Operations Facility upon declaration of a Site Area Emergency or General Emergency, or as emergency conditions warrant. Representatives from the State, Levy, Citrus, and Marion counties will be dispatched to the Progress Energy Emergency Operations Facility.

E. Emergency News Center

An Emergency News Center with accommodations for media representatives will be located adjacent to the licensee's Emergency Operations Facility. The Emergency News Center is also used for emergency response to support the Crystal River 3 Nuclear Plant. Public Information Officers from the licensee, State, Levy County, Citrus County and Marion County will report to the Emergency News Center upon notification of a Site Area Emergency or General Emergency, or for an Alert, if conditions warrant. The location of the Emergency News Center is shown in **Figure VI-9**.

The Emergency News Center is the primary location for releasing information to the news media. At this location, public information staff (including technical experts) from the utility, state and counties will provide news releases. Official spokespersons from each organization will conduct periodic press conferences as conditions warrant (refer to **Chapter 7** of the State Annex).

F. Evacuation Shelters

1. Levy County

Locations of facilities in Levy County which could be used to provide temporary shelters for evacuees from the 10-mile Emergency Planning Zone are shown in **Figure VI-13**.

2. Citrus County

Locations of facilities in Levy County, which could be used to provide temporary shelters for evacuees from the 10-mile Emergency Planning Zone, are shown in **Figure VI-14**.

3. Marion County

Locations of facilities in Marion County, which could be used to provide temporary shelters for evacuees from the 10-mile Emergency Planning Zone, are shown in **Figure VI-15**.

G. Radiological Facilities

1. Levy County

A radiological monitoring and wash down station will be established to inspect and decontaminate emergency vehicles leaving the evacuation area. Levy County has two Vehicle Wash Down Station apparatus that can be erected at any two locations determined to be appropriate by the Emergency Management Director or designee (see **Figure VI-13**). The Wash Down locations will be determined during a declared Site Area Emergency and will depend upon information coming from

Progress Energy, Florida Department of Health, traffic conditions, weather conditions and resources available.

Each station will be staffed by the Volunteer Fire Department, and is equipped with a fire pumper truck to assist in decontamination. Staff for the monitoring and wash down stations have been sufficiently trained and will receive periodic refresher training.

Currently, Levy County has CD V-777-1 radiological emergency response kits located in the Emergency Operations Center. Levy County will inventory and inspect radiological monitoring equipment after each exercise and at least quarterly to assure that they are operational. Local operability checks will be performed on all monitoring equipment at least once each calendar quarter and after each use.

Defective radiological monitoring instruments will be exchanged by the State Department of Health's Radiological Instruments Maintenance and Calibration Facility in Orlando.

2. **Citrus County**

Radiological monitoring and wash down stations will be established to inspect and decontaminate emergency vehicles leaving an evacuation area (see **Figure VI-16**). Each station will be staffed by the Volunteer Fire Department Hazardous Materials Response Team and is equipped with a fire pumper truck to assist in decontamination. Staff for the monitoring and wash down stations have been sufficiently trained and will receive periodic refresher training.

Currently, Citrus County has CD V-777 radiological emergency response kits located in the Emergency Operations Center. Citrus County will inventory and inspect radiological monitoring equipment after each exercise and at least quarterly to assure that they are operational. Local operability checks will be performed on all monitoring equipment at least once each calendar quarter and after each use.

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.

3. **Marion County**

Radiological monitoring and wash down stations will be established to inspect and decontaminate emergency vehicles leaving an evacuation area (see **Figure VI-17**). The station will be staffed by the Volunteer Fire Department, and will be equipped with a fire pumper truck to assist in decontamination. Staff for the

monitoring and wash down station will be sufficiently trained and will receive periodic refresher training.

Currently, Marion County has a radiological emergency response kits located in the EOC. Marion County will inventory and inspect radiological monitoring equipment after each exercise and at least quarterly to assure that they are operational. Local operability checks will be performed on all monitoring equipment at least once each calendar quarter and after each use.

Defective radiological monitoring instruments will be exchanged by the State Department of Health's Radiological Instruments Maintenance and Calibration Facility in Orlando.

H. **Local Resources to Support the Federal Emergency Response**

Federal emergency response agencies dispatched to the Levy Nuclear Plant emergency area will locate in close proximity. 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 the Federal response agencies in establishing nursed operations. Specific arrival times will vary dependent on organization such as DOE RAP, FRMAC, etc. However, requested organizations are projected to arrive within 6-hours or less after notification to respond.

X. **Accident Assessment**

Levy, Citrus and Marion counties do not have the necessary monitoring equipment or trained radiological health personnel to assess the effects of a radiological emergency at the Levy Nuclear Plant.

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

Progress Energy has agreed to provide offsite monitoring and advise the risk counties of initial accident assessment until the Department of Health's State Emergency Response Team personnel arrive and are operational at their assigned locations in the field and at the licensee's Emergency Operations Facility. Levy, Citrus, and Marion Counties will utilize their limited monitoring resources in accordance with established procedures to support monitoring activities on an interim basis.

Should it become necessary to dispatch the Department of Health's survey teams to the affected off-site area, the Mobile Emergency Radiological Laboratory will be dispatched to its berthing site in the Levy Nuclear Plant area, in accordance with the Department of Health's established procedures. When the Department of Health's Bureau of Radiation Control field monitoring teams are deployed and the Mobile Emergency Radiological Laboratory is in its assigned location, the Mobile Emergency Radiological Laboratory will be the primary point for analysis and receipt of all off-site field monitoring data and sample media for accident assessment.

When the survey teams are deployed and the Mobile Emergency Response Laboratory is in its assigned location, accident assessment will be made based on field monitoring results, the current meteorological conditions, plant condition, plant prognosis, and any utility released information. Data collected in the field will be transmitted to the Emergency Operations Facility to be evaluated by the Operations Officer, Department of Health. These evaluations will be provided to the State Coordinating Officer or designee at the Emergency Operations Facility for use in decision-making, and as a basis for recommendations for protective actions. Summaries and recommended protective actions will be forwarded to the State EOC and respective counties.

Monitoring of the affected area(s) and recommendations of protective actions will continue until radiation levels have decreased to the point that recovery and reentry actions are considered safe.

Levy, Citrus, and Marion counties will provide monitoring teams for monitoring and emergency wash down stations, reception centers and shelters in their counties.

XI. Radiological Exposure Control

Emergency workers will be issued direct-read and permanent record dosimeter badges prior to entering any area suspected of radioactive contamination, and given instructions on assembly, wear position and record keeping, in accordance with procedures outlined in **Chapter 11** (Protective Response) of the State Annex and with established county procedures. Personnel performing emergency service functions inside the radiation hazard area will read direct-read dosimeters at 30-minute intervals and report accumulated exposure to their supervisor every six hours and when readings reach 100mR and 500mR (refer to **Chapter 10** of the State Annex). The supervisor will be responsible for maintaining dose records that will be reported to the Levy County, Citrus County, or Marion County Emergency Operations Center at least every 6 hours. It will be the joint responsibility of the emergency worker and his supervisor to assess the projected dose and interpret or extrapolate the individual's potential or projected exposure.

The Department of Health Bureau of Radiation Control exposure limit is 500mR per day and 5000mR 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 actions. The worker's supervisor will report the exposure to the Radiological Emergency Planning Coordinator/Radiation Officer, who will then report the worker's name and reading to the Radiological Safety Officer and Department of Health personnel.

Should it become necessary to expose emergency workers to radiation doses in excess of Environmental Protection Agency Protective Action Guides, the Chairperson, Levy, Citrus, or Marion County Board of County Commissioners, will make the decision after consultation with the Department of Health, Operations Director and County Health Department. Should the Chairperson be absent, the next Commissioner in line will make the decision.

The use of KI has been pre-approved by the State Health Officer for state and county radiation workers. Based on actual releases of radioactive iodine, the DOH Operations Officer will direct KI be taken by state radiation workers and will

notify the counties of the decision. The decision to administer potassium iodide (KI) to county emergency workers will then be made by the Chairman of the Board of County Commissioners or his 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 radiation workers take KI before consultation with the DOH Operations Officer. The County Health Officer will be available for consultation. KI 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 >5 Rem. The County Health Officer is responsible for proper storage, periodic inspection and distribution of KI in accordance with established county procedures and State of Florida Department of Health Standard Operating Procedure 7.

Personnel who are injured in the area of a radiological emergency will be treated as possible contamination victims until positive determination of contamination 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 medical equipment until the injured person can be transported to Seven Rivers Regional Medical Center or Citrus Memorial Health Systems for treatment of the contaminated injury. Possible or actual radiological contamination should not delay treatment of severely injured victims.

At the termination of the emergency, radiation exposure records will be prepared for each emergency worker who worked inside the radiation hazard area in accordance with **Chapter 10** (Radiological Exposure Control) of the State Annex. These records will be forwarded through the Levy County Emergency Management Director, Citrus County Emergency Operations Director, or the Marion County Emergency Management Director to the State Division of Emergency Management Radiological Safety Officer 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 State Division of Emergency Management Radiological Safety Officer. Currently the Florida Department of Health is the contractor who is responsible for supplying and reading the Dosimeter Badges. The contractor shall also provide quality assurance and verification of Dosimeter Badge readings. A printout of Dosimeter Badge readings will be provided to Levy, Citrus and Marion County Emergency Management agencies and the Department of Community Affairs, Division of Emergency Management in Tallahassee, Florida.

Dosimeter Badges will be stored at the County Emergency Operations Centers. Procedures have been established for routine exchange and servicing of the Dosimeter Badges by the contractor during non-emergency periods.

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 Zone's 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 DOH personnel will use the Environmental Protection Agency's Protective Action Guide Manual 400-R-92-001 as guide for recommending protective actions based on their analysis. The Department of Health Operations Officer will provide these recommendations to the Governors Authorized Representative. The decision to implement protective action recommendations will be made jointly by the Chairpersons, Boards of County Commissioners, and the Governor or the State Coordinating Officer or designee. If time does not permit state involvement in initial decision making, the decision to take protective actions may be made by the Chairpersons, Boards of County Commissioners, or their designated alternates. County Emergency Management/Operations Directors will implement protective actions.

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 Protective Action Guidelines identified in **Chapter 10** (Radiological Exposure Control) of the State Annex.

B. Potassium Iodide

Potassium iodide can be given to emergency workers in doses to saturate the human 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 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 Department of Health, Standard Operating Procedures and **Chapter 10** (Radiological Exposure Control) and **Chapter 11** (Protective Response) of the State Annex.

Potassium iodide will be issued to members of the general public, in accordance with the Department of Health, Standard Operating Procedures and **Chapter 10** (Radiological Exposure Control) and **Chapter 11** (Protective Response) of the State Annex. To provide for issuance of potassium iodide to members of the public, doses have been procured. These doses 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 Department of Health's Bureau of Radiation Control Operations Officer or designee.

C. Control of Entrance into Affected Areas

No re-entry will be authorized without concurrence of the State Coordinating Officer or designee and the Chairperson of the Levy, Citrus, and Marion County Commissions or their designees. This decision will be based upon the advice of the Department of Health and the County Health Department. Cleared areas will be opened only when clearly

definable boundaries are available. County 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 Chairperson of the Board of County Commissioners through the Levy County Director of Emergency Management, Citrus County Sheriff's Office Director of Emergency Operations, or his designee, and Marion County Director of Emergency Management. This decision will be made based upon the recommendation of the Department of Health, and/or the County Health Department, and/or Progress Energy (prior to activation of the Emergency Operations Facility). The notification to take shelter indoors will be issued by radio broadcast, emergency personnel using loudspeakers, and through the sounding of the siren alert. Protective actions for special needs facilities will be given separate consideration.

E. Evacuation

Evacuation of any endangered area within the 10-mile Emergency Planning Zone will be directed by the Chairperson, Board of County Commissioners of the Risk County in which the danger occurs. If the area has been declared a disaster area under provisions of Chapter 252, Florida Statutes, the Governor or the State Coordinating Officer or designee will direct the evacuation jointly with the Chairpersons of the Board of County Commissioners of the risk counties based on consultation with the Department of Health.

If the order to evacuate is given, evacuation may be required for all or part of the 10-mile Emergency Planning Zone designated by sector and utilizing geographic boundaries. Citizens residing in a sector/zone which is ordered to evacuate will be instructed to proceed according to the evacuation plan for that zone. The population distribution by sector/zone within the 10-mile emergency planning zone is shown in **Figure VI-18**.

Law enforcement officers from Levy County, assisted by Citrus County and Marion County law enforcement officers and State Emergency Support Function 16 (Law Enforcement) will establish traffic control points along evacuation routes to expedite the flow of traffic during the evacuation process. Barricades will be utilized at those points not manned by law enforcement personnel. Entrances to the affected area will be blocked to all traffic except for school buses, ambulances, fire-rescue vehicles or other emergency vehicles being used in the evacuation.

F. Evacuation Areas and Route Descriptions

The Levy Nuclear Plant 10-mile Emergency Planning Zone has been sectioned off by geographical boundaries. These boundaries are represented by the term "zone." The following table and information describe 17 sets of protective actions that would or could be implemented within the 10-mile EPZ during a radiological incident at the Levy Nuclear Plant.

Protective Action Zone Information

PAR	CITRUS		LEVY		MARION	
	Evacuate	Shelter	Evacuate	Shelter	Evacuate	Shelter
1	None	None	L5, L6	None	None	None
2	None	C1, C3, C4	L5, L6	L7, L8	None	M9
3	C1, C3, C4	None	L5, L6, L7, L8	None	M9	None
4	C1, C3, C4	None	L5, L6	None	M9	None
5	C1, C3, C4	None	L5, L6, L7, L8	None	None	None
6	None	None	L5, L6, L7, L8	None	M9	None
7	None	None	L5, L6	None	M9	None
8	C1, C3, C4	None	L5, L6	L7, L8	M9	None
9	C1, C3, C4	None	L5, L6, L7, L8	None	None	M9
10	None	C1, C3, C4	L5, L6, L7, L8	None	M9	None
11	C1, C3, C4	None	L5, L6	L7, L8	M9	None
12	None	C1, C3, C4	L5, L6, L7, L8	None	None	M9
13	C1, C3, C4	None	L5, L6	L7, L8	None	M9
14	C1, C3, C4	None	L5, L6	None	None	None
15	None	C1, C3, C4	L5, L6	L7, L8	None	None
16	None	C1, C3, C4	L5, L6	None	None	M9
17	None	None	L5, L6	L7, L8	None	M9

Refer to the following Zone Descriptions and their associated Evacuation Routes when using the above Table.

Levy County

Zone L5

Out approximately 5 miles south and 10 miles west of the Progress Energy Levy Site Complex as described by the following:

Southern Boundary - Withlacoochee River and Lake Rousseau;

Western Boundary - Gulf of Mexico

Eastern Boundary - approximately 4 miles to the southeast including the areas of Peaceful Acres, Pleasant Acres, Rest Haven Shores and Little Lake Acres along Rt. 40;

Northern Boundary - north on US 19 in the Goethe Rd area, even with the northern boundary of the Progress Energy Complex all the way west to the Gulf of Mexico.

This Zone includes the following cities, neighborhoods, or areas:

- Inglis
- Yankeetown
- Peaceful Acres
- Pleasant Acres
- Rest Haven Shores
- Graceland Shores
- Backwater Farmsites
- Withlacoochee River Park Estates
- Riverland Estates
- Kennedy Estates
- Palm Point
- Sherwood Forest
- River Forest
- Crackertown
- Fox Ridge
- Little Lake Acres
- Cason Inglis Acres

- Riverside
- Waccasassa Bay State Preserve
- Progress Energy Levy Site Complex
- Gulf Hammock Area (Butler Road)

Evacuees should proceed south on US 19 and turn east on Rt 44 toward Lecanto or travel on Rt. 40 east and turn north on Rt. 336 north to Bronson.

Zone L6

Out approximately 5 miles to the northwest, north, northeast, and east of the Progress Energy Levy Site Complex as described by the following:

Northern Boundary - 5 miles north to approximately one mile south of the US 19 and Rt. 121 intersection at Lebanon Station;

Northeast Boundary - approximately 6 miles to (but not including) Rainbow Lakes Estates;

Eastern Boundary - the Marion County Border;

Southeastern Boundary - Lake Rousseau.

This Zone includes the following cities, neighborhoods, or areas:

- Caruth Camp
- Woodpecker Ridge
- Bluebird Hill
- Southern Half of Gothe State Forest

Evacuees should proceed north on US 19 and turn east on Rt 121 then turn north on Rt. 337 to Bronson or travel south on Rt. 336 and turn east on Rt. 40 and turn north on Rt. 41 Williston.

Zone L7

Out approximately 5 -10 miles northwest from the Progress Energy Levy Site Complex as described by the following:

East/northeast Boundary – US Rt 19

Southeast Boundary – 5 miles form the Progress Energy Levy Site Complex in the area of Butler and Big Springs Road

South Boundary – area of Patterson Road and Bottle Springs Road

West Boundary – Gulf of Mexico

Northwest Boundary – area of Gibson Road and Chamber Field Road

This Zone includes the following cities, neighborhoods, or areas:

- Areas east of Lebanon Station and US 19 to the Gulf of Mexico

Evacuees should proceed north on US 19 to Chiefland or turn east on Rt. 121 and north on Rt. 337 to Bronson.

Zone L8

Out approximately 5 – 10 miles north of the Progress Energy Levy Site Complex as described by the following:

Northern Boundary – 10 miles north of the Progress Energy Levy site Complex. Approximately 0/5miles north of the Rt. 121 and Rt. 337 intersection. No other specific northern geographical boundaries exist in this sparsely populated area.

Western Boundary – US Rt. 19

Eastern Boundary – The western boundary of Rainbow Lakes Estates

Southern Boundary – area of Gothe Rd.

This Zone includes the following cities, neighborhoods, or areas:

- Areas east of Lebanon Station to the western border of Rainbow Lakes Estates

Evacuees should proceed northeast on Rt. 121 to Williston or turn north on Rt. 337 to Bronson.

Citrus County

Zone C1

Out to approximately 10 miles southeast of the Progress Energy Levy Site Complex as described by the following:

Northern Boundary – Withlacoochee River

Eastern Boundary – the eastern border of Crystal Manor, the eastern border of Crystal River Manor, and US Rt. 19 up to (but not including) Crystal River City Limits

Southern Boundary – 0.5 miles north of the Crystal River City Limits

Western Boundary – Gulf of Mexico

This Zone includes the following cities, neighborhoods, or areas:

- Cedar Lakes Estates
- Country Oaks
- Crystal River Oaks
- Hollinswood Ranch
- Crystal River Archeological Site
- Crystal River Manor
- Ft. Island Gulf Beach
- Crystal Manor
- Indian Waters
- River Road Area (south of Inglis Yankeetown)

Evacuees should proceed south on US 19 and turn east on Rt. 490 to Lecanto or proceed east on Rt. 44 and turn north on Rt. 491 to Lecanto or proceed east on Rt. 488 and turn north on Rt. 41 to Dunnellon or south on Rt. 41 to Inverness.

Zone C3

South approximately 5-10 miles from the Progress Energy Levy Site Complex as described by the following:

Northern Boundary - Lake Rousseau;

Western Boundary – Eastern border of Crystal Manor, the eastern border of Crystal River Manor, and US 19;

Southern Boundary – 0.5 miles north of the Crystal River City Limits and west to include the following neighborhoods: Greenwood Acres, Green Acres, and Suburban Estates;

Eastern Boundary – the western border of the following neighborhoods: Riverbend, Citrus Ranches, Rainbow Estates, Lakeview.

This Zone includes the following cities, neighborhoods, or areas:

- Greenwood Acres
- Rainbow Estates
- Foxcroft
- Green Acres
- Suburban Estates
- Spring Run
- Springhorn
- Shamrock Acres/Emerald Acres
- Lakeview
- Highland Heights
- Pine Tree Estates
- Castaway Acres
- Pine Run
- The Pines
- Seven Rivers Estates
- Seven Rivers Farms
- Sunshine Golf Estates
- River Heights
- Sunny Acres
- Rainbow Oaks
- Riverwood Shores
- Seven Rivers Heights
- Citrus Ranches
- Riverbend
- Holiday Heights

Evacuees should proceed east on Rt. 488 and turn either north on Rt. 41 to Dunnellon or south on Rt. 41 to Inverness. OR proceed east on Dunklin Ave through Citrus Springs and turn either north on Rt. 41 to Dunnellon or south on Rt. 41 to Inverness OR proceed south on Rt. 495 to Crystal River and turn south on US 19 and turn east on Rt. 44 toward Lecanto.

Zone C4

Southeast approximately 5 -10 miles from the Progress Energy Levy Site Complex as described by the following:

Northern Boundary - Lake Rousseau;
Eastern Boundary - Elkcam Blvd in Citrus Springs and the northwestern border of Citrus Springs (south of Rush lake);
Southern Boundary – the northern boundary of Pine Ridge;
Eastern Boundary - the western border of the following neighborhoods: Hillcrest Acres, Badger Acres, and Crystal Pointe north to Lake Rousseau

This Zone includes the following cities, neighborhoods, or areas:

- Areas in Citrus Springs west of Elkcam Blvd.
- Glendale Acres
- Flora Dale Acres
- Circle M Ranchettes
- Angus Hills Estates
- Potterfield’s Withlacoochee Heights
- Shady Hills Acres
- Smitty’s Acres
- Great Riverside Estates
- Orange Grove Estates
- Riverview
- Pine Oak Estates
- Backwater Heights

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Evacuees should proceed east on Dunklin Rd through Citrus Springs and turn south on Rt. 41 to Inverness or proceed west on Rt. 488 and turn south on Rt. 41 to Inverness.

Marion County

Zone M9

Out approximately 5 – 10 miles east/northeast of the Progress Energy Levy Site Complex as described by the following:

- Northwestern, Northern, and eastern boundaries – The area of Rainbow Lakes Estates US Rt. 41
- Southeastern Boundary – US Rt. 41 to include all areas of Dunnellon City Limits west of US Rt. 41
- Western Boundary – Marion/Levy County line
- Southern Boundary – Lake Rousseau

This Zone includes the following cities, neighborhoods, or areas:

- Rainbow Lakes Estates
- Rainbow's End
- The area of Rainbow Springs west of Rt. 41
- The area of Dunnellon City Limits west of Rt. 41

Evacuees should proceed north on Rt. 41 to Williston.

G. Evacuation for Special Needs

1. Mobility Impaired Residents

Mobility impaired residents who require special evacuation assistance will be registered with the Levy, Citrus, and Marion County Departments of Emergency Management. If evacuation is necessary, these residents will be notified and transported by Citrus County Transportation Services or County school buses and ambulances if needed to the Lecanto High School in Citrus County, Bronson High School in Levy County, or West Port High School in Marion County. Those requiring hospitalization will be transported to Citrus Memorial Health Systems, Nature Coast Regional Hospital, or Munroe Regional Medical Center in Ocala, Florida. Those who have not registered for special evacuation assistance will be instructed to call the Levy, Citrus, or Marion County Emergency Management Office.

2. Schools

Children in day care centers within the affected Citrus County area will be evacuated in school buses to the First United Methodist Church in Inverness for pickup by their parents. Children in day care centers within the affected Marion County area will be evacuated by school buses to West Port High School. As of the date of this revision, there are no

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daycare centers in Levy County which are within the 10-mile Emergency Planning Zone.

Children in public schools within the affected area will be evacuated by school buses to locations as follows:

- Citrus County: Crystal Springs Elementary School to Citrus Springs Middle School;
- Levy County: Yankeetown School to First United Methodist Church;
- Marion County: Dunnellon Middle School, Dunnellon Christian Academy, and Romeo Elementary School to West Port High School.

Parents will be advised via the broadcast media where to pick up their children. Additional information on evacuation procedures is published and distributed annually through the county school system.

3. **Hospitals**

The Seven Rivers Regional Medical Center will be evacuated by the hospital administrator and Nature Coast Emergency Medical Services with assistance, if needed, from the Department of Community Services. In good weather, with light to medium loads and readily available ambulances, evacuation of the facility would require three hours. With adverse weather conditions, evacuation time would be five hours and forty-five minutes. The patients will be evacuated to Munroe Regional Medical Center in Ocala, Florida (see **Figure VI-24**).

4. **Group Homes**

The Crystal River Manor Assisted Living and Richard Hoffman Adult Family Home have made in-house arrangements for transportation of their residents to sheltering facilities. These group homes and host facilities can be found in **Figure VI-24**.

5. **Incarceration Facilities**

If required, inmates of facilities within the 10-mile Emergency Planning Zone will be transported to facilities outside the Emergency Planning Zone by a combined effort of the Sheriff's Office and the affected police departments. The Forestry Youth Camp located in Levy County (in Inglis) will be evacuated to a facility in Tallahassee, Florida. Presently, Citrus County and Marion County have no incarceration facilities within the 10-mile Emergency Planning Zone.

6. **Offshore Areas**

Boat traffic evacuated from the affected area will remove their boats at boat ramps. Boaters will be monitored for contamination and decontaminated at Pete's Pier in Crystal River, the boat landing below the east side of the Cross Florida Barge Canal bridge. Transportation to

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shelters for those without cars will be provided as necessary by school buses. The Florida Fish and Wildlife Commission has estimated that it will take about six hours to evacuate all boaters from the area in clear weather; adverse conditions would require an additional two hours.

H. Monitoring and Decontamination

Monitoring stations and wash down sites will be set up in predetermined locations to inspect the evacuation traffic for radioactive contamination and to decontaminate vehicles as identified in **Figures VI-13, VI-16, and VI-17**. Emergency traffic control personnel will divert traffic when necessary to ensure the inspection of vehicles in the event that all stations cannot be utilized.

Monitoring will be performed by trained personnel utilizing CD V-777-1 (or equivalent) emergency response kits in accordance with established county procedures. The limits of contamination that determine the need for decontamination of personnel and vehicles are listed in **Chapter 10, Figure 10-3** (Radiological Exposure Control) of the State Annex.

Uncontaminated passengers in uncontaminated vehicles will be instructed to proceed to designated reception centers and shelters.

1. Vehicle Decontamination

Vehicles determined to be contaminated will be directed from monitoring stations to adjacent wash down facilities and will be decontaminated by trained personnel. Emergency personnel will follow established county procedures to decontaminate exterior vehicle surfaces. Vehicles which cannot be decontaminated to acceptable radiation levels or vehicles that are contaminated on the interior will be impounded under the direction of the County Sheriffs and Health Departments. Transportation to shelters will be provided for the occupants of the contaminated vehicles.

2. Personnel Decontamination

Evacuees inspected at monitoring and washdown stations in Citrus and Marion County who are suspected of being contaminated will be decontaminated at that location. A personnel decontamination station will be set up adjacent to the monitoring and wash down station at the Bronson High School Gymnasium in Levy County. Monitors will thoroughly check the evacuees for radiation levels in excess of the established limits. Contaminated evacuees will shower and exchange contaminated clothing for uncontaminated clothing.

The names, addresses and contamination information of evacuees requiring decontamination will be recorded and submitted to the Levy, Citrus, or Marion County Health Department, which will forward the data to the Radiological Safety Officer and the Florida Department of Health.

3. Waste Disposal

Tools and equipment will be monitored and all contaminated tools, clothing, equipment and other material found to be contaminated will be placed in plastic bags, tagged, and placed in suitable containers for later disposition, under the direction of the County Health Department and the Florida Department of Health.

Water used for tool and vehicle decontamination will be allowed to run into suitable collection ditches, holding ponds, and other secure areas. Areas used for decontamination will be monitored for residual contamination. Any site found to retain contamination will be sealed off under the control of the County Health and law enforcement agencies and decontaminated with the assistance of the Department of Health personnel and other appropriate federal and state agencies.

I. Reception and Care

1. Registration

Registration of evacuees will be conducted at reception centers in Levy County and at all reception centers/shelters in Citrus and Marion Counties. Registration personnel will use shelter registration forms in accordance with established county procedures. Registration data will be tabulated and submitted to the County Emergency Operations Centers and the State Emergency Operations Center.

2. Reception

Reception centers/registration centers will be established to provide food, medical and health care services, and temporary shelter to evacuees. The locations for these centers are shown in **Figures VI-13, VI-14 and VI-15**. Citrus County's main reception center will be the Withlacoochee Vocational Technical Center on Hwy 44 in Inverness. All shelters in Levy and Marion County are reception centers. After a previously agreed upon length of stay at a reception center, evacuees may be relocated to other shelter facilities.

J. Shelter Facilities

Designated shelter facilities in host areas that are at least five miles outside of the 10-mile Emergency Planning Zone are shown in **Figures VI-13, VI-14, and VI-15**. Withlacoochee Vocational Technical Center in Citrus County, Bronson High School in Levy County, and West Port High School in Marion County will be used to shelter persons with special needs.

K. Control of Foodstuffs

A radiological emergency at the Levy Nuclear Plant can adversely affect the safety of 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

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emergency; however, for the purpose of this plan, a geographical area within a circle having a 50-mile radius from the Levy Nuclear Plant will be defined as the Ingestion Pathway Zone. Refer to **Figure VI-26** for pre-selected emergency sampling points.

In the event of a radiological emergency at the Levy Nuclear Plant, Emergency Support Function 8 and its support agencies will continuously monitor the area within the 50-mile Ingestion Pathway Zone. Emergency Support Function 8 and its support agencies will advise the agricultural community of protective actions necessary to reduce the risk of contamination of farm livestock and farm products. Monitoring and laboratory analysis will be performed to determine the degree of contamination to human foods and livestock foods. If necessary, control of the food chain will be initiated and continued until cessation of undesirable conditions.

Emergency Support Function 8 will advise the agricultural community through the affected county's organizations, such as the U.S.D.A., State and County Emergency Boards, of protective and precautionary actions required to reduce the risk of radiological contamination to livestock and farm products.

Emergency Support Function 8 and its support agencies will monitor and conduct laboratory tests of human and animal foods. Recommendations will be made to the State Coordinating Officer or designee and the affected counties for protective actions to be taken and 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 needed until unacceptable conditions have ceased.
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 needed until unacceptable conditions have ceased.
3. Test open sources of potable water and recommend protective action to the State Coordinating Officer or designee so the public can be fully informed.

XIII. Medical and Public Health Support

Citrus Memorial Hospital Systems and Seven Rivers Regional Medical Center are the local hospitals where medical services for radiological injuries can be received. Both Hospitals are equipped and staffed to care for individuals with major radiation contamination.

The Department of Health has obtained agreements with Citrus Memorial Hospital Systems and Seven Rivers Regional Medical Center to ensure proper medical services for persons who are injured or become sick during a radiological emergency in the Levy Nuclear Plant site area. Nature Coast Emergency Medical Services will provide ambulance services.

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The Nature Coast Regional Hospital and Levy County Health Department will provide general health care for evacuees. Medical response personnel will be dispatched to hosting facilities as needed. Refer to **Chapter 12** (Medical and Public Health Support) of the State Annex for additional information.

XIV. Recovery and Reentry

Decisions to relax protective actions and begin recovery operations will be made jointly by the state and county in accordance with procedures outlined in **Chapter 13** (Recovery and Re-entry) of the State Annex. Evacuees will be allowed to reenter the affected area under the direction of the County Emergency Operations/Management Directors, or their designees.

XV. Exercises and Drills

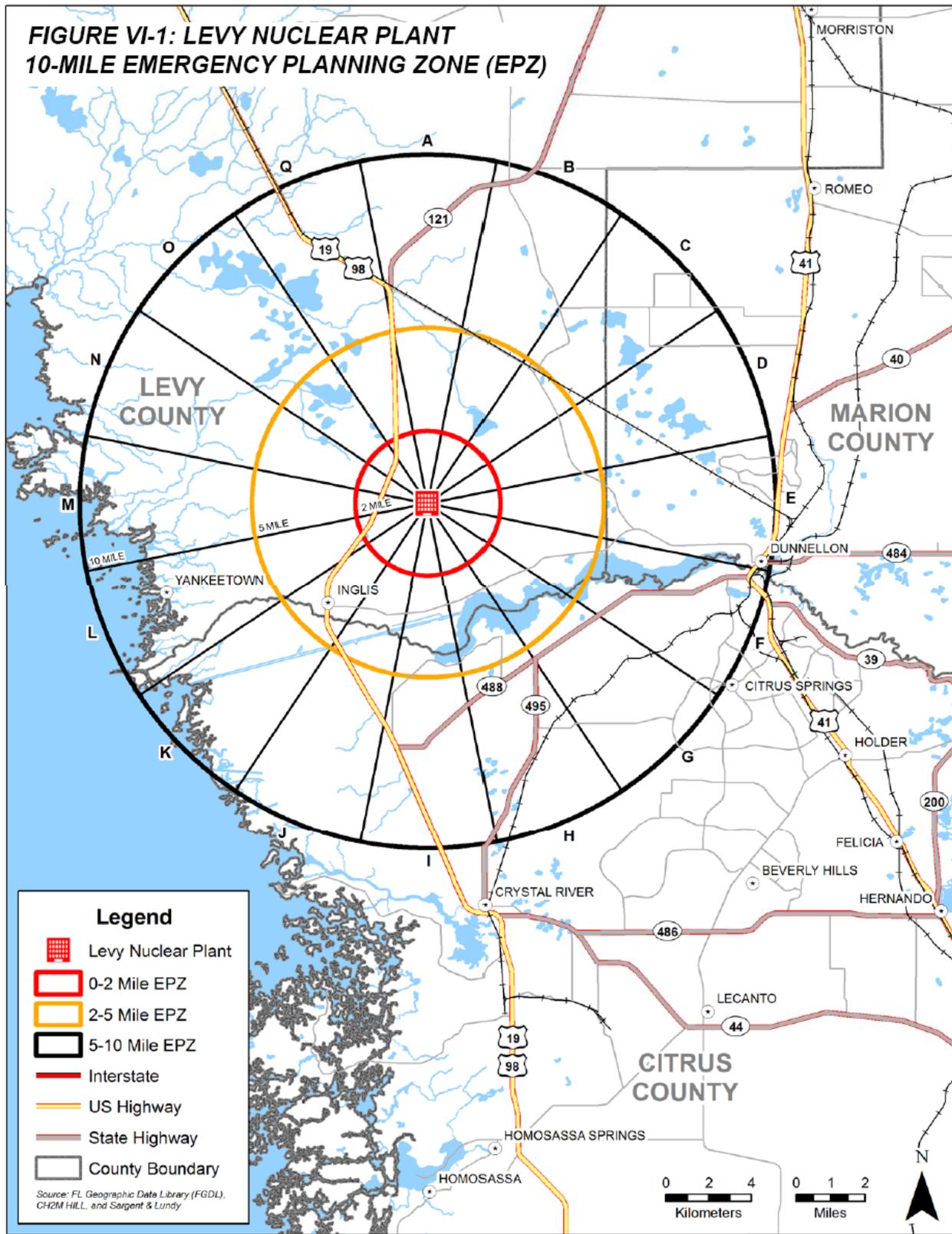
Exercises and drills will be conducted and scheduled in accordance with the guidelines outlined in **Chapter 14** (Exercises and Drills) of the State Annex.

XVI. Radiological Emergency Response Training

The County Emergency Operations/Management Directors, or their designees 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** (Radiological Emergency Response Training) of the State Annex.

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**FIGURE VI-1: LEVY NUCLEAR PLANT
10-MILE EMERGENCY PLANNING ZONE (EPZ)**



**FIGURE VI-2: LEVY NUCLEAR PLANT
50-MILE INGESTION PATHWAY ZONE (IPZ)**

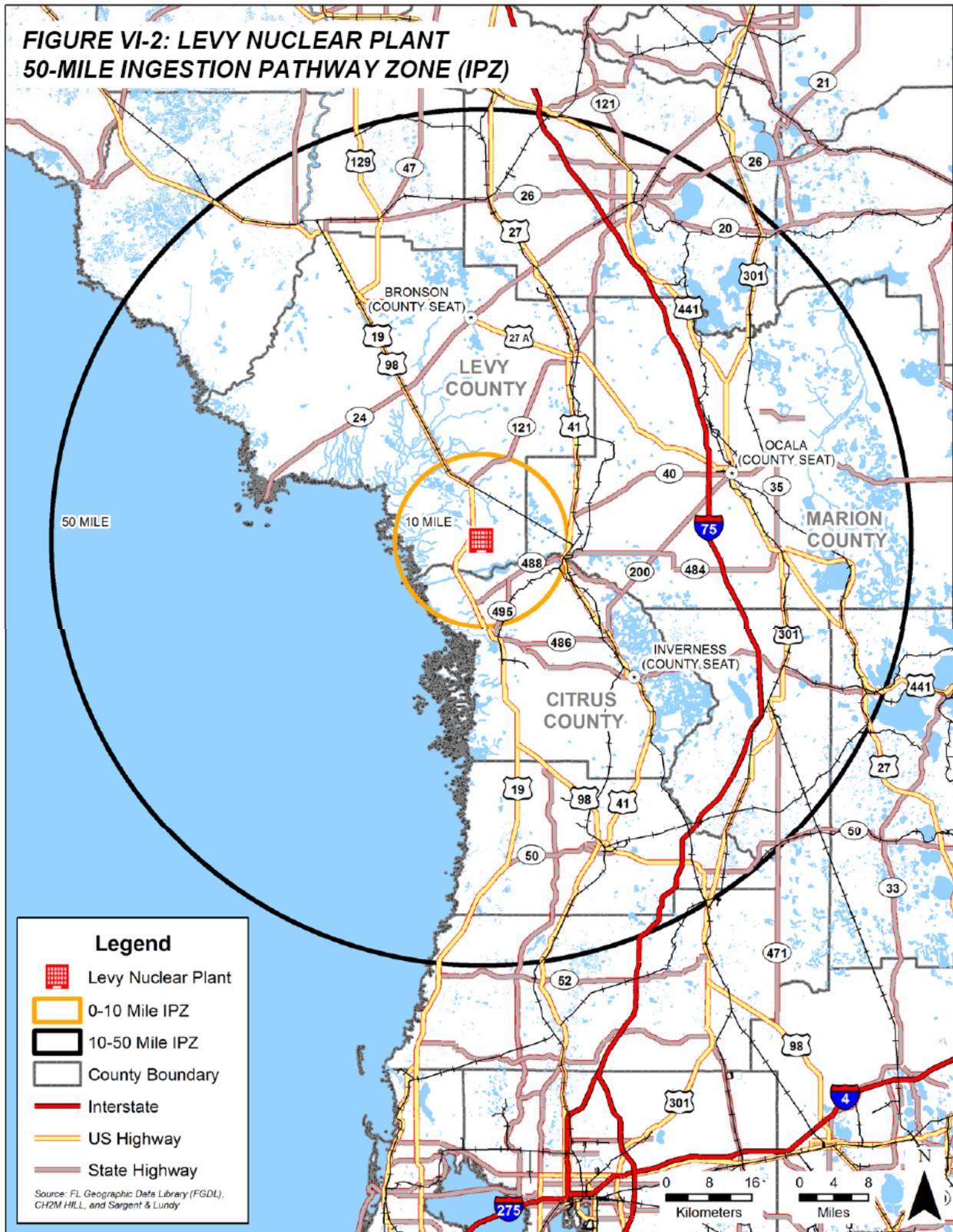


FIGURE VI-3: LEVY COUNTY PRIMARY/SUPPORT RESPONSIBILITIES

Command and Control	<u>Primary:</u> Board of County Commissioners and Department of Emergency Management <u>Support:</u> State of Florida
Emergency Alert and Notification	<u>Primary:</u> Department of Emergency Management <u>Support:</u> State of Florida
Communications	<u>Primary:</u> Department of Emergency Management <u>Support:</u> Sheriff's Office, Municipal Police Department, and Road Department
Accident Assessment	<u>Primary:</u> State of Florida and Licensee <u>Support:</u> Department of Emergency Management
Protective Response	<u>Primary:</u> Board of County Commissioners and Department of Emergency Management <u>Support:</u> City Fire Department, State of Florida, and Licensee
Public Alert and Notification	<u>Primary:</u> Board of County Commissioners <u>Support:</u> Department of Emergency Management, Sheriff's Office, Municipal Police Department, Road Department, City Fire Department
Public Information	<u>Primary:</u> Department of Emergency Management <u>Support:</u> Board of County Commissioners, State of Florida and Licensee
Radiological Exposure Control	<u>Primary:</u> Department of Emergency Management and State of Florida <u>Support:</u> Board of County Commissioners

FIGURE VI-3: (continued)

Decontamination	<u>Primary:</u> Fire Protection <u>Support:</u> Department of Emergency Management
Control of Access to the Evacuated area	<u>Primary:</u> Sheriff's Office <u>Support:</u> Municipal Police Department and State of Florida
Field Monitoring and Sampling	<u>Primary:</u> State of Florida <u>Support:</u> Licensee and Department of Emergency Management
Fire and Rescue	<u>Primary:</u> Fire Protection
Emergency Medical Services	<u>Primary:</u> Department of Human Services <u>Support:</u> Fire Protection Health Department and State of Florida
Law Enforcement	<u>Primary:</u> Sheriff's Office <u>Support:</u> Municipal Police Department and State of Florida
Transportation	<u>Primary:</u> School Board <u>Support:</u> Hospital and Department of Human Services
Food Quality	<u>Primary:</u> State of Florida
Potable Water Quality	<u>Primary:</u> State of Florida
Shelter and Sanitation	<u>Primary:</u> School Board <u>Support:</u> Health Department, Department of Human Services and American Red Cross
Social Services	<u>Primary:</u> Health Department and Department of Human Services <u>Support:</u> State of Florida
Road Passage and Maintenance	<u>Primary:</u> Road Department <u>Support:</u> State of Florida

FIGURE VI-3: (continued)

Security

Primary: Sheriff's Office
Support: Municipal Police
Department, Road Department and
State of Florida

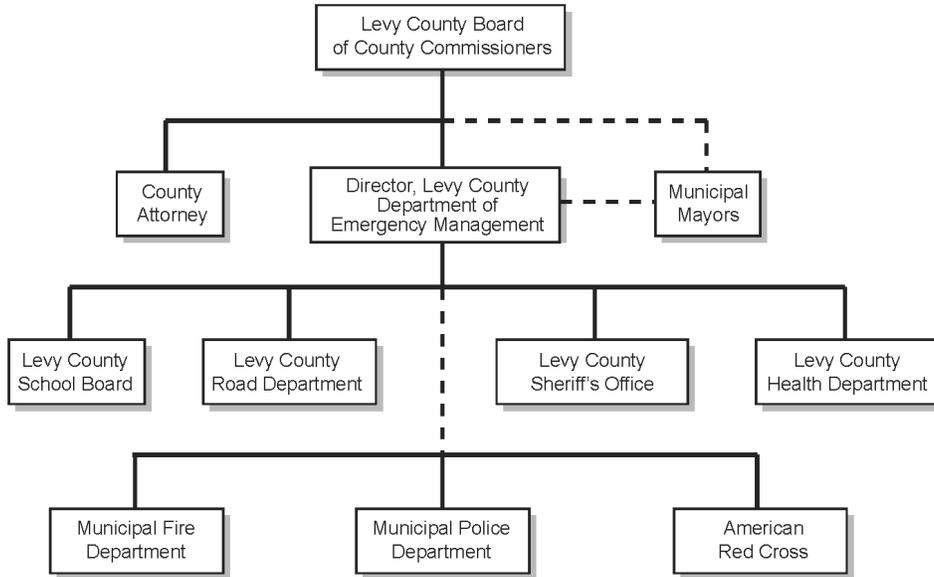
Traffic Control

Primary: Sheriff's Office
Support: Municipal Police
Department and State of Florida

Recovery and Reentry

Primary: State of Florida
Support: Board of County
Commissioners and Department of
Emergency Management

FIGURE VI-4: LEVY COUNTY ORGANIZATIONAL CHART



Command and Control: _____
Coordination: - - - - -

FIGURE VI-5: CITRUS COUNTY PRIMARY/SUPPORT RESPONSIBILITIES

Command and Control	<u>Primary:</u> Board of County Commissioners and Sheriff's Office Division of Emergency Operations <u>Support:</u> State of Florida
Emergency Alert and Notification	<u>Primary:</u> Sheriff's Office, Division of Emergency Operations <u>Support:</u> State of Florida
Communications	<u>Primary:</u> Sheriff's Office, Division of Emergency Operations <u>Support:</u> Sheriff's Office Patrol Division, Fire Protection, Department of Technical Services, Department of Public Works
Accident Assessment	<u>Primary:</u> State of Florida and Licensee <u>Support:</u> Board of County Commissioners, Sheriff's Office Division of Emergency Operations, and Division of Health
Protective Response	<u>Primary:</u> Board of County Commissioners and Sheriff's Office Division of Emergency Operations <u>Support:</u> Division of Health, State of Florida, and Licensee
Public Alert and Notification	<u>Primary:</u> Board of County Commissioners and Sheriff's Office Division of Emergency Operations <u>Support:</u> Fire Protection and Department of Public Works
Public Information	<u>Primary:</u> Board of County Commissioners <u>Support:</u> Sheriff's Office Division of Emergency Operations, State of Florida and Licensee
Radiological Exposure Control	<u>Primary:</u> Sheriff's Office Division of Emergency Operations <u>Support:</u> Board of County Commissioners and State of Florida

FIGURE VI-5: (continued)

Decontamination	<u>Primary:</u> Fire Protection <u>Support:</u> Sheriff's Office Division of Emergency Operations, Division of Health, and Department of Public Works
Control of Access to the Evacuated area	<u>Primary:</u> Sheriff's Office Patrol Division <u>Support:</u> Sheriff's Office Division of Emergency Operations and State of Florida
Field Monitoring and Sampling	<u>Primary:</u> State of Florida <u>Support:</u> Licensee
Fire and Rescue	<u>Primary:</u> Fire Protection
Emergency Medical Services	<u>Primary:</u> Hospitals and Emergency Medical Services <u>Support:</u> State of Florida
Law Enforcement	<u>Primary:</u> Sheriff's Office Patrol Division <u>Support:</u> State of Florida
Transportation	<u>Primary:</u> School Board <u>Support:</u> Emergency Medical Services and Department of Community Services
Food Quality	<u>Primary:</u> State of Florida
Potable Water Quality	<u>Primary:</u> State of Florida
Shelter and Sanitation	<u>Primary:</u> School Board, and Division of Health <u>Support:</u> Department of Technical Services and American Red Cross
Social Services	<u>Primary:</u> Division of Health <u>Support:</u> State of Florida

FIGURE VI-5: (continued):

Road Passage and Maintenance

Primary: Department of Public Works

Support: Department of Technical Services and State of Florida

Security

Primary: Sheriff's Office Patrol Division

Support: State of Florida

Traffic Control

Primary: Sheriff's Office Patrol Division

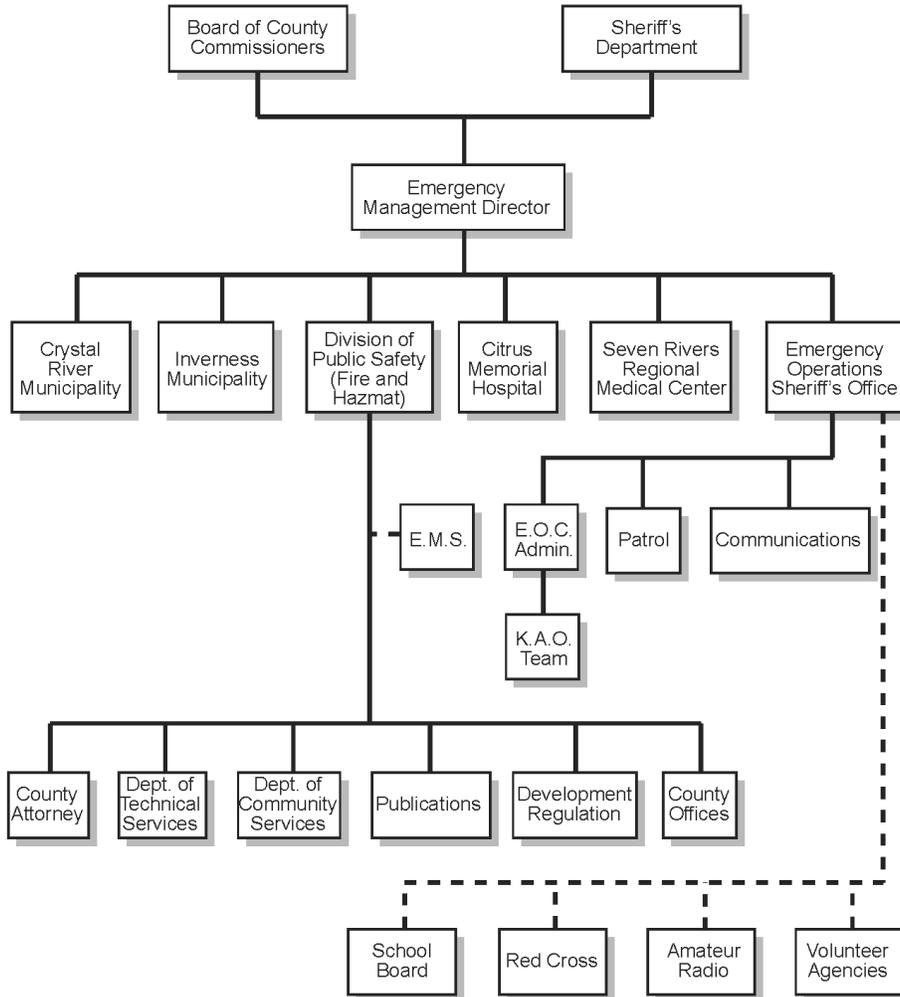
Support: State of Florida

Recovery and Reentry

Primary: State of Florida

Support: Board of County Commissioners and Sheriff's Office Division of Emergency Operations

FIGURE VI-6: CITRUS COUNTY ORGANIZATIONAL CHART



Command and Control: _____
Coordination: - - - - -

FIGURE VI-7: MARION COUNTY PRIMARY/SUPPORT RESPONSIBILITIES

Command and Control	<u>Primary:</u> Board of County Commissioners and Department of Emergency Management <u>Support:</u> State of Florida
Emergency Alert and Notification	<u>Primary:</u> Department of Emergency Management <u>Support:</u> State of Florida
Communications	<u>Primary:</u> Department of Emergency Management <u>Support:</u> Sheriff's Office, Municipal Police Department, and Road Department
Accident Assessment	<u>Primary:</u> State of Florida and Licensee <u>Support:</u> Department of Emergency Management
Protective Response	<u>Primary:</u> Board of County Commissioners and Department of Emergency Management <u>Support:</u> City Fire Department, State of Florida, and Licensee
Public Alert and Notification	<u>Primary:</u> Board of County Commissioners <u>Support:</u> Department of Emergency Management, Sheriff's Office, Municipal Police Department, Road Department, City Fire Department
Public Information	<u>Primary:</u> Department of Emergency Management <u>Support:</u> Board of County Commissioners, State of Florida and Licensee
Radiological Exposure Control	<u>Primary:</u> Department of Emergency Management and State of Florida <u>Support:</u> Board of County Commissioners

FIGURE VI-7: (continued)

Decontamination	<u>Primary:</u> City Fire Department <u>Support:</u> Department of Emergency Management
Control of Access to the Evacuated area	<u>Primary:</u> Sheriff's Office <u>Support:</u> Municipal Police Department and State of Florida
Field Monitoring and Sampling	<u>Primary:</u> State of Florida <u>Support:</u> Licensee and Department of Emergency Management
Fire and Rescue	<u>Primary:</u> City Fire Department
Emergency Medical Services	<u>Primary:</u> Department of Human Services <u>Support:</u> City Fire Department, Health Department and State of Florida
Law Enforcement	<u>Primary:</u> Sheriff's Office <u>Support:</u> Municipal Police Department and State of Florida
Transportation	<u>Primary:</u> School Board <u>Support:</u> Hospital and Department of Human Services
Food Quality	<u>Primary:</u> State of Florida
Potable Water Quality	<u>Primary:</u> State of Florida
Shelter and Sanitation	<u>Primary:</u> School Board <u>Support:</u> Health Department, Department of Human Services and American Red Cross
Social Services	<u>Primary:</u> Health Department and Department of Human Services <u>Support:</u> State of Florida
Road Passage and Maintenance	<u>Primary:</u> Road Department <u>Support:</u> State of Florida

FIGURE VI-7: (continued)

Security

Primary: Sheriff's Office
Support: Municipal Police
Department, Road Department and
State of Florida

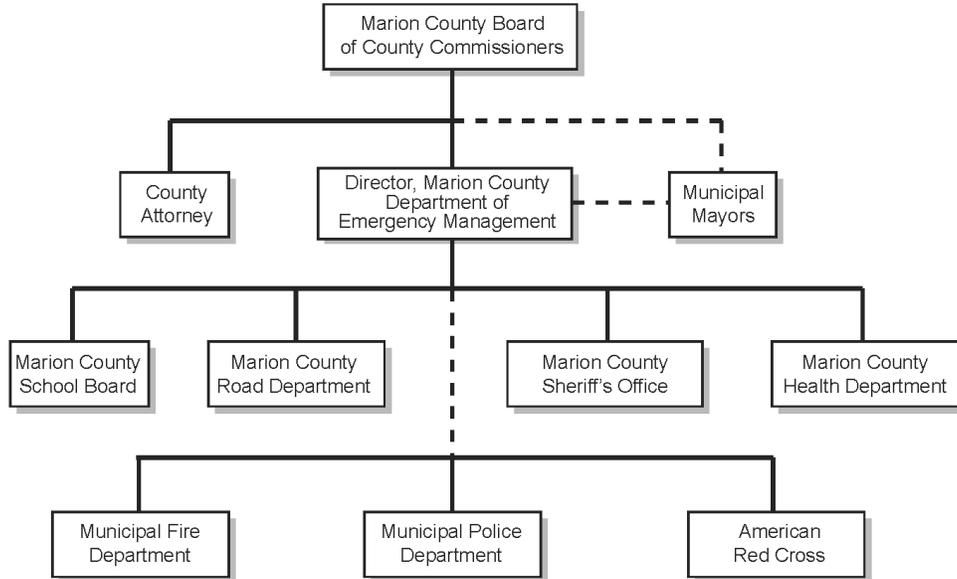
Traffic Control

Primary: Sheriff's Office
Support: Municipal Police
Department and State of Florida

Recovery and Reentry

Primary: State of Florida
Support: Board of County
Commissioners and Department of
Emergency Management

FIGURE VI-8: MARION COUNTY ORGANIZATIONAL CHART



Command and Control: _____
Coordination: - - - - -

FIGURE VI-9: EMERGENCY OPERATIONS CENTERS AND FACILITIES

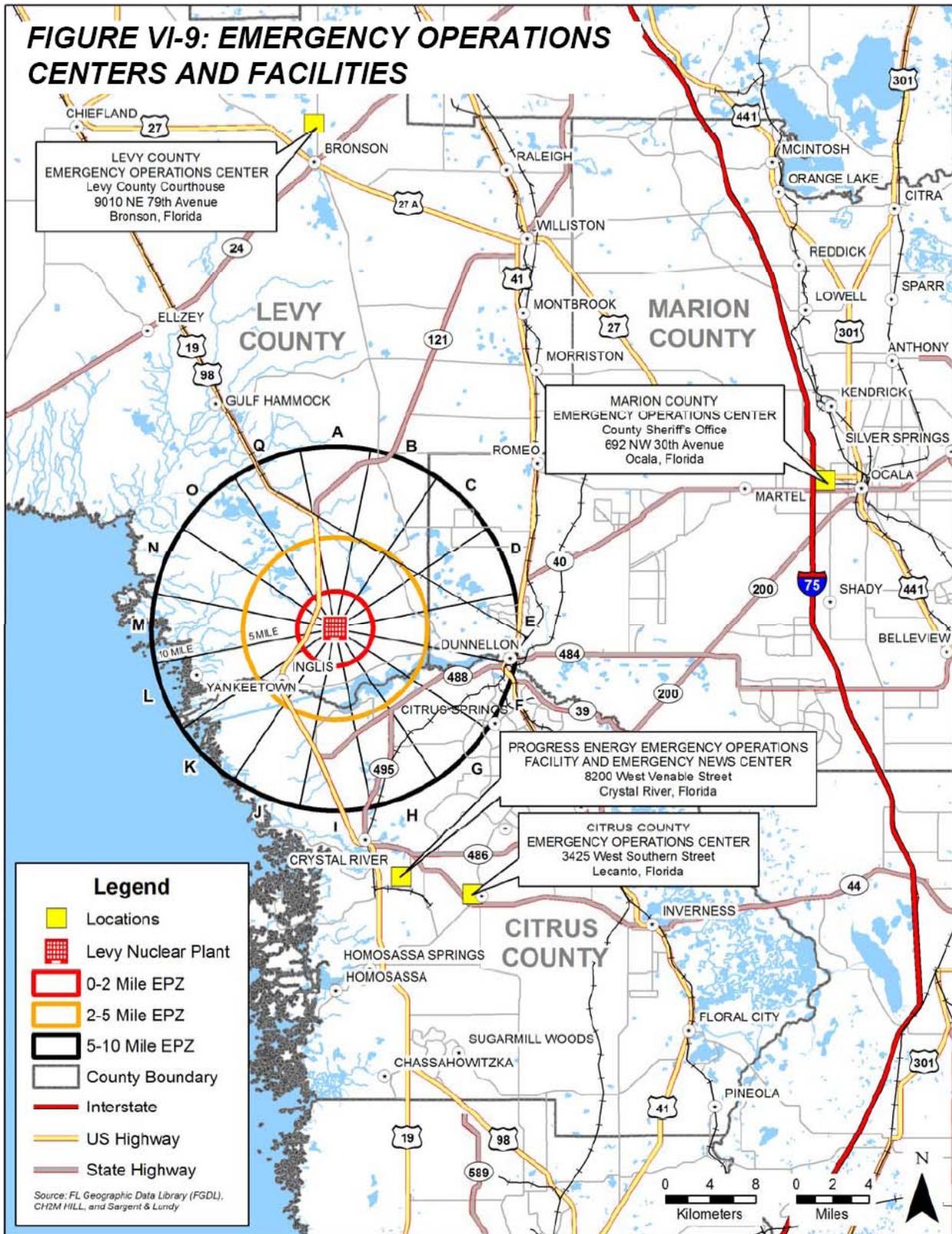


FIGURE VI-10: LEVY COUNTY RADIOLOGICAL EMERGENCY EQUIPMENT AND SUPPLIES

RADIOLOGICAL MONITORING EQUIPMENT

- (49) CD V-777-1 radiological emergency response kits which include:
 - 1 - CD V-700 Low range survey meter
 - 1 - CD V-715 High range survey meter
 - 6 - CD V-742 High range dosimeters (0-200 R)
 - 1 - CD V-750 Dosimeter charger
- (200) CD V-139 Low range dosimeters (0-500 mR, Milliroentgen)
- (200) CD V-742 High Range dosimeters (0-200 R)
- (100) Dosimeter Badges

PROTECTIVE EQUIPMENT:

All weather protective clothing

COMMUNICATIONS EQUIPMENT:

Hot Ring Down dedicated telephone system
Local Government Radio-Frequency Modulation
Commercial telephone
Commercial telephone for Emergency Use Only
Fire Department radio system
Sheriff's Office high frequency single side band
Emergency Medical Service Radio
Emergency Satellite Communication System

EMERGENCY SUPPLIES:

Decontamination equipment and supplies
Food
First Aid Kits

FIGURE VI-11: CITRUS COUNTY RADIOLOGICAL EMERGENCY EQUIPMENT AND SUPPLIES

RADIOLOGICAL MONITORING EQUIPMENT

- (51) CD V-777-1 Radiological emergency response kits which include:
 - 1- CD V-700 Low range survey meter
 - 1 - CD V-715 High range survey meter
 - 6 - CD V-742 High range dosimeters
 - 1 - CD V-750 Dosimeter charger

- (10) CD V-700 Pancake probe converted

- (100) CD V-138 Low range dosimeters (0-200 mR)
- (120) CD V-742 High range dosimeters (0-200 R)
- (40) CD V-730 Medium range dosimeters (0-20 R)

- (100) Dosimeter Badges

PROTECTIVE EQUIPMENT:

All weather protective clothing

COMMUNICATIONS EQUIPMENT:

Hot Ring Down dedicated telephone system
National Oceanic Atmospheric Administration Weather System
Emergency Satellite Communication System
Local Government Radio-Frequency Modulation
Commercial telephone
Commercial telephone for Emergency Use Only
Fire Radio System
Sheriff's Office high frequency single side band
Radio Amateur Civil Emergency Service
Civil Air Patrol radio frequency
All 911 communications capabilities

EMERGENCY SUPPLIES:

Decontamination equipment and supplies

FIGURE VI-12: MARION COUNTY RADIOLOGICAL EMERGENCY EQUIPMENT AND SUPPLIES

RADIOLOGICAL MONITORING EQUIPMENT

- (50) CD V-777-1 Radiological emergency response kits which include:
 - 3733 CD V-700 Low range survey meter
 - 1 - CD V-715 High range survey meter
 - 6 - CD V-742 High range dosimeters
 - 1 - CD V-750 Dosimeter charger
- (10) CD V-700 Pancake probe converted
- (100) CD V-138 Low range dosimeters (0-200 mR)
- (120) CD V-742 High range dosimeters (0-200 R)
- (40) CD V-730 Medium range dosimeters (0-20 R)
- (100) Dosimeter Badges

PROTECTIVE EQUIPMENT:

All weather protective clothing

COMMUNICATIONS EQUIPMENT:

Hot Ring Down dedicated telephone system
Local Government Radio-Frequency Modulation
Commercial telephone
Commercial telephone for Emergency Use Only
Fire Department radio system
Sheriff's Office high frequency single side band
Emergency Medical Service Radio
Emergency Satellite Communication System

EMERGENCY SUPPLIES:

Decontamination equipment and supplies
Food
First Aid Kits



FIGURE VI-13: (continued)

LEVY COUNTY

CAPACITY

1.	Bronson High School School Street Bronson, Florida	600 * **
2.	Chiefland Elementary School 1205 NW 4th Avenue Chiefland, Florida	795
3.	Williston Elementary 801 S. Main Street Williston, Florida	600
4.	Williston High School 427 W. Noble Avenue Williston, Florida	703
5.	Williston Intermediate NE 3rd Avenue Williston, Florida	412
6.	Chiefland High School (Gym) 816 N. Main Street Chiefland, Florida	725

MONITORING/WASHDOWN STATION

- A. Levy County has two Vehicle Wash Down Station apparatus that can be erected at any two locations determined to be appropriate by the Emergency Management Director or designee.

* Also serves as a Reception Center

** Shelter for mobility impaired residents who require special evacuation

CAPACITY - Capacity so as not to interfere with normal operations

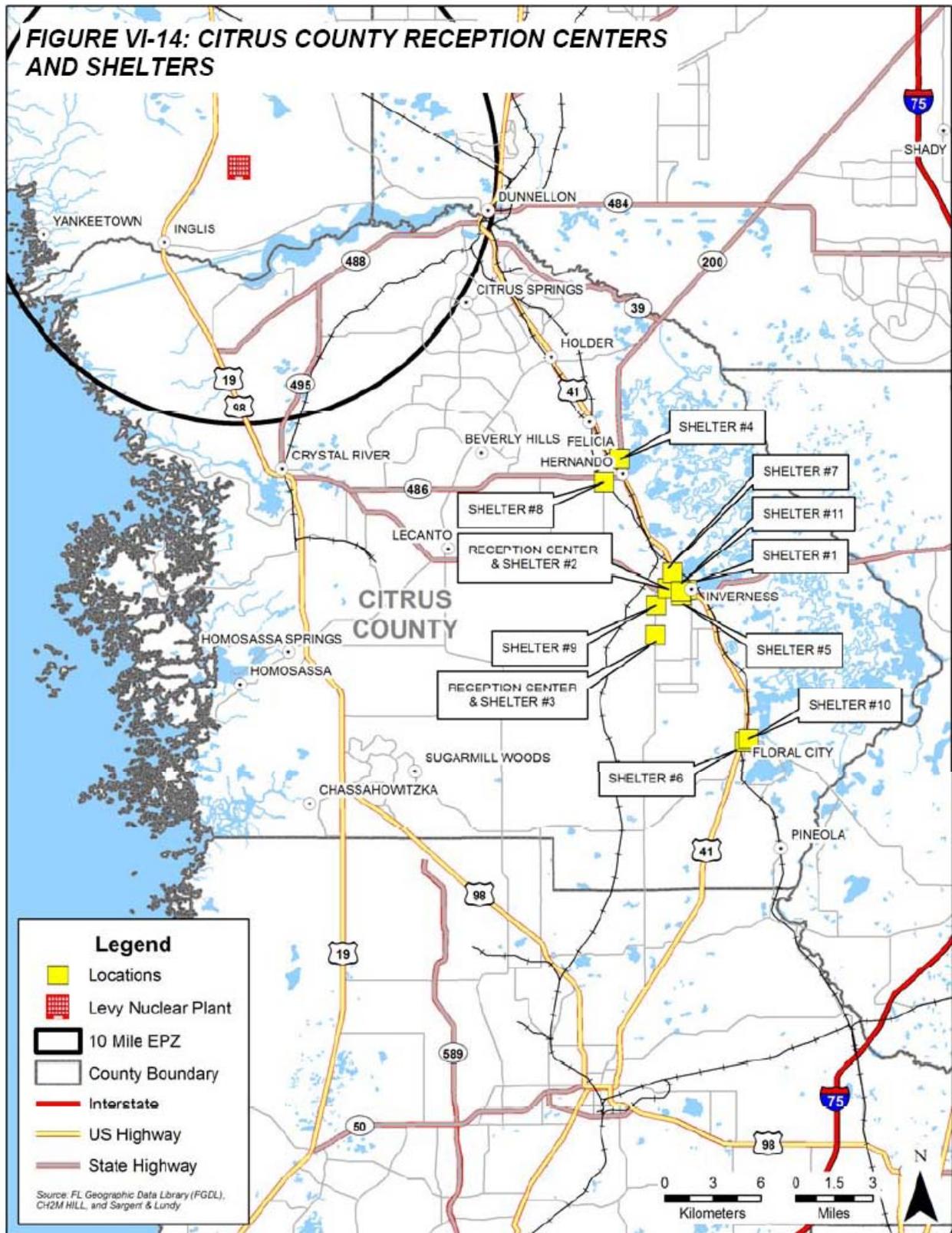


FIGURE VI-14: (continued)

<u>CITRUS COUNTY</u>		<u>CAPACITY</u>	
1.	First Baptist Church 123 Seminole Inverness, Florida 32650	100	
2.	Withlacoochee Vocational Technical Center (Special Needs) West State Road 44 Inverness, Florida 32650	2,075	* **
3.	1st Methodist Church of Inverness (Day Care) 3896 S. Pleasant Grove Road Inverness, Florida 32650	900+	* ***
4.	VFW Hall-Post No. 4252 3190 North Carl G. Rose Hwy Hernando, Florida	150	
5.	Citrus High School 600 W. Highland Boulevard Inverness, Florida 32650	2,347	
6.	Floral City Community Building East State Road 48 Floral City, Florida 32650	100	
7.	Inverness Middle School 1950 U.S. 41 North Inverness, Florida 32650	3,224	
8.	Hernando Elementary 2353 North Croft Avenue Hernando, Florida 32650	1,121	
9.	Pleasant Grove Elementary 630 Pleasant Grove Road Inverness, Florida 32650	1,121	
10.	Floral City Elementary 8454 East Marvin Street Floral City, Florida	543	
11.	Inverness Primary School 206 South Line Street Inverness, Florida 32650	1,299	
*	Also Reception Center		
**	Shelter for mobility impaired residents who require special evacuation		
***	Designated shelter for all Day Care Centers in the 10-mile Emergency Planning Zone		

CAPACITY - Capacity so as not to interfere with normal operations

FIGURE V1-15: MARION COUNTY RECEPTION CENTERS AND SHELTERS

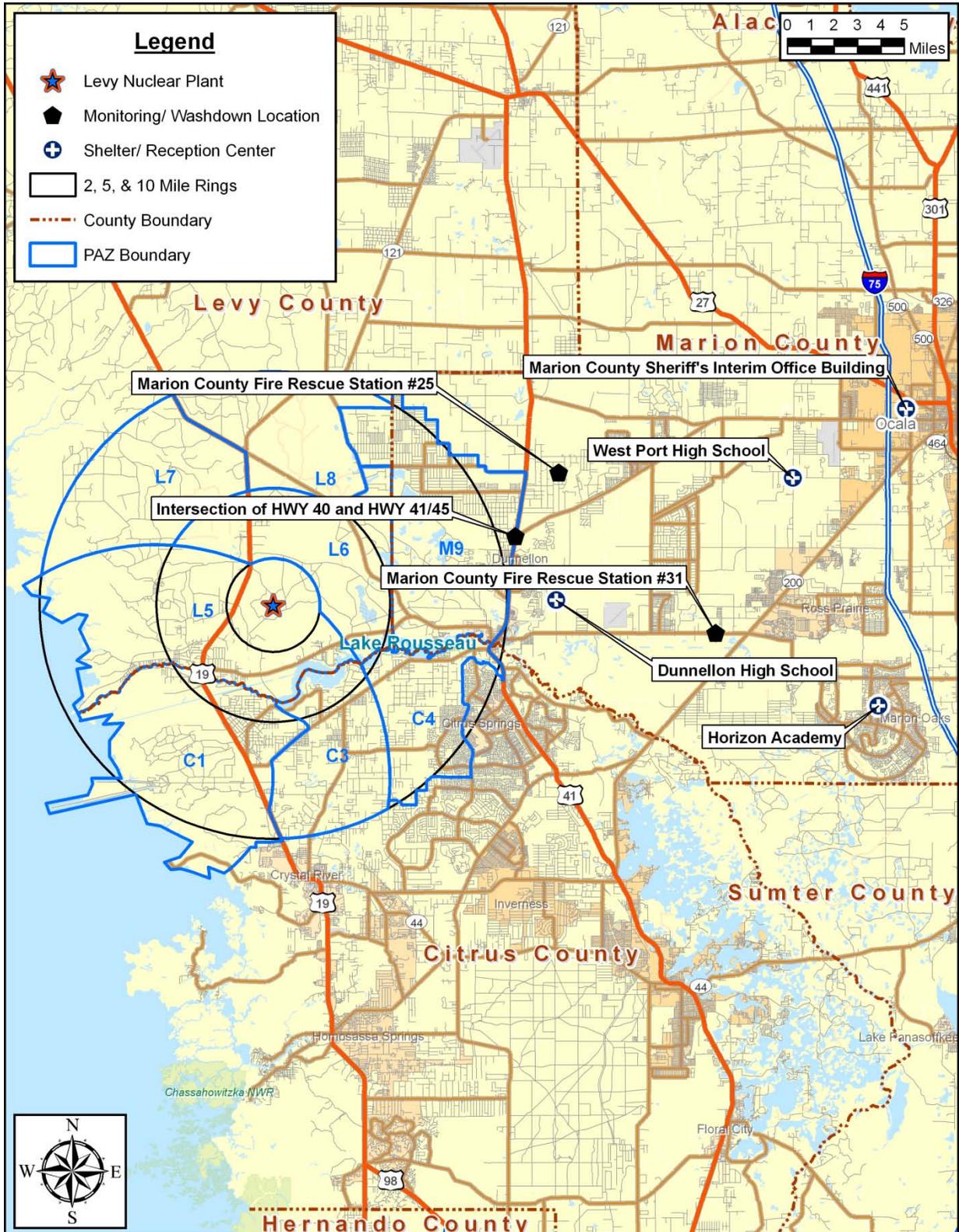


FIGURE VI-15: (continued)

MARION COUNTY SHELTERS and RECEPTION CENTERS

CAPACITY

<ol style="list-style-type: none"> 1. Dunnellon High School 10055 SW 180th Avenue Road Dunnellon, FL 34432 2. Horizon Academy 365 Marion Oaks Drive Ocala, FL 34473 3. Marion County Sheriff's Office Interim Building 692 NW 30th Avenue Ocala, FL 34478 4. West Port High School 3733 SW 80th Avenue Ocala, FL 34481 	<p>750</p> <p>755</p> <p>250</p> <p>500*</p>
---	--

MARION COUNTY MONITORING/WASHDOWN STATIONS

1. Intersection of HWY 40 and HWY 41/45
2. Marion County Fire Rescue Station #25
Lake Tropicana, 17700 SW 36th Loop
Dunnellon, FL
3. Marion County Fire Rescue Station #31
11240 SW, Highway 484
Dunnellon, FL

- Special Annotations Dependent on Facility
- * Shelter for mobility impaired residents who require special evacuation. Capacity is 122 special needs.
 - * Designated shelter for all Day Care Centers and School relocations in the 10-mile Emergency Planning Zone

CAPACITY – Capacity so as not to interfere with normal operations

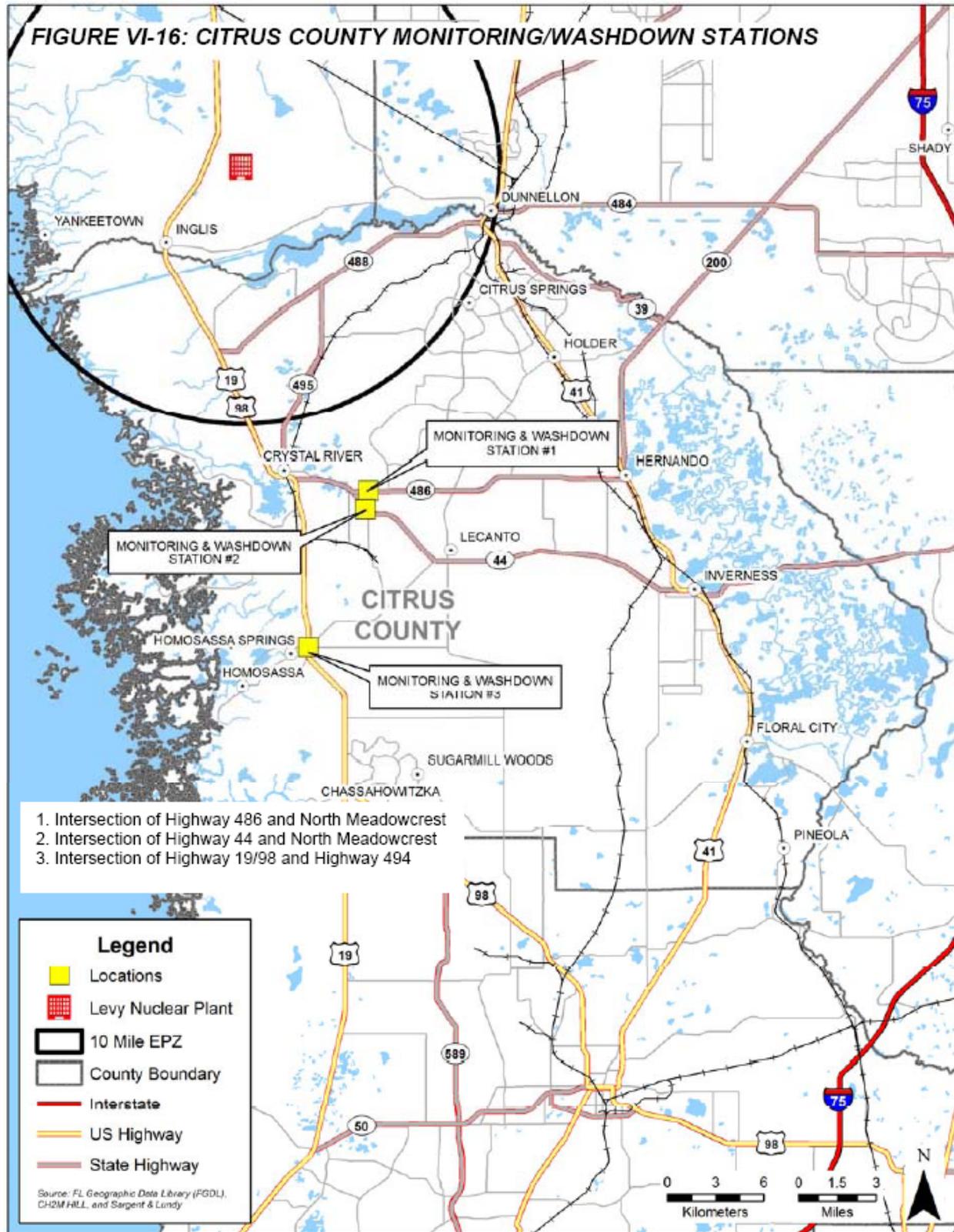


FIGURE V1-17: MARION COUNTY MONITORING / WASHDOWN STATIONS

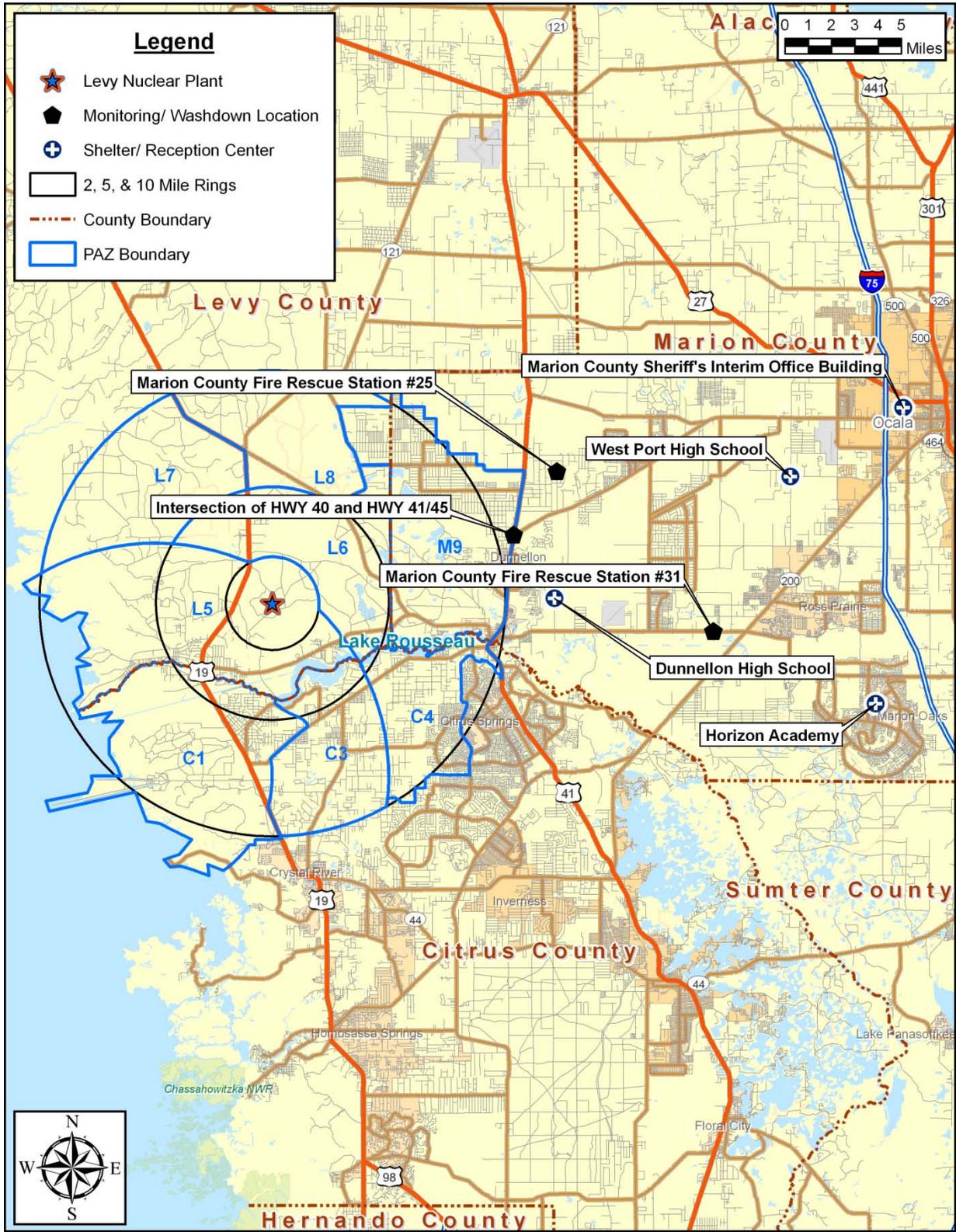
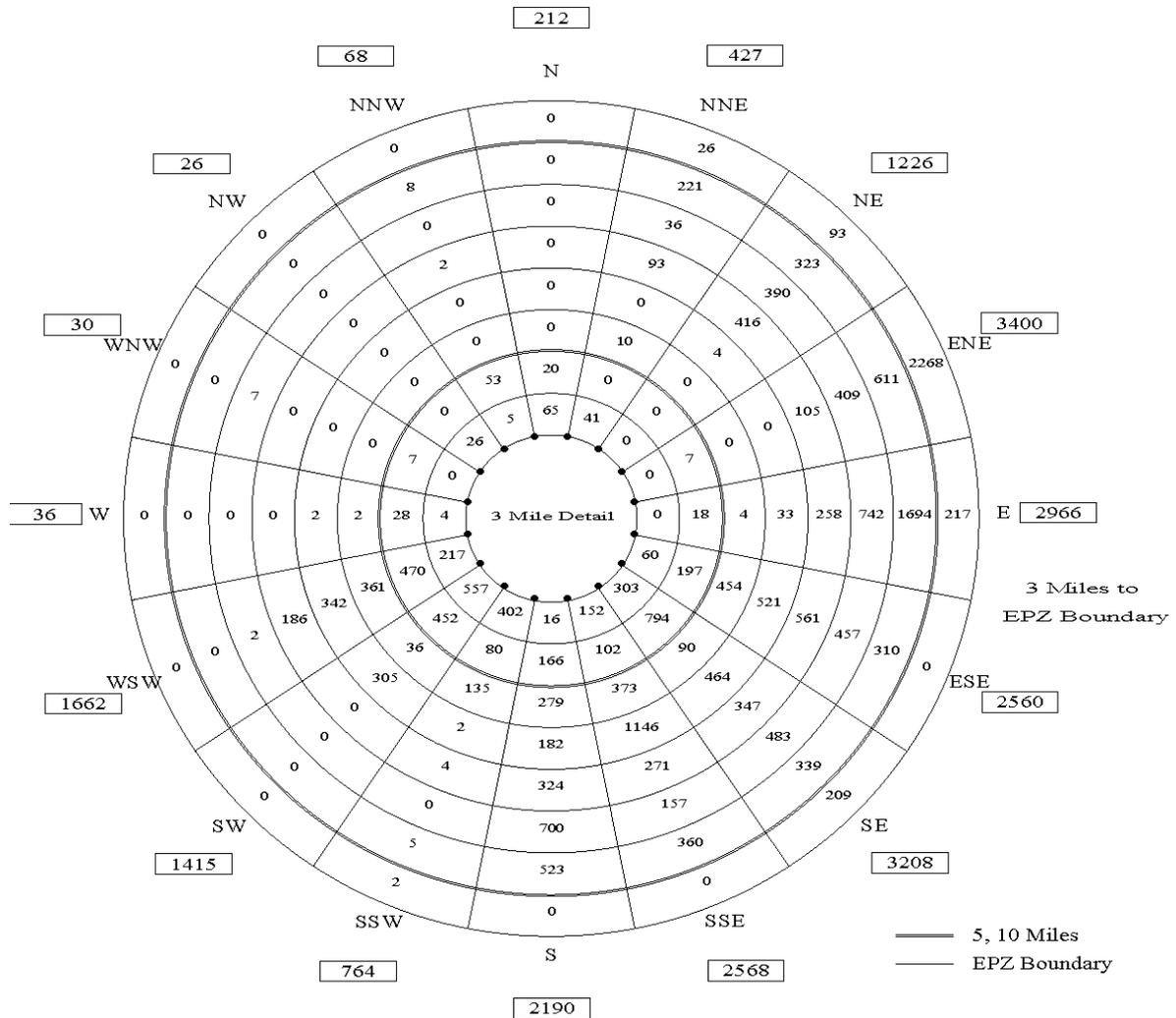


FIGURE VI-18: POPULATION DISTRIBUTION, LEVY NUCLEAR PLANT 10-MILE EPZ



Resident Population			
Miles	Ring Subtotal	Total Miles	Cumulative Total
0-1	0	0-1	0
1-2	159	0-2	159
2-3	453	0-3	612
3-4	1848	0-4	2460
4-5	2394	0-5	4854
5-6	1744	0-6	6598
6-7	3001	0-7	9599
7-8	2567	0-8	12166
8-9	3383	0-9	15549
9-10	4394	0-10	19943
10-EPZ	2815	0-EPZ	22758

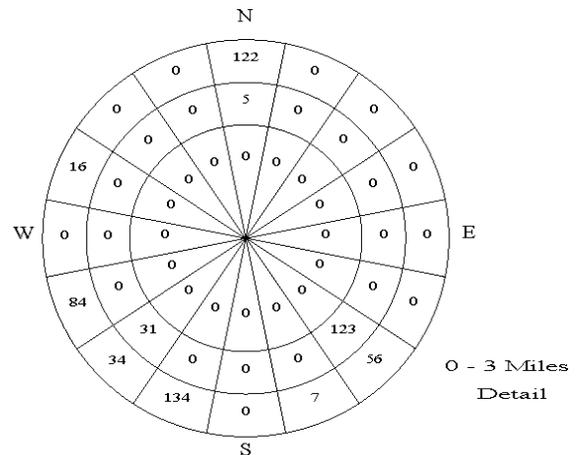


FIGURE VI-19: EVACUATION ROUTES, LEVY NUCLEAR PLANT
10-MILE EMERGENCY PLANNING ZONE (EPZ)

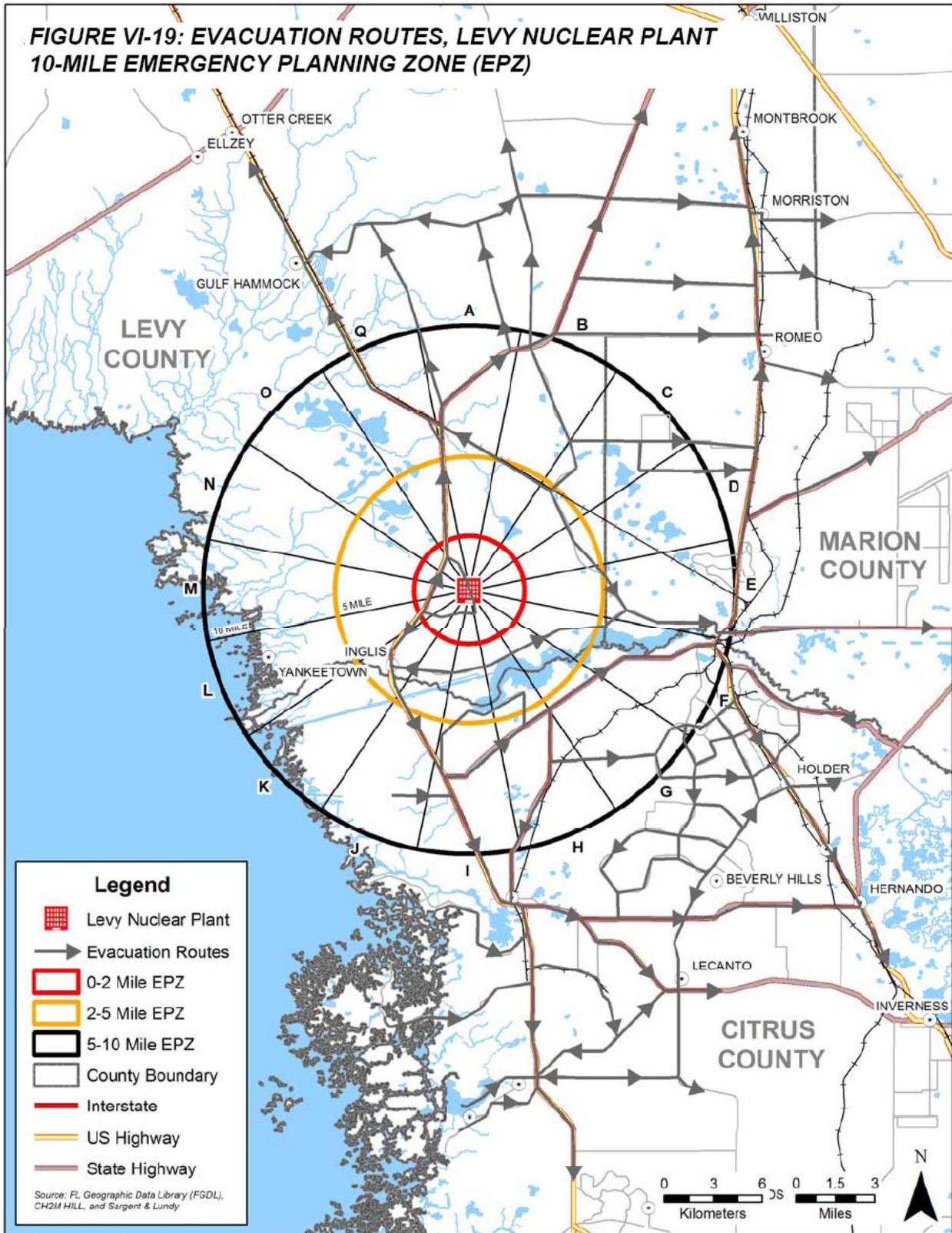


FIGURE VI-20: TIME TO CLEAR THE INDICATED AREAS OF 95 PERCENT OF THE AFFECTED POPULATION

	Summer		Summer		Summer		Winter			Winter		Winter		Summer
	Midweek		Weekend		Midweek Weekend		Midweek			Weekend		Midweek Weekend		Midweek
Scenario:	(1)	(2)	(3)	(4)	(5)	Scenario:	(6)	(7)	(8)	(9)	(10)	(11)	Scenario:	(12)
Region Wind Toward:	Midday		Midday		Evening	Region Wind Toward:	Midday			Midday		Evening	Region Wind Toward:	Midday
	Good Weather	Rain	Good Weather	Rain	Good Weather		Good Weather	Rain	Ice	Good Weather	Rain	Good Weather		New Plant Construction
Entire 2-Mile Region, 5-Mile Region, and EPZ														
R01 2-mile ring	2:10	2:20	1:50	1:50	2:10	R01 2-mile ring	2:10	2:10	2:10	1:50	1:50	2:20	R01 2-mile ring	2:35
R02 5-mile ring	2:20	2:20	2:40	2:50	2:10	R02 5-mile ring	2:30	2:30	2:30	2:00	2:00	2:10	R02 5-mile ring	3:30
R03 Entire EPZ	2:55	3:00	2:40	2:50	2:30	R03 Entire EPZ	3:00	3:05	3:20	2:30	2:40	2:30	R03 Entire EPZ	4:00
2-Mile Ring and Downwind to 5 Miles														
R04 N, NW, NNW	2:20	2:20	2:40	2:50	2:10	R04 N, NW, NNW	2:30	2:30	2:30	1:50	1:50	2:10	R04 N, NW, NNW	3:40
R05 NNE	2:20	2:20	1:50	1:50	2:10	R05 NNE	2:20	2:20	2:20	1:50	1:50	2:10	R05 NNE	3:10
R06 NE, ENE	2:20	2:20	2:00	2:00	2:10	R06 NE, ENE	2:20	2:20	2:30	2:00	2:00	2:10	R06 NE, ENE	3:10
R07 E	2:30	2:30	2:00	2:00	2:10	R07 E	2:30	2:30	2:30	2:00	2:00	2:10	R07 E	3:10
R08 ESE	2:30	2:30	2:00	2:00	2:10	R08 ESE	2:30	2:30	2:30	2:00	2:00	2:10	R08 ESE	2:40
R09 SE	2:30	2:30	2:10	2:10	2:20	R09 SE	2:40	2:40	2:40	2:10	2:10	2:20	R09 SE	2:40
R10 SSE, S	2:30	2:30	2:00	2:00	2:20	R10 SSE, S	2:30	2:30	2:30	2:00	2:00	2:20	R10 SSE, S	2:35
R11 SSW, SW	2:20	2:20	2:00	2:00	2:20	R11 SSW, SW	2:20	2:20	2:20	2:00	2:00	2:20	R11 SSW, SW	2:30
R12 WSW, W, WNW	2:20	2:20	2:40	2:50	2:20	R12 WSW, W, WNW	2:30	2:30	2:30	2:00	2:00	2:20	R12 WSW, W, WNW	3:10
5-Mile Ring and Downwind to EPZ Boundary														
R13 N, NNE	2:50	2:50	2:30	2:40	2:30	R13 N, NNE	2:50	2:50	3:05	2:30	2:30	2:30	R13 N, NNE	3:40
R14 NE	2:55	3:00	2:30	2:45	2:30	R14 NE	2:55	3:05	3:20	2:30	2:40	2:30	R14 NE	4:00
R15 ENE, E	2:55	3:00	2:30	2:45	2:30	R15 ENE, E	2:55	3:05	3:20	2:30	2:40	2:30	R15 ENE, E	4:00
R16 ESE	2:50	2:55	2:40	2:40	2:30	R16 ESE	2:50	3:00	3:10	2:30	2:30	2:30	R16 ESE	3:50
R17 SE	2:50	2:50	2:40	2:40	2:30	R17 SE	2:50	3:00	3:10	2:20	2:30	2:30	R17 SE	3:45
R18 SSE	2:50	2:50	2:40	2:40	2:30	R18 SSE	2:50	3:00	3:10	2:20	2:30	2:30	R18 SSE	3:45
R19 S	2:40	2:40	2:40	2:40	2:20	R19 S	2:50	2:50	2:50	2:10	2:10	2:20	R19 S	3:20
R20 SSW	2:50	2:50	2:40	2:50	2:20	R20 SSW	2:50	2:50	2:50	2:20	2:20	2:20	R20 SSW	3:30
R21 SW	2:40	2:40	2:40	2:50	2:20	R21 SW	2:40	2:40	2:40	2:10	2:10	2:20	R21 SW	3:30
R22 WSW	2:40	2:40	2:40	2:50	2:20	R22 WSW	2:40	2:40	2:40	2:10	2:10	2:20	R22 WSW	3:30
R23 W, WNW	2:30	2:30	2:40	2:50	2:20	R23 W, WNW	2:40	2:40	2:40	2:00	2:00	2:20	R23 W, WNW	3:30
R24 NW	2:30	2:30	2:40	2:40	2:20	R24 NW	2:40	2:40	2:40	2:00	2:00	2:20	R24 NW	3:30
R25 NNW	2:50	2:50	2:40	2:40	2:30	R25 NNW	2:50	2:50	3:05	2:30	2:30	2:30	R25 NNW	3:40

FIGURE VI-21: EVACUATION MAP, LEVY NUCLEAR PLANT
10-MILE EMERGENCY PLANNING ZONE (EPZ)

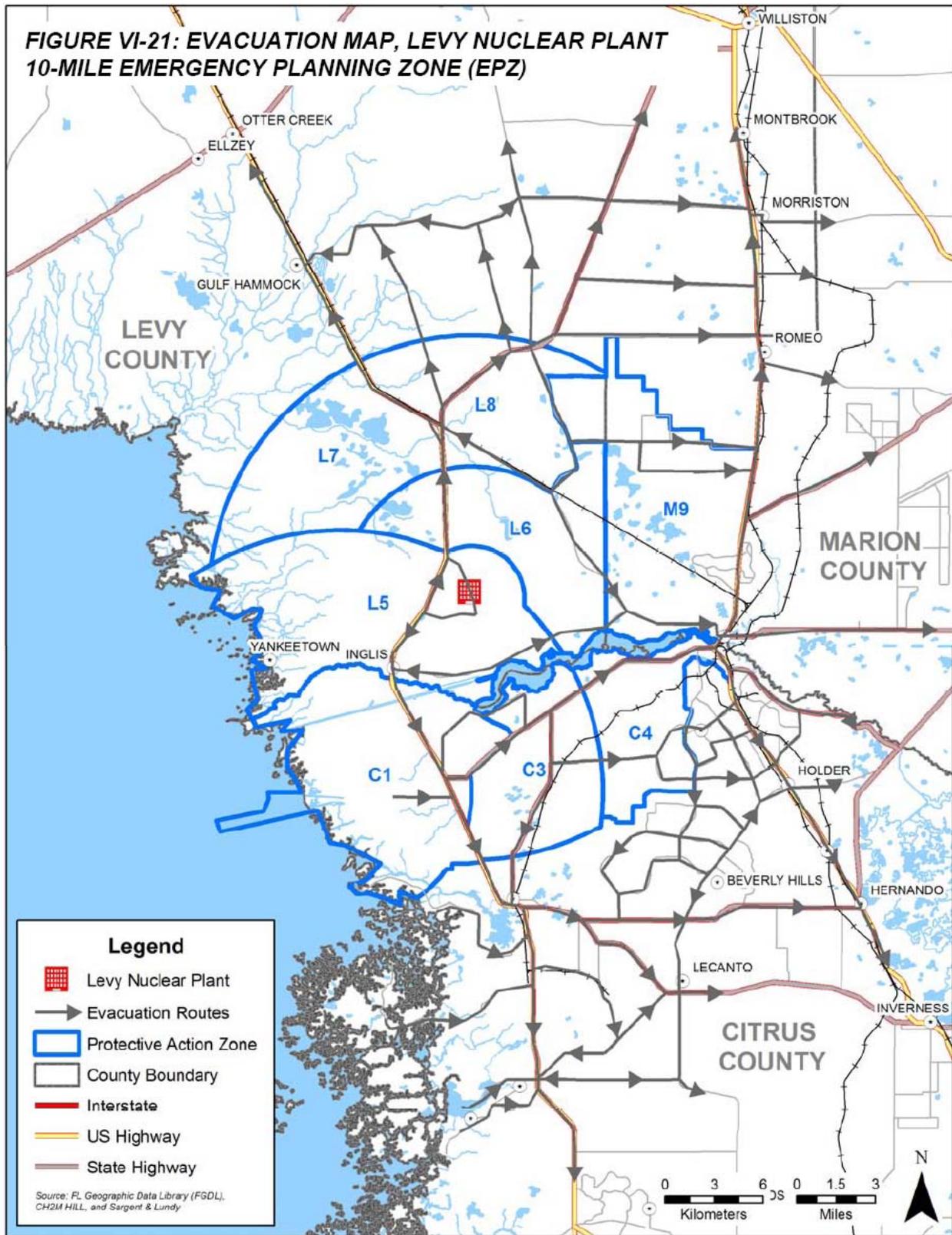


FIGURE VI-22: PROTECTIVE ACTION MAPS DATA

PAR	CITRUS		LEVY		MARION		POPULATION	
	Evacuate	Shelter	Evacuate	Shelter	Evacuate	Shelter	Evacuate	Shelter
1	None	None	L5, L6	None	None	None	4,254	N/A
2	None	C1, C3, C4	L5, L6	L7, L8	None	M9	4,254	18,504
3	C1, C3, C4	None	L5, L6, L7, L8	None	M9	None	22,758	N/A
4	C1, C3, C4	None	L5, L6	None	M9	None	22,447	N/A
5	C1, C3, C4	None	L5, L6, L7, L8	None	None	None	15,278	N/A
6	None	None	L5, L6, L7, L8	None	M9	None	12,045	NA
7	None	None	L5, L6	None	M9	None	11,734	N/A
8	C1, C3, C4	None	L5, L6	L7, L8	M9	None	22,447	311
9	C1, C3, C4	None	L5, L6, L7, L8	None	None	M9	15,278	7,480
10	None	C1, C3, C4	L5, L6, L7, L8	None	M9	None	12,045	10,713
11	C1, C3, C4	None	L5, L6	L7, L8	M9	None	22,447	311
12	None	C1, C3, C4	L5, L6, L7, L8	None	None	M9	4,565	18,193
13	C1, C3, C4	None	L5, L6	L7, L8	None	M9	14,967	7791
14	C1, C3, C4	None	L5, L6	None	None	None	14,967	N/A
15	None	C1, C3, C4	L5, L6	L7, L8	None	None	4,254	11,024
16	None	C1, C3, C4	L5, L6	None	None	M9	4,254	18,193
17	None	None	L5, L6	L7, L8	None	M9	4,254	7,791

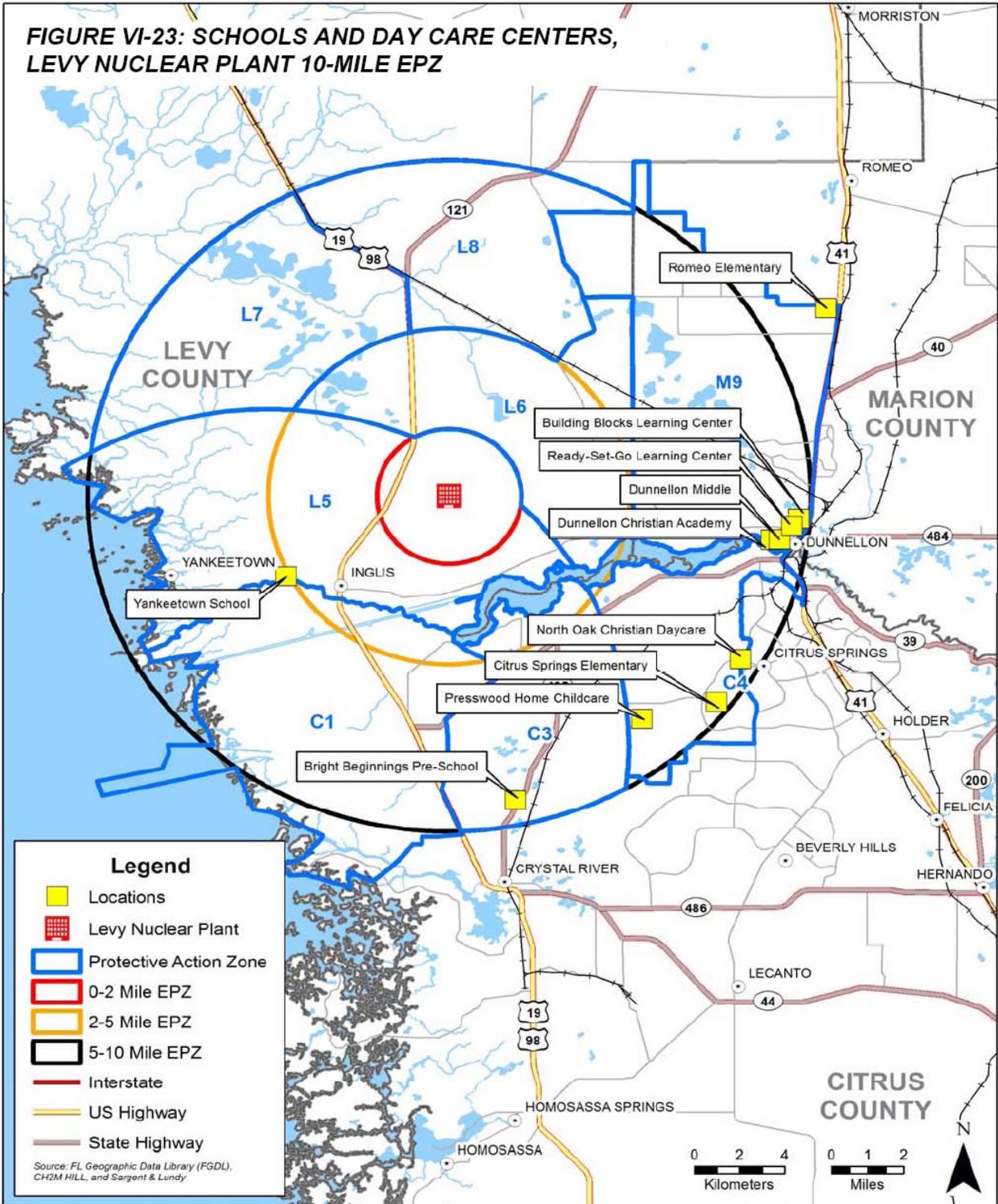


FIGURE VI-23: (continued)

<u>CITRUS COUNTY SCHOOLS</u>	<u>POP</u>	<u>SECTOR</u>	<u>ZONE</u>	<u>HOST FACILITY</u>
1. Citrus Springs Elementary 3570 W. Century Blvd. Citrus Springs, Fl 34433	930	F	C4	Citrus Springs Middle
<u>LEVY COUNTY SCHOOLS</u>				
1. Yankeetown School 4500 Highway 40 West Yankeetown, Fl 32698	380	L	L5	First United Methodist Church
<u>MARION COUNTY SCHOOLS</u>				
1. Dunnellon Middle School 21005 Chestnut Street Dunnellon, Fl 34431	1210	E	M9	West Port High School
2. Dunnellon Christian Academy 20831 Powell Road Dunnellon, Fl 34431	296	E	M9	West Port High Schools
3. Romeo Elementary School 19550 SW 36 th Street Dunnellon, Fl 34431	915	E	M9	West Port High Schools
<u>CITRUS COUNTY DAY CARE CENTERS</u>				
A. Presswood Home Child Care 5721 W. Bangkok Lane Dunnellon, Fl 34433	9	E	C4	First United Methodist Church
B. Northoak Christian Daycare 9324 N. Elkcam Blvd. Citrus Springs, Fl 34433	35	F	C4	First United Methodist Church
C. Bright Beginnings Pre-School 244801 N. Citrus Avenue Crystal River, Fl 34428	73	H	C3	First United Methodist Church

FIGURE VI-23: (continued)

MARION COUNTY DAY CARE CENTERS

A. Ready-Set-Go Learning Center 51 20660 Powell Road Dunnellon, FL 34431	E	M9	West Port High School	
B. Building Blocks Learning Center 184 11364 Robinson Road Dunnellon, FL 34431	E	M9	West Port High School	

FIGURE VI-24: HOSPITALS AND NURSING HOMES, LEVY NUCLEAR PLANT 10-MILE EPZ

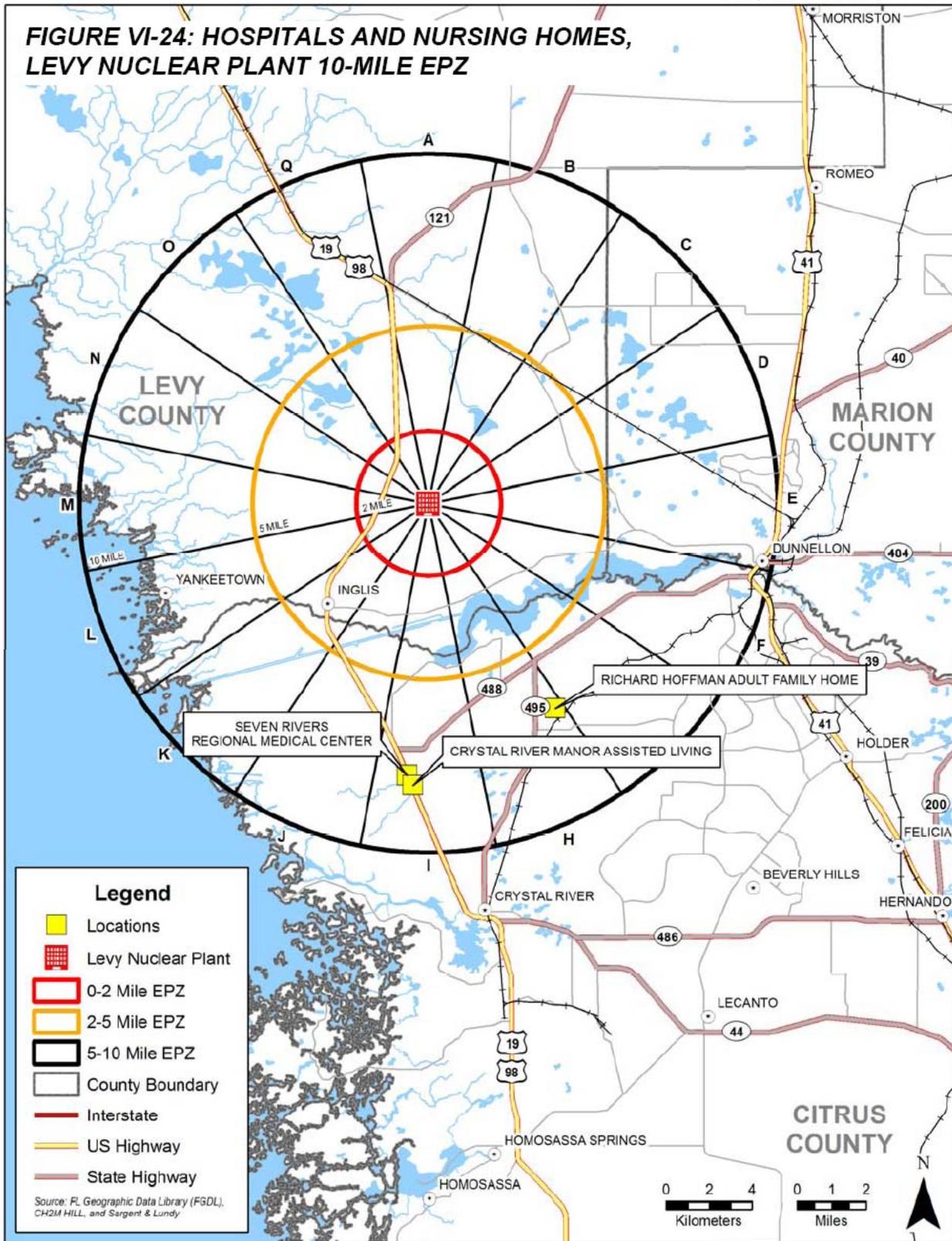


FIGURE VI-24: (continued)

<u>HOSPITALS</u>	<u>BEDS</u>	<u>SECTOR</u>	<u>ZONE</u>	<u>HOST FACILITY</u>
1. Seven Rivers Regional Medical Center 6201 North Suncoast Blvd. Crystal River, FL. 34428	120	I	C1	Munroe Regional Medical Center Ocala, Florida
<u>NURSING HOMES</u>				
2. Crystal River Manor Assisted Living 10854 W. Gem Street Crystal River, FL. 34428	70	I	C1	Munroe Regional Medical Center Ocala, Florida
3. Richard Hoffman Adult Family Care Home 8620 N. Himalayas Point Dunnellon, FL	5	H	C3	Munroe Regional Medical Center Ocala, Florida

FIGURE VI-25: PUBLIC/PRIVATE AIRPORTS AND EMERGENCY HOSPITAL HELIPADS

NAME	LOCATION	RUNWAY	LIGHTS
<u>PUBLIC</u>			
CRYSTAL RIVER HOMASSASSA AIR TERMINAL	3 MILES S.E. OF CRYSTAL RIVER	3,000' TURF 4,300' PAVED	NO YES
INVERNESS AIRPORT	2 MILES S.E. OF INVERNESS	3,062' PAVED	YES
GEORGE T. LEWIS	1 MILE W. OF CEDAR KEY	2,400' PAVED	NO
WILLISTON MUNICIPAL	2 MILES S.W. OF WILLISTON	5,000' PAVED 5,000' PAVED	NO NO
DUNELLON MUNICIPAL	5 MILES E. OF DUNELLON	5,000' PAVED ROUGH 5,000' PAVED ROUGH	NO NO
OCALA MUNICIPAL/ JIM TAYLOR FIELD	2 MILES W. OF OCALA	5,007' PAVED 3,009' PAVED	YES NO
HERNANDO COUNTY AIRPORT	7 MILES S.W. OF BROOKSVILLE	5,000' PAVED 7,000' PAVED	YES YES
PILOT COUNTRY AIRPORT	15 MILES S.W. OF BROOKSVILLE	3,700' PAVED	YES
TAMPA EXECUTIVE	7 MILES S.W. OF TAMPA	5,000' PAVED	YES
FLYING TEN AIRPORT	10 MILES E. OF LEESBURG	2,800' TURF	NO
LEESBURG MUNICIPAL	4 MILES E. OF LEESBURG	4,162' PAVED 4,984' PAVED	YES YES
ARROW HEAD AIRPORT	6 MILES N. OF HERNANDO	2,800' TURF	NO
TWELVE OAKS	5 MILES N. OF HERNANDO	2,655' TURF	NO
CEDAR KEY FLYING CLUB	8 MILES N.E. OF CEDAR KEY	2,370' TURF	NO

FIGURE VI-25: (continued)

NAME	LOCATION	RUNWAY	LIGHTS
WHITE FARMS AIRPORT	2 MILES N. OF CHIEFLAND	3,900' ASPHALT	NO
CHINSEQUT AIRPORT	8 MILES N. OF BROOKSVILLE	2,500' TURF	NO
CROSSWIND FARM AIRPORT	15 MILES N.W. OF OCALA	2,700' TURF	NO
MCGINLEY AIRPORT	10 MILES S.W. OF OCALA	3,115' TURF	NO
OKLAWAHA FARMS AIRPORT	4 MILES N.E. OF OCALA	2,940' TURF	NO
SEVEN SPRINGS RANCH	16 MILES S.W. OF OCALA	2,300' TURF	NO
SHADY INTERNATIONAL AIRPORT	7 MILES S.W. OF OCALA	4,300' TURF	NO
HIDDEN LAKE AIRPORT	6 MILES N.E. OF NEW PORT RICHEY	2,730' ASPHALT	NO
FT. CLARK ESTATES AIRPORT	5 MILES W. OF GAINESVILLE	2,385' TURF	NO
FLYING BARON ESTATES	3 MILES S.W. OF LEESBURG	2,500' ASPHALT	NO
KO-KEE	6 MILES S.S.W. OF BUSHNELL	2,550' TURF	NO

FIGURE VI-25: (continued)

NAME	LOCATION	RUNWAY	LIGHTS
<u>HOSPITAL HELIPADS</u>			
VETERANS ADMINISTRATION HOSPITAL	ARCHER ROAD S.R. 23 GAINESVILLE		
TAMPA GENERAL HOSPITAL	DAVIS ISLAND TAMPA		
ST. JOSEPH'S HOSPITAL	3001 W. BUFFALO AVE., TAMPA		
CITRUS MEMORIAL HOSPITAL	INVERNESS		
SHANDS	GAINESVILLE		
SEVEN RIVERS REGIONAL MEDICAL CENTER	U.S. 19 N. CRYSTAL RIVER		

FINAL DRAFT

FIGURE VI-26: LEVY SITE EMERGENCY SAMPLING LOCATIONS

Map Direction from site	Miles	Description	Lat	Lon
South	7	Power Line St. & 19/98	28.959531	-82.63025
SE	5	488 & N. Northcut Ave	28.997652	82.585779
SE	8	488 & N. Oakleaf Terrace	29.03614	82.493724
SE	8	W. Dunkin St. & N. Husky Ave.	28.980669	82.520406
SE	3	CR 40 & Rd #5	29.026758	82.629498
SW	2	19/98 & Shirley Rd	29.070059	82.645943
SW	5	CR40 & Riverside Dr.	29.036224	82.694473
North	2	SE 157 Pl & Rd #4	29.100373	82.612001
North	7	19/98 & CR 336	29.164619	82.638864
NE	5	CR 336 & SE 124th Terrace	29.128835	82.570502
NE	5	CR 336 & Rd #1	29.089258	82.55068
NE	2	Rd # 3 & Rd # 5	29.076038	82.586324
NE	7	SE 124th Terrace & SE 110 th PL	29.169814	82.566604
NE	8	SW Rainbow Lake Blvd & SW Beach Blvd	29.139311	82.515935
NE	9	SW 80th PL Rd & SW 209th CT Rd	29.104481	82.468068
NW	2	19/98 & SE 160th St	29.096936	82.636013
NW	5	Stealing Rd & Butler Rd	29.096259	82.698575
NW	6	Butler Rd & Big Springs Rd	29.130628	82.688469
NW	9	19/98 & SE 91 PL	29.186025	82.681126
West	7	Maple Ridge & Hudson Rd	29.072001	82.724979