



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W.  
ATLANTA, GEORGIA 30323

JAN 11 1988

Report Nos.: 50-335/87-30 and 50-389/87-29

Licensee: Florida Power and Light Company  
9250 West Flagler Street  
Miami, FL 33102

Docket Nos.: 50-335 and 50-389

License Nos.: DPR-67 and NPF-16

Facility Name: St. Lucie 1 and 2

Inspection Conducted: December 7-11, 1987

Inspector: James L. Kreh 6 Jan. 1988  
J. L. Kreh Date Signed

Approved by: T. R. Decker 01-06-88  
T. R. Decker, Section Chief Date Signed  
Division of Radiation Safety and Safeguards

SUMMARY

Scope: This routine, unannounced inspection was conducted in the area of emergency preparedness.

Results: No violations or deviations were identified.

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## REPORT DETAILS

### 1. Licensee Employees Contacted

- \*G. J. Boissy, Plant Manager
- \*H. F. Buchanan, Health Physics Department Supervisor
- \*F. G. Davis, Nuclear Plant Supervisor
- W. C. Green, Shift Technical Supervisor
- \*K. N. Harris, Site Vice President
- \*J. J. Maisler, Emergency Planning Manager (Corporate)
- W. F. McGavic, Senior Engineer
- \*C. Ward, Emergency Planning Coordinator (Site)

Other licensee employees contacted included technicians, operators, and office personnel.

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on December 11, 1987, with those persons indicated in paragraph 1 above. No dissenting comments were received from the licensee. The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during the inspection.

### 3. Licensee Action on Previous Enforcement Matters

This subject was not addressed in the inspection.

### 4. Emergency Plan and Implementing Procedures (82701)

Pursuant to 10 CFR 50.47(b)(16), 10 CFR 50.54(q), Appendix E to 10 CFR Part 50, and Section 7 of the licensee's Emergency Plan, this area was inspected to determine whether significant changes were made in the licensee's emergency preparedness program since the last unannounced inspection (June 1985), and to assess the impact of any such changes on the overall state of emergency preparedness at the facility.

Discussions with licensee representatives and observations by the inspector indicated that several noteworthy changes in the emergency preparedness program were made since June 1985. One change involved converting all copies of the Emergency Plan and its implementing procedures to controlled copies at all emergency response facilities, including offsite medical facilities. Formerly, most copies of the referenced documents were uncontrolled ("information only") and had to be verified against controlled versions before use. Other changes in the program are discussed in Paragraphs 5 and 6, below. All such changes were considered to improve or upgrade the emergency preparedness program.

The inspector reviewed the licensee's program for making changes to the Emergency Plan and the Emergency Plan Implementing Procedures (EPIPs). The inspector verified that changes to these documents were reviewed and approved by the Facility Review Group and licensee management. A review of records showed that all such changes since June 1985 were submitted to the NRC within 30 days of the effective date, as required. Current versions of the Emergency Plan and EPIPs were observed to be available in the Control Rooms, Technical Support Center (TSC), and Emergency Operations Facility (EOF).

No violations or deviations were identified in this program area.

5. Emergency Facilities, Equipment, Instrumentation and Supplies (82701)

Pursuant to 10 CFR 50.47(b)(8) and (9), 10 CFR 50.54(q), and Section IV.E of Appendix E to 10 CFR Part 50, this area was inspected to determine whether the licensee's emergency response facilities and other essential emergency equipment, instrumentation, and supplies were maintained in a state of operational readiness, and to assess the impact of any changes in this area upon the emergency preparedness program.

The inspector toured the licensee's emergency response facilities, including the Control Rooms for both units, TSC, Operations Support Center (OSC), and offsite EOF. All facilities and emergency equipment therein appeared to be maintained in an appropriate state of readiness. The inspector selectively reviewed documentation of the monthly emergency equipment inventory and communications tests conducted from January 1986 through November 1987 in accordance with procedure HP-90, "Emergency Equipment." The records indicated that problems and deficiencies identified during the monthly audits were resolved expeditiously.

The inspector was informed that a dividing wall in the TSC was changed to a 3-foot-high partition in order to improve information flow between management personnel and technical assessment groups within that facility. To enhance the operational readiness of the TSC, its use as a classroom was recently discontinued; also, the licensee was planning to keep the TSC locked beginning in the near future, completing its transformation to a totally dedicated emergency response facility.

The licensee had finalized arrangements under which Martin Memorial Hospital in Stuart will become the backup medical facility for St. Lucie as of January 1, 1988, replacing in this function the primary offsite medical facility for the licensee's Turkey Point Plant. Initial training for appropriate staff of Martin Memorial Hospital was planned for December 14-15, to be followed by a drill simulating reception and treatment of contaminated, injured persons.

No violations or deviations were identified in this program area.



6. Organization and Management Control (82701)

Pursuant to 10 CFR 50.47(b)(1) and (16) and Section IV.A of Appendix E to 10 CFR Part 50, this area was inspected to determine the effects of any such changes in the licensee's emergency response organization and/or management control systems on the emergency preparedness program and to verify that such changes were properly factored into the Emergency Plan and EPIPs.

The organization and management of the emergency preparedness program were reviewed and discussed with licensee representatives, with several significant changes noted. The position of Site Emergency Planning Coordinator (EPC) was reassigned and converted from a part-time to a full-time function in February 1986. The individual currently serving as EPC was a licensed operator at the St. Lucie Plant for five years prior to accepting the current assignment. With the help of the EPC's background in nuclear engineering and experience in plant operations, the licensee eliminated the use of consultants for exercise scenario development in favor of reliance on in-house resources.

According to licensee representatives, no major changes in the organization and staffing of offsite support agencies had occurred since the last inspection. As discussed in paragraph 5 above, a new support agreement with Martin Memorial Hospital was signed recently.

No violations or deviations were identified in this program area.

7. Training (82701)

Pursuant to 10 CFR 50.47(b)(2) and (15), Section IV.F of Appendix E to 10 CFR Part 50, and Section 7.2 of the licensee's Emergency Plan, this area was inspected to determine whether the licensee's key emergency response personnel were properly trained and understood their emergency responsibilities.

The inspector conducted a walk-through in the Control Room with a Nuclear Plant Supervisor (NPS) and his Shift Technical Advisor (STA) during their duty hours. The NPS was given several hypothetical sets of emergency conditions and plant data and was asked in each case to talk through the response he would provide as Emergency Coordinator if such an emergency actually existed. The NPS was assisted by the STA, as would occur during response to a real emergency. The individuals exhibited familiarity with emergency procedures and equipment. No significant problems were observed in the areas of emergency classification, protective action decision-making, and notification of offsite authorities.

No violations or deviations were identified in this program area.

## 8. Independent Reviews/Audits (82701)

Pursuant to 10 CFR 50.47(b)(14) and (16) and 10 CFR 50.54(t), this area was inspected to determine whether the licensee had performed an independent review or audit of the emergency preparedness program, and whether the licensee had a corrective action system for deficiencies and weaknesses identified during exercises and drills.

Records of emergency preparedness program audits were reviewed. The records showed that independent audits of the program were conducted in 1986 and 1987 by the plant Quality Assurance Department and documented in reports designated by QSL-OPS-86-465 and QSL-OPS-87-545, respectively. In addition, audits of the April 1986 and August 1987 exercises by the corporate Quality Assurance Department were documented in reports numbered QAS-EMP-86-1 and QAS-EMP-87-2. These audits fulfilled the 12-month frequency requirement of 10 CFR 50.54(t). The audit records showed that the State and local government interfaces were evaluated during the annual exercises, and findings concerning these interfaces were communicated to representatives of State government during the exercise critiques.

The licensee's program for follow-up action on audit, drill, and exercise findings was reviewed. The licensee had established a Regulatory Commitment Tracking System, also known as CTRAC, as a management tool in following up on actions taken in deficient areas. The inspector noted that CTRAC listed 23 open items in the emergency preparedness area as of December 10, 1987. Inspection of a sample of licensee records indicated that timely corrective actions were implemented for previously identified open items.

No violations or deviations were identified in this program area.

## 9. NRC Information Notices (92717)

The inspector determined that the following Information Notices (INs) were received by the licensee, distributed to cognizant personnel, and reviewed for applicability, and that corrective action, as appropriate, was completed or scheduled.

- a. IN 85-80: Timely Declaration of an Emergency Class, Implementation of an Emergency Plan, and Emergency Notifications
- b. IN 86-97: Emergency Communications System
- c. IN 87-54: Emergency Response Exercises