



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

Report No. 50-389/82-06

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

Facility Name: St. Lucie

Docket No. 50-389

License No. CPPR-144

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

Inspector: *R L Fiedler*
 R. L. Fiedler

6-14-82

Date Signed

Approved by: *Francis Jape*
 F. Jape, Section Chief
 Engineering Inspection Branch
 Division of Engineering and Technical Programs

6/14/82

Date Signed

SUMMARY

Inspection on May 21-26, 1982

Areas Inspected

This routine, unannounced inspection involved 43 inspector-hours on site in the areas of followup on previous inspector findings and witnessing the reactor coolant system hydrostatic test.

Results

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

REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *B. J. Escue, Site Manager
- *C. M. Wethy, Plant Manager
- *G. J. Boissy, Startup Superintendent
- *N. G. Roos, QC Supervisor
- *H. S. Ruff, QC
- *N. Weems, QA
- *J. L. Parker, PQCS
- R. E. Dawson, Startup Lead Mechanical Engineer
- W. S. Windecker, Planning and Scheduling Supervisor
- L. Cornman, Startup
- D. Stewart, Startup

Other licensee employees contacted included construction craftsmen, technicians, and operators.

NRC Resident Inspector

- *S. A. Elrod
- *H. E. Bibb

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on May 26, 1982, with those persons indicated in paragraph 1 above. The licensee acknowledged the findings and made no comment.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Followup on Previously Identified Items

- a. (Closed) IFI 389/81-17-02 - Method to coordinate the conduct of testing such as a shift test supervisor located at a central location such as the control room. During the performance of the hydrostatic pressure test of the reactor coolant system the inspector observed that a shift test supervisor was assigned and located in the control room to coordinate testing. This item is closed.

- b. (Closed) IFI 389/81-17-04 - Documenting satisfactory completion of required retesting on Field Discrepancy Report (FDR). The Unit 2 system re-entry request form has been revised to include provisions for documenting completion of retest requirements. A review of currently completed FDRs shows that the retesting performed is documented in the comments section of the FDR form. This item is closed.
- c. (Closed) IFI 389/81-17-05 - Administrative procedures do not specify that revisions to procedures and the results of procedures be reviewed by the same persons which reviewed and approved the original procedure when possible. Even though this is a recommended practice there is no requirement for this action. This item is closed.
- d. (Closed) IFI 389/81-17-07 - Members which make up the Preoperational Test Review Group (PTRG) or their required qualifications are not described in the FSAR. Amendment 9 to Section 14.2.3 of the FSAR describes the makeup of the PTRG and the qualifications of the members. This item is closed.
- e. (Closed) IFI 389/81-17-08 - Participation by the NSSS vendor and architect-engineer in reviewing appropriate preoperational test procedures and test results. Amendment 9 to Section 14.2.2.3 of the FSAR adequately addressed this concern. The inspector also verified that vendors do participate in both the review of procedures and the review of test results. This item is closed.
- f. (Closed) IFI 389/81-23-02 - Periodic training in the area of administrative controls, for personnel involved in the test program. A review of the current training records of the Startup Group shows that test personnel have been receiving periodic training in the startup program. This item is closed.

6. Witnessing Reactor Coolant System Hydrostatic Test

The inspector observed portions of the following preoperational tests:

- a. Hydrostatic Pressure Test of the Reactor Coolant System and High Pressure Portions of Associated Systems 2-0120080, Revision 1.
- b. Reactor Coolant Pump Initial Run 2-0120094, Revision 0

The above tests were observed by the inspector to verify the following:

- a. That an approved procedure of the appropriate revision was available and in use by all test personnel.
- b. That test prerequisites were met.
- c. That special test equipment required by the procedure was calibrated and in service.

- d. That the test procedure was being followed.
- e. That changes to the procedure were documented and approved as required.
- f. That communications were established as required.
- g. That RT-NDT limitations were complied with.
- h. That reactor coolant system water samples were taken and analyzed as required and that chemistry specifications were met.
- i. That representatives of quality assurance monitored the conduct of the test.
- j. That personnel involved with the test were knowledgeable of the test requirements and status.
- k. That personnel from the Power Operations Group (future Unit 2 licensed operators) participated in the test.

The conduct of the test appeared satisfactory and there were no violations or deviations identified.