



FF

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

MAR 12 1979

In Reply Refer To:  
RII:GTG  
50-335/79-5

Florida Power and Light Company  
ATTN: Dr. R. E. Uhrig, Vice President  
Advanced Systems and Technology  
P. O. Box 529100  
Miami, Florida 33152

Gentlemen:

This refers to the inspection conducted by G. T. Gibson of this office on January 29-30, 1979, of activities authorized by NRC License No. DPR-67 for the St. Lucie Unit 1 facility, and to the discussion of our findings held with R. R. Jennings at the conclusion of the inspection.

Areas examined during the inspection and our findings are discussed in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this inspection, no items of noncompliance were disclosed.

In accordance with Section 2.790 of the NRC's "Rules of Practice", Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must include a full statement of the reasons on the basis of which it is claimed that the information is proprietary, and should be prepared so that proprietary information identified in the application is contained in a separate part of the document. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

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MAR 12 1979

Florida Power and Light Company

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Should you have any questions concerning this letter, we will be glad to discuss them with you.

Sincerely,



Jack T. Sutherland, Chief  
Fuel Facility and Materials  
Safety Branch

Enclosure:

Inspection Report No. 50-335/79-5

cc w/encl:

Mr. C. M. Wethy, Plant Manager

St. Lucie Plant

P. O. Box 128

Ft. Pierce, Florida 33450

Mr. Nat Weems, Assistant QA Manager

P. O. Box 128

Ft. Pierce, Florida 33450



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Report No.: 50-335/79-5

Licensee: Florida Power & Light Company  
Advanced Systems and Technology  
P. O. Box 529100  
Miami, Florida 33152

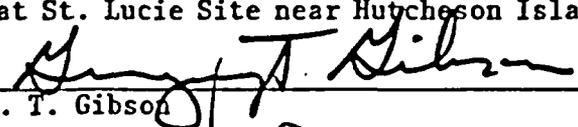
Facility Name: St. Lucie, Unit 1

Docket No.: 50-335

License No.: DPR-67

Inspection at St. Lucie Site near Hutchinson Island, Florida

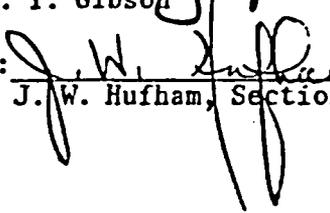
Inspector:

  
G. T. Gibson

3-5-79

Date Signed

Approved by:

  
J. W. Hufham, Section Chief, FF&MS Branch

3/8/79

Date Signed

SUMMARY

Inspection on January 29-30, 1979

Areas Inspected

This routine, unannounced inspection involved 9 inspector hours on site and 2 hours off-site in the areas of confirmatory measurements including: examination of laboratory radiochemical equipment and instrumentation; review of laboratory quality control and quality assurance records; and a collection of confirmatory measurements samples for future comparison of their analytical results.

Results

Of the 3 areas inspected, no apparent items of noncompliance or deviations were identified.

## DETAILS

### 1. Persons Contacted

#### Licensee Employees

C. Wethy, Plant Manager  
R. Jennings, Technical Supervisor  
J. Barrow, Operations Superintendent  
\*N. Roos, QA Engineer  
\*A. Bailey, Quality Assurance Supervisor  
R. Frechett, Chemistry Supervisor

\*Attended exit interview.

### 2. Exit Interview

The inspection scope and findings were summarized on January 30, 1979 with those persons indicated in Paragraph 1 above. The inspector summarized the scope of the inspection and the findings.

### 3. Licensee Action on Previous Inspection Findings

Not inspected.

### 4. Unresolved Items

Unresolved items were not identified during this inspection.

### 5. Radiochemistry Procedures

The inspector review the licensee's radiochemistry program, and discussed with licensee personnel the implementation of the radiochemistry and reactor coolant chemistry analysis programs. The inspector noted the licensee's procedures were approved and reviewed as per Technical Specification 6.8.1.

### 6. Radiochemistry Equipment and Instrumentation

The inspector examined the licensee's chemistry and radiochemistry laboratory, including instrumentation and equipment. The inspector noted the licensee has initiated appropriate quality control programs to assure proper instrument calibration. The inspector examined calibration records for 1978 for selected instruments.

7. Analytical Measurements

- a. The inspector examined all liquid waste release documentation regarding gamma spectroscopy records for the months of November and December 1978. The inspector observed that the analyses and analytical sensitivity limits of Technical Specification 2.4.2 were met for the records reviewed. The inspector had no further questions regarding this item at this time.
- b. The inspector observed that the licensee has initiated appropriate methods for the calculation of the selected nuclides, when the nuclide is undetected but the sensitivity of the measurement is above prescribed limits of Technical Specifications 2.4.2 and 2.2.2. Previous items 335-77-07-02 and 335-77-07-01 are considered closed.

8. Quality Assurance

The inspector discussed with licensee personnel the quality assurance audits conducted since the last inspection in 1977. The inspector was unable to review audit results which are performed by FP&L headquarters personnel. Therefore, this item will be examined during a subsequent inspection. (335-79-5-01)

9. Confirmatory Measurements

The inspector collected actual plant waste gas, liquid waste tank, building particulate filter, and charcoal adsorber effluent samples for confirmatory measurements. These samples were forwarded to the NRC reference laboratory in Idaho Falls, Idaho. The results of these analyses will be compared with the licensee's results of these samples, during a subsequent inspection. (335-79-05-02)