



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

Report No. 50-389/82-33

Licensee: Florida Power and Light Company  
P. O. Box 529100  
Miami, FL 33152

Facility Name: St. Lucie Unit 2

Docket No. 50-389

License No. CPPR-144

Inspection at St. Lucie site near Fort Pierce, Florida

Inspector: \_\_\_\_\_

*for* P. A. Taylor

*Frank Jape*

*8/3/82*

Date Signed

Approved by: \_\_\_\_\_

F. Jape, Section Chief

Engineering Inspection Branch

Division of Engineering and Technical Programs

*Frank Jape*

*8/3/82*

Date Signed

SUMMARY

Inspection on July 19-23, 1982

Areas Inspected

This routine, unannounced inspection involved 30 inspector-hours on site in the areas of preoperational test procedure review; preoperational test witnessing; technical specification review and preoperational test procedure verification.

Results

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

## REPORT DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*C. M. Wethy, Plant Manager, Unit 1
- \*G. J. Boissy, Startup Superintendent
- \*R. E. Dawson, Lead Mechanical Engineer
- \*G. E. Grace, Coordinator Licensing
- \*W. S. Windecker, Planning and Scheduling Supervisor
- N. Motley, Mechanical Startup Engineer
- D. Oliver, Mechanical Startup Engineer

\*Attended exit interview

### 2. Exit Interview

The inspection scope and findings were summarized on July 23, 1982, with those persons indicated in paragraph 1 above. Licensee management acknowledged the inspection findings without significant comment.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Preoperational Test Procedure Review (70303)

The inspector reviewed the following preoperational test procedures:

- 2-0120089, Rev. 0 - Pressurizer Safety Valve Test
- 2-0210081, Rev. 0 - CVCS Functional Test
- 2-0420080, Rev. 0 - Containment Spray Full Flow Test
- 2-2200081, Rev. 0 - Automatic Starting and Sequencing of 2A Diesel Generator
- 2-2200084, Rev. 0 - Automatic Starting and Sequencing of 2B Diesel Generator

These procedures were reviewed to verify that they were consistent with FSAR Chapter 14 and Regulatory Guide 1.68 commitments and that the procedures contained the required committee reviews, management approval, specified format, precautions, and acceptance criteria.

Within the areas inspected no violations or deviations were identified.

6. Preoperational Test Witnessing (70312)

The inspector observed the bench testing of pressurizer safety valve V1202. The purpose of the test was to verify that the safety valve lift pressure and seat tightness were as delineated in vendor specification and the FSAR. The inspector verified that the test was conducted using an approved procedure (2-0120089) and independently verified the acceptability of the results.

Within the areas inspected no violations or deviations were identified.

7. Technical Specification Review (71301)

The inspector attended portions of the meetings being held to review St. Lucie Unit 2 Technical Specifications. NRR presided over these meetings which were attended by representatives from the licensee, Combustion Engineering and EBASCO. The inspector reviewed a sampling of the Technical Specification to determine the clarity of Limiting Conditions of Operations (LCO) including applicable action statements, Surveillance Requirements and Administrative Controls.

The inspector's finding within the areas reviewed were satisfactory.

8. Preoperational Test Procedure Verification (70311)

The inspector reviewed licensee test schedule and planning documents, preoperational test procedures to verify that testing is being planned and test procedures are being issued and approved to support the licensee's commitment for the preoperational test program as described in the FSAR, Chapter 14. The inspector noted that test procedures have been written for the majority of those tests that are described in the FSAR Chapter 14. The inspector will continue to review other sections of the FSAR, FSAR Questions/Answers and the Safety Evaluation Report to ensure that testing is planned and the scope of the testing is consistent with regulatory guidance and licensee commitments.

Within the areas inspected no violations or deviations were identified.