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SUBJECT: Informs that State of FL, St Lucie County & Martin County emergency response agencies will conduct exercise of emergency plan for plant on 980318.

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Florida Power & Light Company, 6351 S. Ocean Drive, Jensen Beach, FL 34957

December 31, 1997

L-97-329
10 CFR Part 50 Appendix E

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

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Emergency Exercise - March 1998

Florida Power & Light Company (FPL), in cooperation with the State of Florida, and the St. Lucie County and Martin County emergency response agencies, will conduct an exercise of the emergency plan for St. Lucie Plant on March 18, 1998. The exercise will involve participation by local emergency response agencies and the State of Florida emergency response personnel, and will be evaluated by the Federal Emergency Management Agency.

If there are any questions or comments concerning this exercise, or the enclosed exercise objectives, please contact Mr. Greg Casto at (561) 467-7606.

Very truly yours,

J. A. Stall
Vice President
St. Lucie Plant

JAS/spt

Attachment

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant
Kenneth P. Barr, Emergency Preparedness Section Chief, Region II, USNRC

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FLORIDA POWER AND LIGHT COMPANY
ST. LUCIE NUCLEAR POWER PLANT
1998 EMERGENCY PREPAREDNESS
ANNUAL EXERCISE
MARCH 18, 1998

OBJECTIVES

The St. Lucie Plant (PSL) 1998 Annual Exercise objectives are based upon the U. S. Nuclear Regulatory Commission requirements provided in 10 CFR 50, Appendix E, *Emergency Planning and Preparedness for Production and Utilization Facilities*. Additional guidance, provided in NUREG-0654, FEMA-REP-1, Revision 1, *Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants*, was utilized in developing the objectives.

The exercise will be conducted and evaluated using a realistic basis for activities. Scenario events will escalate to a General Emergency.

The following objectives for the exercise are consistent with the aforementioned documents:

A. Accident Assessment and Classification

1. Demonstrate the ability to assess accident conditions.
2. Demonstrate the ability to identify initiating conditions, determine Emergency Action Level (EAL) parameters, and correctly classify the emergency throughout the exercise.

B. Notification

1. Demonstrate the ability to alert, notify, and mobilize Florida Power and Light (FPL) emergency response personnel.
2. Demonstrate the ability to alert and notify non-emergency response personnel.
3. Demonstrate appropriate procedures for both initial and follow-up notifications.

4. Demonstrate the capability to promptly notify the State of Florida and Local authorities of an emergency declaration or change in emergency classification.
5. Demonstrate the capability to promptly notify the U.S. Nuclear Regulatory Commission (NRC) of an emergency or change in emergency classification.
6. Demonstrate the ability to provide accurate and timely information to State, Local, and Federal authorities concerning class of emergency, plant status/conditions, and whether a radioactive release is in progress, as appropriate.
7. Demonstrate the ability to provide periodic plant status updates to State, Local, and Federal authorities.

C. Communications

1. Demonstrate the availability and operability of emergency communications equipment for notification of State, Local, and Federal authorities.
2. Demonstrate the means to provide follow-up information to State, Local, and Federal authorities.
3. Demonstrate the availability and operability of communications equipment in the Emergency Response Facilities (ERFs) for interfacility communications.
4. Demonstrate the availability and operability of emergency communications equipment necessary for offsite monitoring activities.
5. Demonstrate the means to acquire meteorological data necessary for emergency response.

D. Emergency Response

1. Demonstrate staffing of ERFs.

2. Demonstrate the timely activation of the Technical Support Center (TSC), Operational Support Center (OSC), and Emergency Operations Facility (EOF).
3. Demonstrate the functional and operational adequacy of the Emergency Response Facilities, TSC, OSC, and EOF.
4. 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.
5. Demonstrate the ability of each facility manager to periodically inform facility personnel of the status of the emergency situation and plant conditions.
6. Demonstrate the precise and clear transfer of Emergency Coordinator (EC) responsibilities from the Nuclear Plant Supervisor (NPS) to designated senior plant management, and transfer of prescribed responsibilities to the Recovery Manager (RM).
7. Demonstrate the ability to promptly and accurately transfer information between ERFs.
8. Demonstrate the ability of the TSC to request, prioritize, and control Emergency Response Teams (ERT) in a timely manner.
9. Demonstrate the ability of the OSC to assemble, dispatch, and control ERTs in a timely manner.
10. Demonstrate the capability for development of the appropriate Protective Action Recommendations (PARs) for the general public within the 10 Mile Emergency Planning Zone (EPZ).
11. Demonstrate that the appropriate PARs can be communicated to State and Local authorities within the regulatory time constraints.

E. Radiological Assessment and Exposure Control

1. Demonstrate the coordinated gathering of radiological and non-radiological (meteorological) data necessary for emergency response, including collection and analysis of in-plant surveys and samples, as applicable.
2. Demonstrate the capability to calculate radiological release dose projections and perform timely and accurate dose assessment, as appropriate.
3. Demonstrate the ability to compare onsite and off-site dose projections to Protective Action Guidelines (PAGs), and determine and recommend the appropriate protective actions.
4. Demonstrate the ability to provide dosimetry to emergency response personnel as required and adequately track personnel exposure.
5. Demonstrate the capability to confirm and periodically assess the habitability of the onsite ERFs.
6. Demonstrate the capability for onsite contamination control.
7. Demonstrate the ability to adequately control radiation exposure to onsite emergency workers, as appropriate, to radiological conditions.
8. 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 EOF.
9. Demonstrate the ability of field monitoring teams to respond to and analyze an airborne radiological release through direct radiation measurements in the environment, as appropriate.
10. Demonstrate the ability to assemble and dispatch field monitoring teams.

11. Demonstrate the collection and analysis of air samples and provisions for effective communications and record keeping, as appropriate.
12. Demonstrate the ability to control and coordinate the flow of information regarding off-site radiological consequences with State radiological assessment personnel in the EOF.

F. Recovery

1. Demonstrate initial considerations for long term staffing of the FPL Emergency Response Organization.
2. Demonstrate initial considerations for de-escalation with State, County, and Federal (NRC) officials.

G. Public Information

1. Demonstrate the timely and accurate response to news inquiries.
2. Demonstrate the ability to brief the media in a clear, accurate, and timely manner.
3. Demonstrate the ability to coordinate the preparation, review, and release of public information with State and Local Government agencies, as appropriate.

H. Evaluation

1. Demonstrate ability to conduct a post-drill critique to determine areas requiring improvement or corrective action.

I. Training

1. Provide the opportunity to assess the progress of upgraded training for members of the PSL Emergency Response Organization.

J. Exemptions

Areas of the PSL Emergency Plan that will NOT be demonstrated during this exercise include:

1. Site evacuation of non-essential personnel.
2. Onsite personnel accountability (other than TSC and OSC).
3. Actual shift turnover (long term shift assignments will be demonstrated by rosters).
4. Actual drawing of a sample utilizing the Post-Accident Sampling System (PASS).
5. Actual entry into contaminated or high radiation areas.



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