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Dockets Nos. 50-250 and 50-251

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

Gentlemen:

The Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. DPR-31 and Amendment No. 17 to Facility Operating License No. DPR-41 for the Turkey Point Nuclear Generating Units Nos. 3 and 4. The amendments consists of changes to the Technical Specifications in response to your application dated April 8, 1976, as revised by letter dated May 20, 1976.

These amendments add minimum frequencies for testing the operability of the interlock system which limits movement of the spent fuel shipping cask crane. In the interim period until the interlock system is installed, these amendments add augmented procedures which fulfill the same function as the interlock system.

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

Sincerely,

George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Enclosures:

1. Amendment No. 18 to License DPR-31
2. Amendment No. 17 to License DPR-41
3. Safety Evaluation
4. Federal Register Notice

OFFICE >	ORB#3	ORB#3	OELD	ORB#3		
SURNAME >	CParrish	DElliott:acr		GLear		
DATE >	6/1/76	6/1/76	6/1/76	6/1/76	6/1/76	6/1/76

cc:

Mr. Jack R. Newman, Esquire  
Lowenstein, Newman, Reis & Axelrad  
1025 Connecticut Avenue, N. W.  
Suite 1214  
Washington, D. C. 20036

Environmental & Urban Affairs Library  
Florida International University  
Miami, Florida 33199

Mr. Ed Maroney  
Bureau of Intergovernmental Relations  
725 South Bronough Street  
Tallahassee, Florida 32304

Mr. Norman A. Coll, Esquire  
Steel, Hector and Davis  
S. E. First National Bank Building  
Miami, Florida 33131



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT NUCLEAR GENERATING UNIT NO. 3

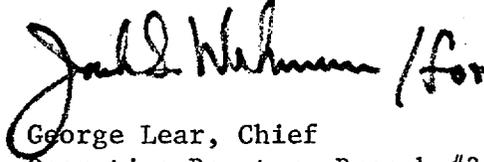
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 18  
License No. DPR-31

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power and Light Company (the licensee) dated April 8, 1976, as revised by letter dated May 20, 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; and
  - 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.
  - 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, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "George Lear", followed by a slash and the word "for".

George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance: July 9, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 18

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-31

DOCKET NO. 50-250

Replace Table 4.1-2 continued with the attached revised page

MINIMUM FREQUENCIES FOR EQUIPMENT AND SAMPLING TESTS

11.	Reactor Coolant System Leakage	Evaluate	Daily	NA
12.	Diesel Fuel Supply	Fuel inventory.	Weekly	10
13.	Spent Fuel Pit	Boron Concentration	Prior to refueling	NA
14.	Secondary Coolant	I-131 Concentration	Weekly * (Not required when reactor is in cold shutdown condition)	10
15.	Vent Gas & Particulates	I-131 & Particulate Activity	Weekly *	10
16.	Fire Protection Pump & Power Supply	Operable	Monthly	45
17.	Turbine Stop and Control Valves, Reheater Stop and Intercept Valves	Closure	Monthly (Not required during shutdown)	45
18.	LP Turbine Rotor Inspection (w/o rotor disassembly)	V, MT, PT	Every 5 Years	6 Years
19.	Spent Fuel** Cask Crane Interlocks	Functioning	Within 7 days of using crane to lift spent fuel cask	7 days when crane is being used to maneuver spent fuel cask

\* When activity exceed 10% of specification, frequency shall be changed to daily

\*\* In the interim period until the spent fuel cask crane interlocks are installed (installation is to be completed no later than June 1977) the following controls shall be used to prevent movement of the cask over spent fuel:

1. Indexing of the crane and trolley will be implemented.
2. Once properly positioned, the respective crane bridge and trolley drives will be de-energized as appropriate.
3. In addition, a mechanical bumper will be installed to limit trolley travel in the westward direction, such that movement of the spent fuel shipping cask over spent fuel is prevented.



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT NUCLEAR GENERATING UNIT NO. 4

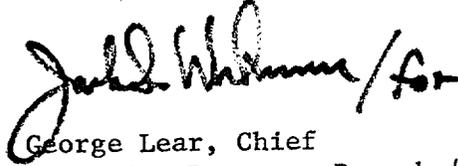
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 17  
License No. DPR-41

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Florida Power and Light Company (the licensee) dated April 8, 1976, as revised by letter dated May 20, 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; and
  - 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.
  - 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, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "George Lear" with a stylized flourish at the end.

George Lear, Chief  
Operating Reactors Branch #3  
Division of Operating Reactors

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance: July 9, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 17

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-41

DOCKET NO. 50-251

Replace Table 4.1-2 continued with the attached revised page.

MINIMUM FREQUENCIES FOR EQUIPMENT AND SAMPLING TESTS

11.	Reactor Coolant System Leakage	Evaluate	Daily	NA
12.	Diesel Fuel Supply	Fuel inventory	Weekly	10
13.	Spent Fuel Pit	Boron Concentration	Prior to refueling	NA
14.	Secondary Coolant	I-131 Concentration	Weekly * (Not required when reactor is in cold shutdown condition)	10
15.	Vent Gas & Particulates	I-131 & Particulate Activity	Weekly *	10
16.	Fire Protection Pump & Power Supply	Operable	Monthly	45
17.	Turbine Stop and Control Valves, Reheater Stop and Intercept Valves	Closure	Monthly (Not required during shutdown)	45
18.	LP Turbine Rotor Inspection (w/o rotor disassembly)	V, MT, PT	Every 5 Years	6 Years
19.	Spent Fuel** Cask Crane Interlocks	Functioning	Within 7 days of using crane to lift spent fuel cask	7 days when crane is being used to maneuver spent fuel cask

\* When activity exceed 10% of specification, frequency shall be changed to daily

\*\* In the interim period until the spent fuel cask crane interlocks are installed (installation is to be completed no later than June 1977) the following controls shall be used to prevent movement of the cask over spent fuel:

1. Indexing of the crane and trolley will be implemented.
2. Once properly positioned, the respective crane bridge and trolley drives will be de-energized as appropriate.
3. In addition, a mechanical bumper will be installed to limit trolley travel in the westward direction, such that movement of the spent fuel shipping cask over spent fuel is prevented.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 18 TO LICENSE NO. DPR-31, AND

AMENDMENT NO. 17 TO LICENSE NO. DPR-41

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNITS NOS. 3 AND 4

DOCKETS NOS. 50-250 AND 50-251

Introduction

By letter dated April 8, 1976, Florida Power and Light Company (FPL) proposed changes to the Technical Specifications of Facility Operating Licenses Nos. DPR-31 and DPR-41 for Turkey Point Nuclear Generating Units Nos. 3 and 4. The FPL proposed changes would add minimum frequencies for testing the operability of the interlock system which limits movement of the spent fuel shipping cask crane. However, because FPL has experienced difficulties in installing the crane interlock system, FPL proposed by letter dated May 20, 1976, interim augmented operating procedures which would fulfill the same functions as the crane movement interlock system.

Discussion

The Technical Specifications for the Turkey Point Nuclear Generating Station prohibit movement of a spent fuel shipping cask over fuel assemblies stored in the spent fuel storage pool. To assure that this requirement would not be violated, FPL intends to install a shipping cask crane movement interlock system. This system would prevent movement of the spent fuel handling crane over stored fuel when the crane is used to handle a spent fuel shipping cask. To assure that the interlock system would function as desired, FPL proposed on April 8, 1976, surveillance specifications which would require testing of the interlock system prior to and during those periods when the crane is to be used to handle a spent fuel shipping cask. However, due to a longer than expected design period for the crane interlock system, and because FPL may wish to use the shipping cask handling crane prior to installation of the interlock system, FPL proposed augmented procedures, for inclusion in the Technical Specifications, to assure that the prohibition against cask movement over stored fuel will not be violated.

### Evaluation

We have evaluated the surveillance requirements for the spent fuel cask crane interlock system. We have concluded that the surveillance requirements meet current regulatory requirements and will give adequate assurance that the shipping cask crane movement interlock system, when installed, will function as desired. In addition we have determined that the augmented procedures being specified in the Technical Specifications will satisfy the intent of the interlock system during the interim period until the shipping cask crane movement interlock system is installed. Therefore, we have concluded that the interim augmented procedures will adequately assure that a spent fuel shipping cask will not be moved over stored spent fuel. We further conclude that the changes do not increase the probability or consequences of accidents previously considered and do not significantly decrease a safety margin. Moreover, we have concluded that the changes have been appropriately incorporated into the Technical Specifications and are acceptable.

### Environmental Consideration

We have determined that the amendments do 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 amendments involve an action which are insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental statement, negative declaration, or environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

### 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 these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: July 9, 1976

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKETS NOS. 50-250 AND 50-251

FLORIDA POWER AND LIGHT COMPANY

NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY  
OPERATING LICENSES

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments No. 18 and No. 17 to Facility Operating License Nos. DPR-31 and DPR-41, respectively, issued to Florida Power and Light Company which revised Technical Specifications for operation of the Turkey Point Nuclear Generating Units 3 and 4, located in Dade County, Florida. The amendments are effective as of the date of issuance.

The amendment will add minimum frequencies for testing the operability of the interlock system which limits movement of the spent fuel shipping cask crane. In the interim period until the interlock system is installed, these amendments add augmented procedures which fulfill the same function as the interlock system.

The application for the amendments 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 amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to

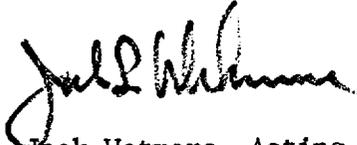
10 CFR §51.5(d)(4) an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of these amendments.

For further details with respect to this action, see (1) the application for amendments dated April 8, 1976, as revised by letter dated May 20, 1976, (2) Amendments Nos. 18 and 17 to License Nos. DPR-31 and DPR-41, 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 Environmental & Urban Affairs Library, Florida International University, Miami, Florida 33199.

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 9 day of July 1976

FOR THE NUCLEAR REGULATORY COMMISSION



Jack Wetmore, Acting Chief  
Operating Reactors Branch #3  
Division of Operating Reactors