



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report Nos.: 50-335/84-21 and 50-389/84-23

Licensee: Florida Power and Light Company
9250 West Flagler Street
Miami, FL 33101

Docket Nos.: 50-335 and 50-389

License Nos.: DPR-67 and CPPR-144

Facility Name: St. Lucie Units 1 and 2

Inspection Date: June 10 - July 14, 1984

Inspection at St. Lucie site near Ft. Pierce, Florida

Inspectors:	<u><i>K M Jensen for</i></u>	<u>7/27/84</u>
	C. D. Feierabend, Senior Resident Inspector	Date Signed
	<u><i>K M Jensen for</i></u>	<u>7/27/84</u>
	H. E. Bibb, Resident Inspector	Date Signed
Approved by:	<u><i>Hugh C. Damer for</i></u>	<u>7/27/84</u>
	S. A. Elrod, Section Chief	Date Signed
	Division of Reactor Projects	

SUMMARY

Area Inspected: This routine resident inspection involved 137 resident inspector hours onsite in the areas of plant operation, surveillance observation, and maintenance observation. Of the three areas inspected, no violations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

C. M. Wethy, Plant Manager
J. H. Barrow, Operations Superintendent
*D. A. Sager, Operations Supervisor
N. G. Roos, Quality Control Supervisor
C. F. Leppla, Instrument and Control Supervisor
H. F. Buchanan, Health Physics Supervisor
*J. G. West, Security Supervisor
L. W. Pearce, Nuclear Plant Supervisor
M. Altermatt, Nuclear Plant Supervisor
K. C. Weicek, Nuclear Plant Supervisor
C. L. Burton, Nuclear Plant Supervisor
*J. Walls, Quality Control Engineer
*W. McGavic, Quality Assurance

Other licensee employees contacted included construction craftsmen, technicians, operators, shift technical advisors, security force members, and office personnel.

2. Exit Interviews

The inspector attended an exit interview conducted by RII inspector J. R. Wray.

The inspector conducted interim interviews during the inspection period and conducted an exit interview at the conclusion of the inspection in which the scope and the findings of the inspection were discussed. No violations or deviations were identified.

Persons indicated with an asterisk (*) in paragraph 1 above attended one or more of the interviews.

3. Licensee Actions On Previous Enforcement Matters

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. General

Both units operated at power throughout the reporting period.

The NRR project manager visited the site during this inspection period. Site visitors also included two members of an NRR team that will evaluate Unit 1 design for control room habitability later this summer.

6. Operational Safety Verification

The inspector observed control room operations, reviewed applicable logs and conducted discussions with control room operators during the report period. The inspector verified the operability of selected emergency systems reviewed tagout records and verified proper return to service of affected components. Tours of the reactor, auxiliary and turbine buildings were conducted to observe plant equipment conditions, including potential fire hazards, fluid leaks, and excessive vibrations and to verify that maintenance requests had been initiated for equipment in need of maintenance. The inspector, by observation and direct interview, verified that the physical security plan was being implemented in accordance with the station security plan.

No violations or deviations were identified in this area.

7. Maintenance Observation

Station maintenance activities of selected safety-related systems and components were observed/reviewed to ascertain that they were conducted in accordance with requirements. The following items were considered during this review: the limiting conditions for operations (LCO) were met, activities were accomplished using procedures, functional testing and/or calibrations were performed prior to returning components or systems to service; quality control records were maintained; activities were accomplished by qualified personnel; parts and materials used were properly certified; and radiological controls were implemented as required. Work requests were reviewed to determine status of outstanding jobs and to assure that priority is assigned to safety-related equipment maintenance which may affect system performance.

Major maintenance jobs personally observed during the inspection period included the replacement of the soak-back pump on the 1B1 diesel generator and flow testing of a reactor coolant pump seal.

No violations or deviations were identified in this area.

8. Surveillance Observation

During the inspection period, the inspector verified plant operations in compliance with at least sixteen different Technical Specifications (TS) requirements. Typical of these were confirmation of compliance with the TS for reactor coolant chemistry, refueling water tank containment pressure, control room ventilation and AC and DC electrical sources. The inspector verified that testing was performed in accordance with adequate procedures, test instrumentation was calibrated, LCO were met, removal and restoration of the affected components were accomplished, tests results met requirements

and were reviewed by personnel other than the individual directing the test, and that any deficiencies identified during the testing were properly reviewed and resolved by appropriate management personnel.

Surveillance personally observed during the inspection period included the Emergency Diesel Generator Periodic Test on both Unit 1 and Unit 2 diesel generators and Unit 2 reactor Protection System Periodic Test.

No violations or deviations were identified in this area.

9. Followup on Regional Request

The inspector reviewed a licensee request for an amendment to Unit 1 TS and forwarded comments to NRC Region II as requested.