



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

Report No. 50-389/82-24

Licensee: Florida Power and Light Company
9250 West Flagler Street
Miami, FL 33152

Facility Name: St. Lucie

Docket No. 50-389

License No. CPPR-144

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

Inspectors: A. B. Ruff 6-15-82
A. B. Ruff Date Signed

N. Merriweather 6-15-82
N. Merriweather Date Signed

Approved by: T. E. Conlon 6-15-82
T. E. Conlon, Section Chief Date Signed
Engineering Inspection Branch
Division of Engineering and Technical Programs

SUMMARY

Inspection on May 25-28, 1982

Areas Inspected

This routine, unannounced inspection involved 46 inspector-hours on site in the areas of electrical (components and systems) review of quality records; electrical (cables and terminations) observation of work and work activities; instrumentation (components and systems) observation of work, work activities, and review of quality records; and licensee identified items.

Results

Of the areas inspected, no violations or deviations were identified.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *B. J. Escue, Site Manager
- *P. Carrier, Engineer, Power Plant Engineering
- *E. W. Sherman, QA Engineer
- *J. L. Parker, Project QC Supervisor

Other Organizations

- *J. C. Orlowski, Combustion Engineering Representative
- NRC Resident Inspector
- *H. E. Bibb
- *Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 28, 1982, with those persons indicated in paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Electrical (Components and Systems I) - Review of Quality Records (51055B)

The inspectors selected two QA Audits, QAC-PSL 2-81-13 and QAC-PSL 2-82-07, to assure that required audits were performed and that corrective action was taken, including nonrecurrence actions.

The qualification records for four QA personnel were reviewed. The records were current and established the qualification for their duties.

Within the areas examined, there were no violations or deviations identified.

6. Electrical (Components and Systems II) - Review of Quality Records (51056B)

The installation inspection records for the boric acid makeup pump motor 2A and 2B, charging pump motor 2C, containment fan 2HVS1A, vital AC instrument

panel MB, power panel 238, 125V DC bus panel 2AB, and motor operated valves V3614, V3624, and FCV-3301 were examined. The records confirmed that specified components were installed, required inspections were performed and required protection was provided after installation.

Within the areas examined, there were no violations or deviations identified.

7. Electrical (Cables and Terminations I) - Observation of Work and Work Activities (51063B)

The inspectors selected two control cables, 21504B-SA, and 21507B-SB, for examination to assure that the SAR commitments were complied with in the areas of storage, handling, identification, issue control, nonconformance control, material as specified, QC and work procedures, installation as specified, location, routing, physical separation and protection, raceway identification, raceway loading, termination, and nondestructive tests.

Within the areas examined, there were no violations or deviations identified.

8. Electrical (Cables and Terminations I) - Review of Quality Records (51065B)

The inspectors examined two QA audits associated with electric cable installation (QAC-PSL 2/81-01, cable termination and splicing, and QAC-PSL 2/81-10, cable pulling and raceway installation) to assure that required audits were performed and that corrective action was taken, including nonrecurrence actions.

Within the areas examined, there were no violations or deviations identified.

9. Instrumentation (Components and Systems II) - Observation of Work and Work Activities, and Review of Quality Records (52054B and 52056B)

The inspector selected instruments, LT-1105, PT-1107, FT-3332, and PT-3307, for examination. These transmitters and their associated records were examined to assure that SAR commitments were complied with in the areas of receipt inspection, material certification, storage, protection, identification, installation inspection, and calibration.

Within the areas examined, there were no violations or deviations identified.

10. Licensee Identified Items

(Closed) LII 50-389/81-07, Broken studs on relay mechanical interlock arm. On November 24, 1981, FP&L notified Region II of this possible 50.55(e) item. An interim report was submitted on December 23, 1981. FP&L in their letter of February 26, 1982, states that followup engineering evaluation

dispositioned this item as not reportable by 10 CFR 50.55(e) criteria. The inspectors held discussions with responsible licensee representatives, reviewed supporting documentation and observed representative samples of work concerning this item and agrees with the licensee's disposition. This item is being corrected.