

Docket No. 50-335

AUG 31 1976

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

Gentlemen:

The Commission has issued the enclosed Amendment No. 8 to Facility License No. DPR-67 for the St. Lucie Plant Unit No. 1. The amendment consists of a revision to License No. DPR-67 in response to your requests dated July 28, August 10, and August 25, 1976.

The amendment (1) revises the listing of documents which constitutes the Commission-approved physical security plan, (2) deletes Section E of Enclosure 1 to the license which identifies actions related to hurricane erosion protection and physical security to be completed to the satisfaction of the Commission by August 31, 1976, and (3) deletes Section H of Enclosure 1 to the license which identifies actions to be completed to the satisfaction of the Commission prior to transfer of spent fuel to the fuel handling building. The requirements of Sections E and H of Enclosure 1 have been completed to the satisfaction of the Commission and you are therefore authorized to operate in accordance with the conditions of the license, as amended, including the conditions of paragraphs C, D, F, G, I, J, K and L of Enclosure 1 to the license.

Copies of the related Safety Evaluation and the Federal Register Notice also are enclosed.

Sincerely,

Original Signed by:
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

I informed FPL on 9/1/76 that this amendment was issued. R Silver 9/1/76

Enclosures:

- Amendment No. 8 to License No. DPR-67
- Safety Evaluation

cleared w/ Skello's office 9/1/76

~~DOR:AD/OT
DGEisenhut
8/1/76~~

OFFICE >	Notice	DOR:ORB #2 RDSilver:ah	DOR:ORB #2 RMDiggs op	OELD Tourtelotte	DOR:ORB #2 DLZiemann	DOR:AD/ORS KRGoller
SURNAME >	enclosures:					
DATE >	See next page	8/30/76	8/30/76	8/31/76	8/3/76	8/1/76

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- OI&E (5)
- BJones (4)
- BScharf (10)
- JMcGough
- JSaltzman, AIG
- ACRS (16)
- OPA (CMiles)
- VStello

DEisenhut
TBABeranthy
JRBuchanan

~~DRoss~~

AUG 31 1976

cc w/enclosures:

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

Dr. Neill Thomasson (AW-459) (2)
Chief, Energy Systems Analysis
Branch
Office of Radiation Programs
Environmental Protection Agency
401 M Street S. W.
Washington, D. C. 20460

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

Mr. John L. McQuigg
P. O. Box 1408
Stuart, Florida 33494

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

Mr. Weldon B. Lewis
County Administrator
St. Lucie County
Post Office Box 700
Ft. Pierce, Florida 33450

Mr. Bruce Blanchard
Environmental Projects Review
Department of the Interior
Room 5321
18th and C Streets, N. W.
Washington, D. C. 20240

cc w/enclosures and cy of FP&L's
filings dtd. 7/28/76, 8/10/76
and 8/25/76:

Mr. Ed Maroney
Bureau of Intergovernmental Relations
725 South Bronough Street
Tallahassee, Florida 33450

Mr. Shepard M. Moore, Region IV
Environmental Protection Agency
1421 Peachtree Street, N. E.
Suite 300
Atlanta, Georgia 30390

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FLORIDA POWER & LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 8
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The applications for amendment by Florida Power & Light Company (the licensee) dated July 28, August 10 and August 25, 1976, comply 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 hereby amended as follows:

A. Revise the second paragraph of Section 2.D of the license to read:

"Revision No. 4 dated February 12, 1976 submitted by a letter from the licensee dated February 9, 1976, including the exceptions listed in the enclosure to the letter, Revision No. 5 dated February 25, 1976 submitted by a letter from the licensee dated February 25, 1976, Revision No. 6 dated June 29, 1976 submitted by a letter from the licensee dated July 28, 1976 and Revision No. 7 dated August 25, 1976 submitted by a letter from the licensee dated August 25, 1976."

B. Delete Section E of Enclosure 1 to the license in its entirety.

C. Delete Section H 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

Original Signed by:
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Date of Issuance: AUG 31 1976

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 8 TO LICENSE NO. DPR-67

FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

INTRODUCTION

By letters dated July 28, August 10 and August 25, 1976 Florida Power & Light Company (FPL) requested an amendment to Facility License No. DPR-67 for the St. Lucie Plant Unit No. 1.

The amendment request would (1) revise the listing of documents which constitutes the Commission-approved physical security plan, (2) delete Section E of Enclosure 1 to the license which identifies actions related to hurricane erosion protection and physical security to be completed to the satisfaction of the Commission by August 31, 1976, and (3) delete Section H of Enclosure 1 to the license which identifies actions to be completed to the satisfaction of the Commission prior to transfer of spent fuel to the fuel handling building.

DISCUSSION

Our Supplement No. 2 to the Safety Evaluation of the St. Lucie Plant Unit No. 1, dated March 1, 1976, had concluded that FPL's plans to provide protection by June 1976 from erosion caused from a postulated stalled hurricane were acceptable. The requirement that the installation of the erosion protection be completed by June 30, 1976, was incorporated in the license. The Commission's Office of Inspection and Enforcement had verified that the erosion protection was installed prior to June 30, 1976. However, by FPL letter of June 22, 1976, the licensee described changes made to the original design of the sheet pile erosion protection that had been approved by the staff. Therefore we required by Amendment No. 6 that the licensee provide the bases to demonstrate that the modified design would be acceptable. By FPL letter L-76-276 dated July 28, 1976 the licensee provided the requested information. The applicant considered frontal attack from waves coming from both the ocean and Indian River. Littoral drift produced by waves originating from the ocean was also considered. In Supplement No. 2 we stated that the applicant estimated a maximum wave height of 8.9 feet (nonbreaking), and a maximum differential static water level of 9.9 feet across the barrier dam. The sheet pile bulkhead along the barrier dam, at an elevation of +16 feet MLW, will minimize the impact of frontal wave attack and serve to tie the

groins together. The groins, with top elevations varying from +15 to +11 feet MLW, are expected to trap littoral drift and minimize the effects of erosion on the barrier wall. Our review indicates that the modified sheet pile design is equivalent to the original design evaluated by the staff. Therefore, because the modified design will provide protection from erosion due to wave attack, and will trap littoral drift, it is acceptable.

By letters dated June 3 and June 25, 1976, FPL committed to making revisions to the security plan as requested in our letter to FPL of April 30, 1976. Amendment No. 6 to the license required that the implementation of the commitments and revisions to security plan identified in the FPL letters of June 3 and June 25, 1976, be implemented to our satisfaction by August 31, 1976. By letters dated July 28 and August 25, 1976, FPL submitted Revision Nos. 6 and 7 to the physical security plan. We have evaluated the revisions and have concluded that they are responsive to our letter of April 30, 1976 and to Amendment No. 6 and are acceptable.

Section H of Enclosure 1 to the license states that "prior to transfer of spent fuel to the fuel handling building, the fuel handling building charcoal filters shall be installed to the satisfaction of the Commission." Our Office of Inspection and Enforcement verified that the requirements of Section H were satisfactorily completed and by letter of August 9, 1976 we confirmed FPL's authorization to transfer spent fuel to the fuel handling building. Therefore, Section H is no longer relevant and 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 changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do 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: August 31, 1976

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. 8 to Facility Operating License No. DPR-67, issued to Florida Power & Light Company (the licensee), which revised 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 (1) revises the listing of documents which constitutes the Commission-approved physical security plan, (2) deletes Section E of Enclosure 1 to the license which identifies actions related to hurricane erosion protection and physical security to be completed to the satisfaction of the Commission by August 31, 1976, and (3) deletes Section H of Enclosure 1 to the license which identifies actions to be completed to the satisfaction of the Commission prior to transfer of spent fuel to the fuel handling building.

The applications for the amendment comply 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, negative declaration or 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 applications for amendment dated July 28, August 10, and August 25, 1976, (2) Amendment No. 8 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 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 AUG 31 1976

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by:
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 8 TO LICENSE NO. DPR-67

FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

INTRODUCTION

By letters dated July 28, August 10 and August 25, 1976 Florida Power & Light Company (FPL) requested an amendment to Facility License No. DPR-67 for the St. Lucie Plant Unit No. 1.

The amendment request would (1) revise the listing of documents which constitutes the Commission-approved physical security plan, (2) delete Section E of Enclosure 1 to the license which identifies actions related to hurricane erosion protection and physical security to be completed to the satisfaction of the Commission by August 31, 1976, and (3) delete Section H of Enclosure 1 to the license which identifies actions to be completed to the satisfaction of the Commission prior to transfer of spent fuel to the fuel handling building.

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In Supplement
No. 2



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 8 TO LICENSE NO. DPR-67

FLORIDA POWER & LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

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because the modified design, review indicates that the modified sheet pile design is equivalent to the original design evaluated by the staff, and therefore, will provide protection from erosion due to wave attack and will trap littoral drift, it is therefore acceptable.