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SUBJECT: Forwards summary of objectives for exercise of emergency plan scheduled for 890524.

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MARCH 10 1989

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

Gentlemen:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Emergency Exercise - May 1989

Florida Power & Light Company (FPL), in cooperation with the State of Florida, St. Lucie County, and Martin County emergency response agencies, will conduct an exercise of the emergency plan for St. Lucie Plant on May 24, 1989. The exercise will involve participation by local emergency response agencies and State emergency response personnel and will be evaluated by the Federal Emergency Management Agency.

Attached is a summary of FPL objectives for the exercise. If there are any questions or comments concerning the exercise, or its objectives, please contact Mr. J. J. Maisler at (407) 694-4218.

Very truly yours,

DA Sogel

for W. F. Conway
Senior Vice President - Nuclear

WFC/GRM/cm

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

GRMEE

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE
EVALUATED EXERCISE OBJECTIVES

May 24, 1989

A. General Objectives

1. Notification of Emergency Response Personnel

- a. Demonstrate the ability to promptly alert, notify, and mobilize FPL Emergency Response Personnel.
- b. Demonstrate the ability to promptly notify and communicate information to NRC, State, and local authorities.

2. Emergency Response Facilities, Equipment, and Communications

- a. Demonstrate the ability to staff the Technical Support Center (TSC), the Operations Support Center (OSC), the Emergency Operations Facility (EOF), and the Emergency News Center (ENC).
- b. Demonstrate the functional and operational adequacy of the TSC, OSC, EOF, and ENC.
- c. Demonstrate the adequacy, operability, and effective use of designated emergency response equipment.
- d. Demonstrate the adequacy, operability, and effective use of emergency communication equipment.

3. Direction and Control

- a. Demonstrate the ability of each emergency response facility manager to maintain command and control over the emergency response activities conducted within the facility throughout the exercise.
- b. Provide the opportunity for State and Local Governments to participate and interact in a simulated nuclear emergency.

A. General Objectives (cont'd)

- c. Demonstrate the adequacy of operational interfaces with Offsite Emergency Response Agencies.
- d. Demonstrate the ability to gather, assess, and disseminate information to the public and governmental officials regarding the status of the emergency conditions and the status of emergency response activities within regulatory defined time limitations.

4. Accident Assessment

- a. Demonstrate the ability of the Control Room, TSC, and EOF to analyze current plant conditions, their potential consequences, and provide recommendations for mitigating actions.

5. Radiological Assessment

- a. Demonstrate the ability to control and coordinate the flow of information regarding off-site radiological consequences between radiological assessment personnel stationed at the TSC and the EOF.

6. Protective Response

- a. Demonstrate the ability to adequately control radiation exposure to on-site emergency workers.
- b. Demonstrate the ability of the Emergency Coordinator and/or Recovery Manager to determine Protective Action Recommendations for the public, as appropriate to the emergency condition.

7. Training and Exercise

- a. Provide the opportunity to train alternate members of the FPL Emergency Response Organization (both onsite and offsite).
- b. Exhibit the effectiveness of the emergency preparedness training program in a practical demonstration.

A. General Objectives (cont'd)

- c. Demonstrate the effectiveness of actions taken to correct past identified weaknesses in the emergency preparedness program.
- d. Demonstrate the ability of participants and controller/evaluators to evaluate and critique exercise performance.

B. Specific objectives for those activities conducted from the Control Room, Technical Support Center, and Operations Support Center.

1. Direction and Control

- a. Demonstrate the precise and clear transfer of Emergency Coordinator responsibilities from the Nuclear Plant Supervisor to designated senior plant management.
- b. Demonstrate the ability of each facility manager to periodically inform facility personnel of the status of the emergency situation and plant conditions.
- c. Demonstrate the ability to promptly and accurately transfer information between emergency response facilities.
- d. Demonstrate the ability of the TSC and OSC to coordinate the deployment of emergency teams.
- e. Demonstrate the ability of emergency teams to respond to and treat contaminated and injured personnel.

2. Accident Assessment

- a. Demonstrate the ability of the Nuclear Plant Supervisor/Emergency Coordinator to classify an emergency condition.
- b. Demonstrate the ability of the TSC staff to support the Control Room efforts to identify the probable cause of an accident, mitigate the consequences of that accident, and place the affected unit in a safe, stable condition.
- c. Demonstrate that damage assessment is conducted and documented following response to a fire.

B. Specific Objectives (cont'd)

3. Radiological Assessment

- a. Demonstrate the ability of the on-site survey team personnel to efficiently and effectively utilize their procedures to perform dose rate surveys, collection and analysis of radiological samples, and other prescribed on-site and in-plant radiological monitoring activities.
- b. Demonstrate the ability to perform timely assessments and projections of on-site and off-site radiological conditions to support the formulation of protective action recommendations.
- c. Demonstrate the capability to draw or analyze samples drawn from the in-plant normal and/or post-accident sampling systems, and assess the resultant data.

4. Protective Response and Accountability

- a. Demonstrate the ability to formulate and implement on-site protective action measures in a timely manner.
- b. Demonstrate a representative evacuation and subsequent accountability of onsite personnel.
- c. Demonstrate the ability to account for all on-site personnel within approximately 30 minutes after a site evacuation has been initiated.

C. Specific Offsite Objectives for those Activities Conducted from the Emergency Operations Facility, Emergency News Center and by State or Local Agencies

1. Emergency Response Facilities and Communications

- a. Demonstrate real-time activation of the Emergency Operations Facility. Note that ENC will be staged at Juno so no real-time response (from Miami) will be required.
- b. Demonstrate that adequate communications exist between FPL and offsite agency emergency facilities.

C. Specific Objectives Offsite (cont'd)

2. Direction and Control

- a. Demonstrate the precise and clear transfer of procedurally defined responsibilities from the Emergency Coordinator to the Recovery Manager.

3. Accident Assessment

- a. Demonstrate the ability of the EOF staff to support the on-site efforts to identify the cause of an accident, mitigate the consequences of that incident, and place the affected unit in a safe, stable condition.

4. Radiological Assessment

- a. Demonstrate offsite environmental surveillance and dose assessment.
- b. Performance of offsite dose calculations will be demonstrated.
- c. Demonstrate the ability to control and coordinate the flow of information regarding off-site radiological consequences with State radiological assessment personnel.

5. Protective Response

- a. Demonstrate that joint FPL/Government Agency decisions, regarding protective action recommendations for the general public within the EPZ, can be made in a timely manner.
- b. Demonstrate that protective action recommendations can be communicated to State and local authorities within regulatory time constraints.

6. Public Information

- a. Demonstrate the ability to coordinate the preparation, review and release of public information with State and local government agencies as appropriate. Provide accurate, clear, and timely information releases to the news media.

C. Specific Objectives offsite (cont'd)

7. Medical

- a. Demonstrate care and treatment of one/or more contaminated/injured nuclear plant personnel.

D. Specific Portions of the Emergency Response that will not be tested.

1. Real time activation of the Emergency News Center Corporate Communications personnel will not be demonstrated. Corporate Communications will, however, be positioned at the Juno Beach Facility.