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 SAGER, D.A. Florida Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
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SUBJECT: Notifies that exercise of emergency plan will be conducted for St. Lucie Plant on 930526.

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February 25, 1993

L-93-47

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 - May 1993

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 26, 1993. The exercise will involve participation by local emergency response agencies and State emergency response personnel.

If there are any questions or comments concerning this exercise, or the enclosed exercise objectives, please contact Mr. R. D. Mothena at (407) 694-4218.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS/JJB/kw

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant
William Rankin, Emergency Preparedness Section Chief, Region II, USNRC

DAS/PSL #870-93

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FLORIDA POWER AND LIGHT COMPANY
ST. LUCIE PLANT
1993 EMERGENCY PREPAREDNESS
EVALUATED EXERCISE
MAY 26, 1993

OBJECTIVES

The St. Lucie Plant (PSL) 1993 emergency preparedness evaluated exercise objectives are based upon 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 may escalate to a release of radioactive material to the environment.

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

A. Accident Assessment and Classification

1. 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 initiate Florida Power and Light (FPL) emergency response activities during off-hours (6:00 P.M. to 4:00 A.M.).
2. Demonstrate the capability to promptly notify the U.S. Nuclear Regulatory Commission (NRC), State and Local Authorities of an emergency declaration or change in emergency classification.
3. Demonstrate appropriate procedures for both initial and follow-up notifications.

OBJECTIVES (Continued)

B. Notification (Continued)

4. Demonstrate the ability to provide follow-up information to State, Local and Federal Authorities.
5. Demonstrate the ability to provide accurate and timely information to State, Local and Federal Authorities concerning plant status, conditions and/or radioactive releases in progress, as appropriate.

C. Emergency Response

1. Demonstrate staffing of Emergency Response Facilities (ERF)s during non-working hours.
2. Demonstrate planning for 24-hour per day emergency response capabilities.
3. Demonstrate the timely activation of the Technical Support Center (TSC) and Operational Support Center (OSC).
4. Demonstrate the timely activation of the Emergency Operations Facility (EOF) by Initial Staffing personnel.
5. Demonstrate the functional and operational adequacy of the Emergency Response Facilities.
6. Demonstrate the adequacy, operability and effective use of designated emergency response equipment.
7. Demonstrate the adequacy, operability and effective use of emergency communications equipment.
8. 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.
9. Demonstrate the ability of each facility manager to periodically inform facility personnel of the status of the emergency situation and plant conditions.

OBJECTIVES (Continued)

C. Emergency Response (Continued)

10. 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 Emergency Coordinator responsibilities to the Recovery Manager (RM).
11. Demonstrate the ability to promptly and accurately transfer information between Emergency Response Facilities (ERF)s.
12. Demonstrate the ability of the TSC to prioritize, control and request Emergency Response Teams (ERT)s in a timely manner.
13. Demonstrate the ability of the OSC to assemble, control and dispatch ERTs in a timely manner.
14. Demonstrate the capability for development of the appropriate Protective Action Recommendations (PAR)s for the general public within the 10 Mile Emergency Planning Zone (EPZ).
15. Demonstrate that the appropriate PARs can be communicated to State and Local Authorities within the regulatory time constraints.

D. Radiological Assessment and 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 for onsite contamination control.

OBJECTIVES (Continued)

D. Radiological Assessment and Control (Continued)

6. Demonstrate the ability to adequately control radiation exposure to onsite emergency workers, as appropriate to radiological conditions.
7. Demonstrate the decision making process for authorizing emergency workers to receive radiation doses in excess of St. Lucie Plant administrative limits, as appropriate.
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 collection and analysis of air samples and provisions for effective communications and recordkeeping, as appropriate.
11. Demonstrate the ability to control and coordinate the flow of information regarding off-site radiological consequences with State radiological assessment personnel in the EOF.

E. Public Information Program

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 Federal (NRC), State and Local Government Agencies as appropriate.

OBJECTIVES (Continued)

F. Medical Emergency

1. Demonstrate the ability to respond to a radiation medical emergency in a timely manner.
2. Demonstrate the capability of the First Aid and Personnel Decontamination Team to respond to a medical emergency, administer first aid and survey for contamination on a simulated contaminated injured individual.
3. Demonstrate the capability to arrange for and obtain transportation and off-site medical support for a radiological accident victim.
4. Demonstrate the ability of Lawnwood Regional Medical Center personnel to treat an injured and/or contaminated patient.

G. Evaluation

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

H. 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
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)

