

December 27 1994

Mr. J. H. Goldberg  
President - Nuclear Division  
Florida Power and Light Company  
P.O. Box 14000  
Juno Beach, Florida 33408-0420

Distribution  
See next page

SUBJECT: ST. LUCIE UNIT 2 - ISSUANCE OF AMENDMENTS RE: INDEPENDENT SAFETY  
REVIEW GROUP (TAC NO. M87842)

The Commission has issued the enclosed Amendment No. 69 to Facility Operating License No. NPF-16 for the St. Lucie Plant, Unit No. 2. This amendment consists of changes to the Technical Specifications in response to your application dated September 23, 1993 and augmented July 25, 1994.

This amendment will make changes to Technical Specification 6.2.3, Independent Safety Engineering group. The change maintains the requirement to perform independent technical reviews while providing increased flexibility to accomplish this function.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notice.

Sincerely,  
(Original Signed By)

Jan A. Norris, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket No. 50-389

Enclosure:

- 1. Amendment No. 69 to NPF-16
- 2. Safety Evaluation

cc w/enclosures:  
See next page

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|--------|-----------------------|-----------|------------------|------------|--|
| OFFICE | LA:PDII-2             | PM:PDII-2 | AD:PDII-2        | OGC        |  |
| NAME   | Dunnington <i>ETD</i> | JNorris   | <i>M. H. ...</i> | <i>...</i> |  |
| DATE   | 12/13/94              | 12/13/94  | 12/13/94         | 12/15/94   |  |
| COPY   | Yes/No                | Yes/No    | Yes/No           | Yes/No     |  |

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St. Lucie Plant

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DATED: December 22, 1994

AMENDMENT NO. 69 TO FACILITY OPERATING LICENSE NO. NPF-16 - ST. LUCIE, UNIT 2

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PUBLIC

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

FLORIDA POWER & LIGHT COMPANY

ORLANDO UTILITIES COMMISSION OF

THE CITY OF ORLANDO, FLORIDA

AND

FLORIDA MUNICIPAL POWER AGENCY

DOCKET NO. 50-389

ST. LUCIE PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 69  
License No. NPF-16

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power & Light Company, et al. (the licensee), dated September 23, 1993, and augmented July 25, 1994, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. NPF-16 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and by amending paragraph 2.C.2 to read as follows:

2. Technical Specifications

- The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 69, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Mohan C. Thadani, Acting Director  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: December 22, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 69

TO FACILITY OPERATING LICENSE NO. NPF-16

DOCKET NO. 50-389

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Remove Pages

6-6

6-12

6-12a

Insert Pages

6-6

6-12

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6.2.3 SHIFT TECHNICAL ADVISOR

The Shift Technical Advisor function is to provide on shift advisory technical support in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit.

6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI/ANS-3.1-1978, except for the (1) Health Physics Supervisor who

## ADMINISTRATIVE CONTROLS

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### REVIEW

6.5.2.7 The CNRB shall review:

- a. The safety evaluations for (1) changes to procedures, equipment, or systems and (2) tests or experiments completed under the provision of Section 50.59, 10 CFR, to verify that such actions did not constitute an unreviewed safety question.
- b. Proposed changes to procedures, equipment, or systems which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- c. Proposed tests or experiments which involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- d. Proposed changes to Technical Specifications or this Operating License.
- e. Violations of codes, regulations, orders, Technical Specifications, license requirements, or of internal procedures or instructions having nuclear safety significance.
- f. Significant operating abnormalities or deviations from normal and expected performance of unit equipment that affect nuclear safety.
- g. ALL REPORTABLE EVENTS.
- h. All recognized indications of an unanticipated deficiency in some aspect of design or operation of structures, systems, or components that could affect nuclear safety.
- i. Reports and meetings minutes of the Facility Review Group.

### AUDITS

6.5.2.8 Audits of unit activities shall be performed under the cognizance of the CNRB. These audits shall encompass:

- a. The conformance of unit operation to provisions contained within the Technical Specifications and applicable license conditions at least once per 12 months.
- b. The performance, training and qualifications of the entire unit staff at least once per 12 months.
- c. The results of actions taken to correct deficiencies occurring in unit equipment, structures, systems, or method of operation that affect nuclear safety at least once per 6 months.

## ADMINISTRATIVE CONTROLS

### AUDITS (Continued)

- d. The performance of activities required by the Quality Assurance Program to meet the criteria of Appendix B, 10 CFR Part 50, at least once per 24 months.
- e. Any other area of unit operation considered appropriate by the CNRB or the President - Nuclear Division.
- f. The fire protection programmatic controls including the implementing procedures at least once per 24 months by qualified licensee QA personnel.
- g. The fire protection equipment and program implementation at least once per 12 months utilizing either a qualified offsite licensee fire protection engineer or an outside independent fire protection consultant. An outside independent fire protection consultant shall be used at least every third year.
- h. The radiological environmental monitoring program and the results thereof at least once per 12 months.
- i. The OFFSITE DOSE CALCULATION MANUAL and implementing procedures at least once per 24 months.
- j. The PROCESS CONTROL PROGRAM and implementing procedures for dewatering of radioactive bead resin at least once per 24 months.

### TECHNICAL REVIEW RESPONSIBILITIES

6.5.2.9 The technical review responsibilities under the cognizance of the CNRB shall encompass:

- a. Plant operating characteristics, NRC issuances, industry advisories, Licensee Event Reports and other sources that may indicate areas for improving plant safety:
- b. Plant operations, modifications, maintenance, and surveillance to verify independently that these activities are performed safely and correctly and that human errors are reduced as much as practical;
- c. Internal and external operational experience information that may indicate areas for improving plant safety; and
- d. Making detailed recommendations through the Chairman - CNRB for revising procedures, equipment modifications or other means of improving nuclear safety and plant reliability.

### AUTHORITY

6.5.2.10 The CNRB shall report to and advise the President - Nuclear Division on those areas of responsibility specified in Specifications 6.5.2.7, 6.5.2.8, and 6.5.2.9.

**RECORDS**

**6.5.2.11 Records of CNRB activities shall be prepared, approved, and distributed as indicated below:**

- a. Minutes of each CNRB meeting shall be prepared, approved, and forwarded to the President - Nuclear Division within 14 days following each meeting.**
- b. Reports of reviews encompassed by Specification 6.5.2.7 above shall be prepared, approved, and forwarded to the President - Nuclear Division within 14 days following completion of the review.**
- c. Audit reports encompassed by Specification 6.5.2.8 above shall be forwarded to the President - Nuclear Division and to the management positions responsible for the areas audited within 30 days after completion of the audit by the auditing organization.**
- d. Technical reviews encompassed by Specification 6.5.2.9 above shall be prepared, maintained and a report of the activities forwarded each calendar month to the Chairman, CNRB.**



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 69

TO FACILITY OPERATING LICENSE NO. NPF-16

FLORIDA POWER AND LIGHT COMPANY, ET AL.

ST. LUCIE PLANT, UNIT NO. 2

DOCKET NO. 50-389

1.0 INTRODUCTION

In August 1993, NRC published the "NRC's Regulatory Review Group Report." This report found the current TS concerning the Independent Safety Engineering Group (ISEG) inflexible and provided adoption of the Revised Standard Technical Specifications as a solution. Specifically, Volume 3, Appendix A states, "...the composition of ISEG provides little flexibility. However, a Technical Specification change can be submitted adopting the Improved Standard Technical Specification approach; that would provide considerable flexibility in the implementation of this requirement." The report concluded, "The Improved Standard Technical Specifications permit the ISEG function to be performed under the review and audit program. This permits more flexible methods of performing the ISEG function (i.e., by a standing committee or by assigning qualified individuals capable of conducting these reviews and audits)."

By letter dated September 23, 1993, and augmented by letter dated July 25, 1994, Florida Power & Light Company (FPL) requested changes to the Technical Specifications (TS) for the St. Lucie Unit 2 facility. Specifically, FPL proposed to (a) delete TS 6.2.3 "Independent Safety Engineering Group, (ISEG)" (b) add TS 6.5.2.9 "Technical Review Responsibility," and (c) add TS 6.5.2.11.d "Technical Review Records." The July 25, 1994 letter clarified the original request, but did not make any changes to it.

2.0 DISCUSSION

The existing St. Lucie TS 6.2.3 has five sections: 6.2.3.1 Function, 6.2.3.2 Composition, 6.2.3.3 Responsibilities, 6.2.3.4 Authority, and 6.2.3.5 Records.

The Licensee proposes to retain and transfer the Function section to the proposed TS 6.5.2.9.a. This would transfer the ISEG function to the Quality Assurance (QA) Department. Appropriate controls, such as organizational reporting and implementing procedures, are in place to ensure the independence of this function and to ensure recommendations regarding nuclear safety improvements are properly dispositioned.

The Responsibilities Section is maintained and transferred to the proposed TS 6.5.2.9.b and c.

The Authority Section is maintained and transferred to the proposed TS 6.5.2.9.d.

The Records Section is maintained and transferred to the proposed TS 6.5.2.11.d.

The Licensee proposes to delete the Composition Section since the function of the present ISEG organization would be transferred to the QA organization. This transfer would result in better utilization of the available technical talent and provide greater flexibility for performance of the required reviews. An analysis of the current arrangement showed considerable overlap in the reviews conducted by these groups. Guidelines for the conduct of technical reviews will be provided in Quality Instructions and assignments for the reviews will be based on both technical and audit expertise within the QA staff. Personnel assigned to the technical reviews will meet the qualifications of ANSI/ANS 3.1 - 1078 as stated in TS 6.3.1. In addition, the St. Lucie Plant QA organization contains several individuals with previous ISEG experience.

The proposed changes are consistent with the recommendations contained in the NRC's Regulatory Review Group Report, Volume 3, Appendix A; dated August, 1993. In addition, the proposed changes are also consistent with the guidance of NUREG-1432, "Standard Specifications for Combustion Engineering Plants."

### 3.0 TECHNICAL FINDINGS

Based on the above consideration, the staff concludes that the proposed changes are acceptable.

### 4.0 STATE CONSULTATION

Based upon the written notice of the proposed amendments, the Florida State official had no comments.

### 5.0 ENVIRONMENTAL CONSIDERATION

This amendment relates to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

### 6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such

activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

**Principal Contributor:** J. Norris

**Date:** December 22, 1994