



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

Report No. 50-389/79-05.

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

Facility Name: St. Lucie 2

Docket No. 50-389

License No. CPPR-144

Inspection at St. Lucie Site near Fort Pierce, Florida

Inspector: R. M. Compton for 4/11/79
L. Modenos Date Signed

Approved by: R. M. Compton for 4/11/79
J. C. Bryant, Section Chief, RC&ES Branch Date Signed

Accompanying Personnel: T. E. Conlon

SUMMARY

Inspection on March 27-29, 1979

Areas Inspected

This routine unannounced inspection involved 20 inspector hours onsite in the areas of containment steel structures, safety related components, and safety related structures outside containment.

Results

Of the three areas inspected, no apparent items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Licensee Employees

- *B. J. Escue, Site Manager
- *W. Hayward, QA Site Supervisor
- *J. W. Adams, QA Engineer
- *B. M. Parks, QA Engineer
- *E. Sherman, QA Engineer

Other licensee employees contacted included construction craftsmen, QC inspectors and QA personnel.

Other Organizations

- J. Baysinger, Process Control Specialist, Ebasco
- L. Shapiro, Lead Mechanical Engineer, Ebasco
- R. Martin, Lead Support and Stress Engineer, Ebasco

*Attended Exit Interview

2. Exit Interview

The inspection scope and findings were summarized on March 29, 1979, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

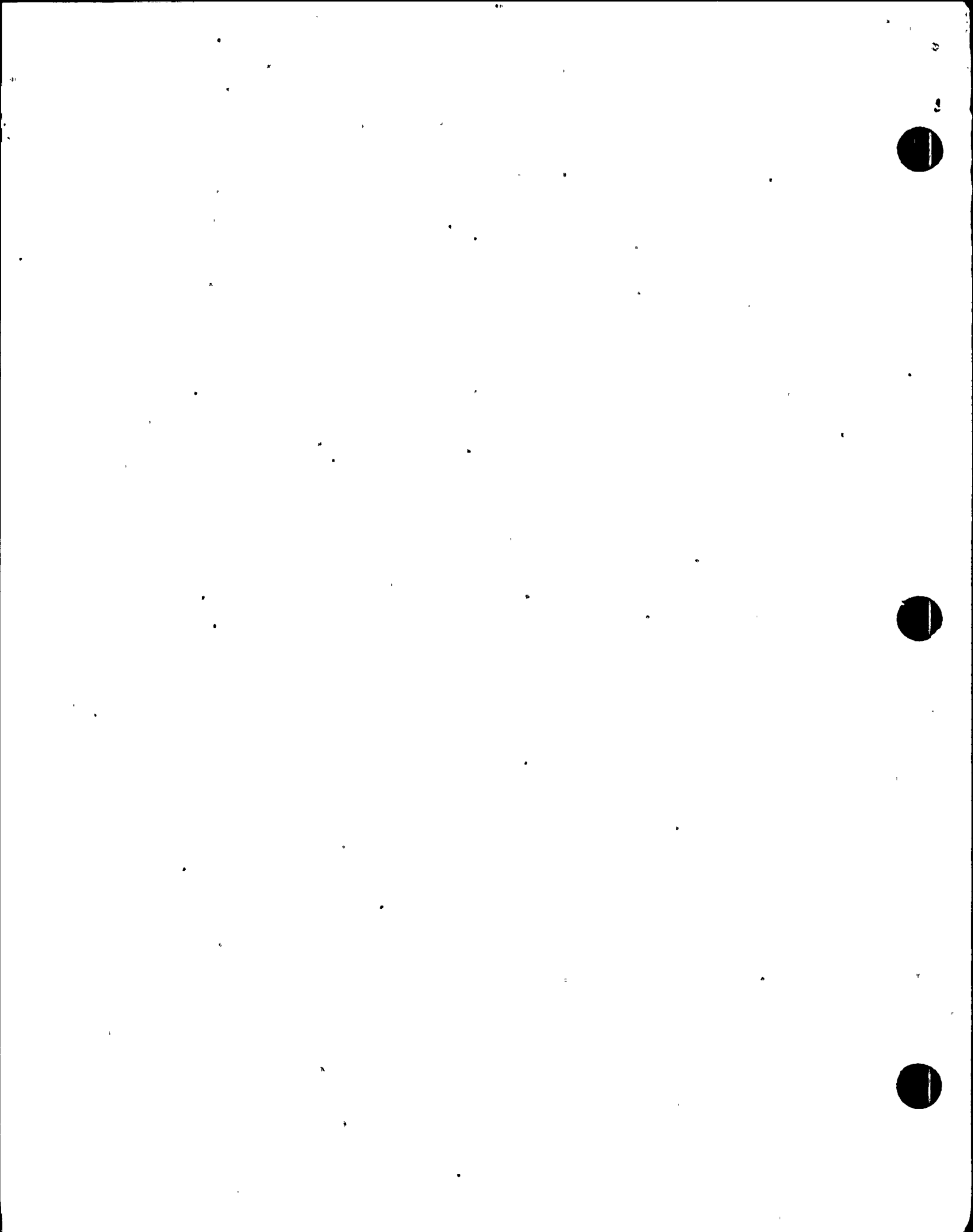
4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Independent Inspection

This effort included inspection of the progress of the containment, the progress of installation of mechanical components in the auxiliary building, containment penetration storage and miscellaneous pipe supports storage area.

The inspector reviewed the following documents, and discussed with Ebasco personnel their methods used for analyzing 2 inch diameter pipe and smaller for class 2 & 3 and non-nuclear systems.



- a. Ebasco's "Seismic Protection of Class "I" Piping Systems" dated 11-20-78
- b. Ebasco's "2 Inch & Under Piping - Scope of Analysis & Documents" dated 11-2-78

The inspector reviewed the following procedures on expansion anchor bolts.

- a. FPL Procedure No. CSP-3 Rev. 0 Draft, "Installation of Expansion Anchor Bolts"
- b. Ebasco Specification No. FLO-2998.469, "Drilled In Expansion Type Anchors in Concrete"

It was noted that the procedures were in draft form and the inspector commented that a more clear and better control of QC inspection on installation of expansion anchors was required. The FPL QA personnel acknowledged these comments.

No items of noncompliance or deviations were identified.

6. Safety Related Components - Review of Quality Assurance Implementing of Work and Work Activities

Specific activities associated with safety related components in particular, receipt inspections, storage, surveillance during storage, cleanliness preservation and identification were reviewed to assure that these activities meet applicable requirements.

The following documents were reviewed:

- a. FPL Administrative Site Procedure ASP-17, Rev. 1, titled "Preventive Maintenance"
- b. FPL Quality Instruction Manual QI 7.1, Rev. 2, titled "Instructions for Receiving Inspection of Seismic or Safety Related Material"
- c. FPL Administrative Site Procedure ASP-3, Rev. 2, titled "Material Control"
- d. Material Receiving Report (MRR) and Receipt Inspection Report (RIR) for:
 - (1) Shutdown Cooling Heat Exchanger

RIR R-77-419
MRR 04200

(2) Reactor Drain Pump

RIR R-78-531
MRR 08812

(3) Safety Injection Pumps 2A and 2B

RIR No. R-78-669
MRR 09876
RIR R-78-504
MRR 09496

No items of noncompliance or deviations were identified.

7. Safety Related Structures (Structural Steel & Supports) - Review of Quality Assurance Implementing Procedures and Observation of Work and Work Activities

The following procedures and drawings were examined and used to evaluate receipt inspection, installation, location and use of specified materials for the main steam trestle structure, a safety related structure outside the reactor coolant pressure boundary:

- a. FPL Procedure QI 7.1 (referenced earlier)
- b. Ebasco Drawing 2998-G-489, Rev. 3
- c. Ebasco Drawing 2998-G-838, Rev. 1
- d. Lakeside Bridge & Steel Company 9132-4B, Rev. 4
- e. Lakeside Bridge & Steel Company 9132-905, Rev. 2
- f. MRR-1908 & RIR No. R-78-824

No items of noncompliance or deviations were identified.

8. Containment (Steel Structure and Supports) - Observation of Work and Work Activities, and Review of Quality Records

The containment skin plates S11, S17 and S19 were inspected in their storage locations. Material test reports and receiving inspection reports were reviewed for conformance with approved procedures and were observed to be adequate.

The heating and ventilating support embeds P3-1, P3-3 and P6-2 in the reactor primary shield and refueling cavity were verified for proper location by Ebasco Drawing Nos. 2998-G-529 and 2998-G-530. Material test reports and receiving inspection reports were reviewed for conformance with approved procedures and were observed to be adequate.

No items of noncompliance or deviations were identified.

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