



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

NOV - 9 1979

Report No. 50-389/79-19

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

Facility Name: St. Lucie, Unit 2

Docket No. 50-389

License No. CPPR-144

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

Inspector: T. E. Burdette 11/5/79  
Date Signed

Approved by: J. C. Bryant 11/5/79  
Date Signed  
J. C. Bryant, Section Chief, RC&ES Branch

SUMMARY

Inspection on October 22-25, 1979

Areas Inspected

This routine, unannounced inspection involved 28 inspector-hours onsite in the areas of licensee action on previous inspection findings; independent inspection of construction activities; inspector follow-up items; inspector certifications; Inspection and Enforcement bulletins; and Inspection and Enforcement circulars.

Results

Of the six areas inspected, no items of noncompliance or deviation were identified.

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

- \*B. J. Escue, Site Manager
- \*N. T. Weems, Assistant QA Manager, Construction
- \*J. R. Behres, Supervisor
- \*E. W. Sherman, QA Engineer
- \*D. R. Cooper, QA Engineer

Other licensee employees contacted included construction craftsmen, inspection personnel, quality assurance personnel, and office personnel.

#### Other Organizations

- \*W. J. Taylor, EBASCO
- \*H. T. Powers, EBASCO

### 2. Exit Interview

The inspection scope and findings were summarized on October 24, 1979 with those persons indicated in Paragraph 1 above.

### 3. Licensee Action on Previous Inspection Findings

(Closed) Infraction (389/79-09-01): Failure to follow document control procedures. The licensee responded to this infraction in a letter to RII dated July 31, 1979. The licensee reported actions to avoid further non-compliance and to provide assurance of correct construction during the period of July, 1977 to present. The inspector selected safety related drawings on stick files in the reactor auxiliary building and reactor building to assure proper drawings revisions and changes were in the field. Records in the document issue area indicated that field drawings were being controlled in accordance with the licensee's procedures. The inspector was also informed by document control personnel of recent improvements in the drawing control area and of periodic checks to assure correct drawing revisions and changes in the field. This item is closed.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Inspector Follow-up Items

- a. (Open) Inspector Follow-up Item (289/79-12-01): NAMCO limit switches. The licensee has identified procured components having NAMCO limit switches. Internal correspondence has been generated to assure that

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NAMCO switches meet QA requirements. The licensee has requested EBASCO to verify that NAMCO switches meet the required qualifications. This item will remain open pending completion of licensee actions in this area.

- b. (Closed) Inspector Follow-up Item (389/79-12-02): Weld rod control. The inspector observed that weld rod oven temperatures are maintained within procedure requirements of SQP-8. The current procedure is being used by weld rod issue personnel. This item is closed.

#### 6. Independent Inspection

- a. In the reactor building and reactor auxiliary building the inspector observed installation of mechanical penetrations, electrical hanger and pipe restraint welding, and safety injection system pipe welding.
- b. The inspector reviewed rigging and housekeeping procedures and observed construction practices with regard to rigging and housekeeping. In the area of rigging, the inspector noted several instances in the RAB pipe tunnel where safety injection system pipe and component cooling pipe were being installed and were being supported by installed piping. The inspector questioned the licensee on this practice and on the procedure limitations (SQP-47) on supporting pipe with installed piping.

In the area of housekeeping, the inspector observed safety injection (SI) system piping stored in the ECCS pit area. Considerable debris including drink cans, trash, grinding dust and dirt and also construction tools, material, and equipment, were observed in the ECCS pit area along with the stored pipe. In discussions with the Licensee, the Site Manager informed the inspector that appropriate action will be taken to correct the housekeeping and rigging practices. Pending further review by the licensee, this item will be identified as an inspector follow-up item 389/79-19-01, Construction housekeeping and rigging practices.

No items of noncompliance or deviations were identified

#### 7. Inspector Certifications

The controlling procedures for magnetic particle inspector certification and receipt inspector certification are CPL:QI 2.1, CPL:QI 2.7, and CPL:QI 9.4. The inspector reviewed the procedures and selected completed inspection records to determine if certified inspectors performed inspections in the areas of receipt inspection and magnetic particle inspection. Specifically, the inspector selected magnetic particle inspection records for component cooling piping and deficiency report records for receipt inspection. A

review of certification records in the QA records vault revealed that inspectors were certified to perform the inspections indicated on the inspection records.

No items of noncompliance or deviations were identified.

8. Inspection and Enforcement Bulletins (IEB's)

(Open) IEB 79-15: Deep Draft Pump Deficiencies. On September 10, 1979 the licensee provided a response to this bulletin in a letter to RII. This bulletin will remain open pending further review by RII and IE Headquarters.

9. Inspection and Enforcement Circulars (IEC's)

The inspector held discussions with responsible site personnel to ensure that the following circulars were received, reviewed, evaluated, and had appropriate action:

- a. (Closed) IEC 79-17: Contact Problem in SB-12 Switches on General Electric Company Metal Clad Circuit Breakers
- b. (Closed) IEC 79-18: Proper Installation of Target Rock Safety-Relief Valves
- c. (Closed) IEC 79-19: Loose Locking Devices on Ingersoll-Rand Pumps
- d. (Closed) IEC 79-20: Failure of GTE Sylvania Relay, Type PM Bulletin 7305, Catalog 5U12-11-AC With A 120V AC Coil

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