

JUN 13 1980

Docket No. 50-335

Dr. Robert E. Uhrig  
 Vice President  
 Florida Power & Light Company  
 Advanced Systems & Technology  
 P. O. Box 529100  
 Miami, Florida 33152

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Dear Dr. Uhrig:

The Commission has issued the enclosed Amendment No. 35 to Facility Operating License No. DPR-67 for the St. Lucie Plant, Unit No. 1 in response to your telephone request of May 5, 1980, as confirmed by your application dated May 5, 1980. The amendment was issued orally by telephone on May 5, 1980, and was effective on that date.

The Amendment modifies Technical Specification 4.7.1.2 to allow the St. Lucie Plant, Unit No. 1, to proceed from Mode 4 to Mode 3 to allow steam turbine driven Auxiliary Feedwater pump surveillance to be postponed in operating Mode 3 instead of Mode 4.

Copies of the Safety Evaluation and Notice of Issuance are also enclosed.

Sincerely,

Robert A. Clark, Chief  
 Operating Reactors Branch No. 3  
 Division of Licensing

Enclosures:

1. Amendment No. 35
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:  
 See next page

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*for notice & Amendment only*  
*WDD 6/4/80*  
*CP*  
*SD*

OFFICE	ORB#3/DL	ORB#3/DL	ORB#3/DL	QELD	AD/ORB/DL	ORB#3/DL
SURNAME	CNelson/bjd	PKreutzer	RCClark	Olustead	TNovak	RCClark
DATE	5/29/80	5/29/80	5/29/80	6/12/80	6/2	1/2



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

Docket No. 50-335

JUN 13 1980

Docketing and Service Section  
Office of the Secretary of the Commission

SUBJECT: ST. LUCIE NUCLEAR PLANT

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 12 ) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Amendment No. 35  
Referenced documents have been provided PDR

Division of Licensing, ORB#3  
Office of Nuclear Reactor Regulation

Enclosure:  
As Stated

OFFICE →	ORB#3/DL					
SURNAME →	<i>PK</i> P. Kreutzer/bd					
DATE →	6/17/80					



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

June 13, 1980

Docket No. 50-335

Dr. Robert E. Uhrig  
Vice President  
Florida Power & Light Company  
Advanced Systems & Technology  
P. O. Box 529100  
Miami, Florida 33152


Dear Dr. Uhrig:

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Sincerely,

  
Robert A. Clark, Chief  
Operating Reactors Branch No. 3  
Division of Licensing

Enclosures:

1. Amendment No. 35
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:  
See next page

Florida Power & Light Company

cc:

Robert Lowenstein, Esquire  
Lowenstein, Newman, Reis & Axelrad  
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Norman A. Coll, Esquire  
McCarthy, Steel, Hector & Davis  
14th Floor, First National Bank Building  
Miami, Florida 33131

Indian River Junior College Library  
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Fort Pierce, Florida 33450

Administrator  
Department of Environmental Regulation  
Power Plant Siting Section  
State of Florida  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Mr. Weldon B. Lewis  
County Administrator  
St. Lucie County  
2300 Virginia Avenue, Room 104  
Fort Pierce, Florida 33450

Director, Technical Assessment  
Division  
Office of Radiation Programs  
(AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall #2  
Arlington, Virginia 20460

U.S. Environmental Protection Agency  
Region IV Office  
ATTN: EIS COORDINATOR  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

Mr. Charles B. Brinkman  
Manager - Washington Nuclear Operations.  
C-E Power Systems  
Combustion Engineering, Inc.  
4853 Cordell Avenue, Suite A-1  
Bethesda, Maryland 20014

Mr. Jack Shreve  
Office of the Public Counsel  
Room 4, Holland Bldg.  
Tallahassee, Florida 32304

cc w/enclosure(s) and incoming  
dtd.:

Bureau of Intergovernmental  
Relations  
660 Apalachee Parkway  
Tallahassee, Florida 32304



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

FLORIDA POWER & LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 35  
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power and Light Company dated May 5, 1980, 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.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-67 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 35, 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 May 5, 1980.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: June 13, 1980

ATTACHMENT TO LICENSE AMENDMENT NO. 35  
FACILITY OPERATING LICENSE NO. DPR-67  
DOCKET NO. 50-335

Revise Appendix A as follows:

Remove page

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Insert page

3/4 7-4

ST. LUCIE - UNIT 1

3/4 7-3

TABLE 4.7-1

STEAM LINE SAFETY VALVES PER LOOP

	<u>VALVE NUMBER</u>		<u>LIFT SETTING (<math>\pm 1\%</math>)</u>	<u>ORIFICE SIZE</u>
	<u>Header A</u>	<u>Header B</u>		
a.	8201	8205	1000 psia	16 in. <sup>2</sup>
b.	8202	8206	1000 psia	16 in. <sup>2</sup>
c.	8203	8207	1000 psia	16 in. <sup>2</sup>
d.	8204	8208	1000 psia	16 in. <sup>2</sup>
e.	8209	8213	1040 psia	16 in. <sup>2</sup>
f.	8210	8214	1040 psia	16 in. <sup>2</sup>
g.	8211	8215	1040 psia	16 in. <sup>2</sup>
h.	8212	8216	1040 psia	16 in. <sup>2</sup>





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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 35 TO

FACILITY OPERATING LICENSE NO. DPR-67

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE, UNIT NO. 1

DOCKET NO. 50-335

Introduction

At about 6:00 p.m. on May 5, 1980, Florida Power and Light Company (FPL) telephoned the Operating Reactor Project Manager and requested a change to Technical Specification 4.7.1.2 to allow the St. Lucie Unit No. 1 Plant to proceed from Mode 4 to Mode 3. This change would allow steam turbine driven Auxiliary Feedwater (AFW) pump surveillance to be performed in operating Mode 3 (hot standby - reactor shutdown - average coolant temperature greater than 325°F) instead of Mode 4 (hot shutdown - reactor shutdown - average coolant temperature 200°F to 325°F). FPL also submitted a letter dated May 5, 1980 requesting this change.

Evaluation

Technical Specification 4.7.1.2.a.2.(b) requires verification every 31 days that the steam turbine driven AFW pump develops a discharge pressure of >1342 psig on recirculation flow. The AFW pumps must be operable in Modes 1, 2, and 3. Prior to entry into Mode 3, while in Mode 4, there is not adequate steam via the Main Steam System to run the turbine driven pump for this surveillance, as may be required by Technical Specification 4.0.4. Previously FPL used a now degraded auxiliary boiler to perform this surveillance. FPL has proposed to add a footnote stating that when the plant is not in Modes 1, 2, or 3, surveillance shall be performed within 24 hours after entering Mode 3 and prior to entering Mode 2.

Since the steam turbine driven AFW pump is not designed to be operable during Mode 4 operating conditions, it is necessary to be in at least Mode 3 to perform this surveillance. Furthermore the two 50% capacity electric driven AFW pumps must be operable when proceeding from Mode 4 to Mode 3, per Technical Specifications 3.0.4 and 4.0.4, providing assurance that the plant can be cooled back down to 325°F once in Mode 3.

Based on the above, we have found the licensee's proposed change acceptable. Telephoned authorization for the proposed change was given on May 5, 1980 and confirmed by letter from the Assistant Director for Operating Reactors, Division of Licensing, dated May 5, 1980.

#### Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types of total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

#### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-335FLORIDA POWER AND LIGHT COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITYOPERATING LICENSE

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 35 to Facility Operating License No. DPR-67, issued to Florida Power and Light Company, which revised Technical Specifications for operation of the St. Lucie Plant, Unit No. 1 (the facility) located in St. Lucie County, Florida. The amendment is effective May 5, 1980.

The amendment modifies Technical Specification 4.7.1.2 to allow the St. Lucie Plant, Unit No. 1, to proceed from Mode 4 to Mode 3 to allow steam turbine driven Auxiliary Feedwater pump surveillance to be postponed in operating Mode 3 instead of Mode 4.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

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The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the formal application for amendment dated May 5, 1980, (2) Amendment No. 35 to License No. DPR-67, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. and at the Indian River Community College Library, 3209 Virginia Avenue, Ft. Pierce, Florida. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 13th day of June.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert A. Clark, Chief  
Operating Reactors Branch No. 3  
Division of Licensing