

DISTRIBUTION:

Docket file  
NRC PDR TBAbernathy  
L PDR JRBuchanan  
ORB#2 Rdg *EW*  
VStello  
KRGoller/TJCarter  
RDiggs  
RSilver  
Attorney, OELD  
OI&E (5)  
BJones (4)  
BScharf (10)  
JMcGough  
BHarless  
DEisenhut  
ACRS (16)  
OPA (Clare Miles)  
DRoss

Docket No.: 50-335

FEB 16 1977

Florida Power & Light Company  
ATTN: Dr. Robert E. Uhrig  
Vice President  
Nuclear and General Engineering  
P. O. Box 013100  
Miami, Florida 33101

Gentlemen:

The Commission has issued the enclosed Amendment No. 12 to Facility License No. DPR-67 for the St. Lucie Plant Unit No. 1. The amendment consists of a revision in Enclosure 1 to License No. DPR-67 in response to your request dated October 29, 1976 (L-76-376).

The amendment deletes Section J of Enclosure 1 to the license which required repair or replacement of Control Element Drive Mechanism 44 at the next reactor shutdown which would be expected to last at least two weeks. The requirement of Section J has been completed to the satisfaction of the Commission and therefore is no longer relevant.

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

Sincerely,

Respectfully,

Richard D. Silver  
Dennis L. Ziemann, Chief for  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosures:

- 1. Amendment No. 12 to License No. DPR-67
- 2. Safety Evaluation
- 3. Notice

cc w/enclosures: See next page

*E.K. - Subject to p. 1 addition to p. 1 of the F.R. Notice (as shown in yellow copy).*

*R*

OFFICE	ORB#2: DOR	ORB#2: DOR	OELD	ORB#2: DOR		
SURNAME	RDiggs	RSilver:rm	KEJCHEN	DZiemann for		
DATE	1/21/77	1/21/77	1/23/77	2/16/77		

FEB 16 1977

cc w/enclosures:

Jack R. Newman, Esquire  
Lowenstein, Newman, Reis & Axelrad  
1025 Connecticut Avenue, N. W.  
Washington, D. C. 20036

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

Indian River Junior College Library  
3209 Virginia Avenue  
Ft. Pierce, Florida 33450

Chief, Energy Systems Analyses  
Branch (AW-459)  
Office of Radiation Programs  
U. S. Environmental Protection Agency  
Room 645, East Tower  
401 M Street, S. W.  
Washington, D. C. 20460

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

Weldon B. Lewis  
County Administrator  
St. Lucie County  
P. O. Box 700  
Ft. Pierce, Florida 33450

cc w/enclosures and cy of FP&L  
filing dtd. 10/29/76:  
Bureau of Intergovernmental  
Relations  
660 Apalachee Parkway  
Tallahassee, Florida 32304

Hamilton Oven, Jr., Administrator  
Department of Environmental  
Regulation  
Power Plant Siting Section  
State of Florida  
Montgomery Building  
2562 Executive Center Circle, E.  
Tallahassee, Florida 32301

FLORIDA POWER & LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 12  
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by the Florida Power & Light Company (the licensee) dated October 29, 1976, 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.

OFFICE ➤						
SURNAME ➤						
DATE ➤						

2. Accordingly, the license is hereby amended to delete Section J of Enclosure 1 to the license in its entirety.
3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

*Richard D. Silver* for  
Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Date of Issuance: FEB 16 1977

OFFICE >						
SURNAME >						
DATE >						



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 12 TO LICENSE NO. DPR-67

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

INTRODUCTION

By letter dated October 29, 1976 (L-76-376), Florida Power & Light Company (FPL) requested an amendment to Facility License No. DPR-67 for the St. Lucie Plant Unit No. 1. The amendment would delete in its entirety, Section J of Enclosure 1 which requires repair or replacement of a Control Element Drive Mechanism (CEDM) 44 at the next reactor shutdown which would be expected to last at least two weeks.

DISCUSSION

Section A of Enclosure 1 to License No. DPR-67 had required performance of appropriate cold control rod drop time tests prior to achieving criticality at St. Lucie Unit No. 1. The test procedure specified that the two control rods with the fastest drop times be tested several times at various flow conditions. In the course of performing those tests, FPL experienced difficulty in withdrawing the second fastest rod, that controlled by Control Element Drive Mechanism (CEDM) 44. In response to FPL's request of April 16, 1976, we issued Amendment No. 4 to License DPR-67 which allowed FPL to operate without completing multiple low temperature rod drop time tests with CEDM 44. Amendment No. 4 deleted the license authorization to bring the reactor critical at low temperature and required, by the addition of Section J of Enclosure 1, that CEDM 44 be repaired or replaced at the next extended reactor shutdown expected to last at least two weeks.

Our Office of Inspection and Enforcement has verified that CEDM 44 has been replaced and the replacement CEDM has been successfully tested. Therefore, since the requirements of Section J have been satisfactorily completed and are no longer relevant, Section J should be removed from the license.

#### ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or 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.

Date: February 16, 1977

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-335

FLORIDA POWER & LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 12 to Facility Operating License No. DPR-67, issued to Florida Power & Light Company (the licensee), which revised Enclosure 1 of the license for operation of the St. Lucie Plant Unit No. 1 (the facility) located in St. Lucie County, Florida. The amendment is effective as of its date of issuance.

The amendment deleted a provision of Enclosure 1 that required repair or replacement of Control Element Drive Mechanism 44 at the next reactor shutdown which would be expected to last at least two weeks. This requirement has been completed to the satisfaction of the Commission and therefore is no longer relevant.

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.

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 application for amendment dated October 29, 1976, (2) Amendment No. 12 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 Junior College Library, 3209 Virginia Avenue, Ft. Pierce, Florida 33450. A single 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 Operating Reactors.

Dated at Bethesda, Maryland, this 16<sup>th</sup> day of February, 1977.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

*Richard D. Silver*

Richard D. Silver, Acting Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

OFFICE >						
SURNAME >						
DATE >						

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-335

FLORIDA POWER & LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No.      to Facility Operating License No. DPR-67, issued to Florida Power & Light Company (the licensee), which revised Enclosure 1 of the license for operation of the St. Lucie Plant Unit No. 1 (the facility) located in St. Lucie County, Florida. The amendment is effective as of its date of issuance.

The amendment deleted a provision of Enclosure 1 that required repair or replacement of Control Element Drive Mechanism 44 at the next reactor shutdown which would be expected to last at least two weeks. This requirement has been completed to the satisfaction of the Commission and therefore is no longer relevant.

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.

*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.*

OFFICE ➤

SURNAME ➤

DATE ➤