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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:

In response to your request dated September 20, 1974, the Commission has issued the enclosed Amendments Nos. 15 and 14 to Facility Operating Licenses Nos. DPR-31 and DPR-41 for the Turkey Point Nuclear Generating Units 3 and 4.

The amendments consists of changes in the Technical Specifications that modify the surveillance requirements for the emergency containment cooling fans.

Please note that we have discontinued the use of separate identifying numbers for changes to technical specifications. Sequential amendment numbers will be continued as in the past.

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

Sincerely,

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

**Enclosures:**

1. Amendment No. 15 to DPR-31
2. Amendment No. 14 to DPR-41
3. Safety Evaluation
4. Federal Register Notice

**cc w/enclosures:**

See next page	ORB#3	ORB#3 DE	OELD	ORB#3		
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Florida Power & Light Company

- 2 -

cc:

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Suite 1214  
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Environmental & Urban Affairs Library  
Florida International University  
Miami, Florida 33199

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



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT NUCLEAR GENERATING UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 15  
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 September 20, 1974, 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. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.

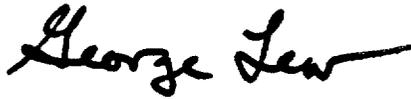
Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 3.B. of Facility Operating License No. DPR-31 is hereby amended to read as follows:

**"B. Technical Specifications**

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licenses shall operate the facility in accordance with the Technical Specifications, as revised".

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance: April 12, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 15

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-31

DOCKET NO. 50-250

Replace page 4.6-2 with the attached revised pages.

## 2. COMPONENT TESTS

### Pumps and Fans

The containment spray pumps and the Emergency Containment Cooling fans shall be started at intervals not greater than one (1) month.

Acceptable levels of performance shall be that the pumps reach their rated shut off heads, the fan motors reach their nominal operating current for the containment atmosphere during the test, and both operate for at least fifteen minutes.

### Valves

The systems motor operated isolation valves will be tested for operation during system tests.



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

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-251

TURKEY POINT NUCLEAR GENERATING UNIT 4

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 14  
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 September 20, 1974, 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. An environmental statement or negative declaration need not be prepared in connection with the issuance of this amendment.

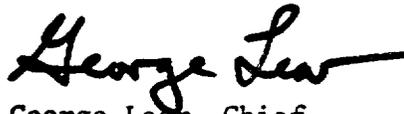
Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 3.B. of Facility Operating License No. DPR-41 is hereby amended to read as follows:

**"B. Technical Specifications**

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licenses shall operate the facility in accordance with the Technical Specifications, as revised".

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:  
Changes to the  
Technical Specifications

Date of Issuance: April 12, 1976

ATTACHMENT TO LICENSE AMENDMENT NO. 14

TO THE TECHNICAL SPECIFICATIONS

FACILITY OPERATING LICENSE NO. DPR-41

DOCKET NO. 50-251

Replace page 4.6-2 with the attached revised pages.

## 2. COMPONENT TESTS

### Pumps and Fans

The containment spray pumps and the Emergency Containment Cooling fans shall be started at intervals not greater than one (1) month.

Acceptable levels of performance shall be that the pumps reach their rated shut off heads, the fan motors reach their nominal operating current for the containment atmosphere during the test, and both operate for at least fifteen minutes.

### Valves

The systems motor operated isolation valves will be tested for operation during system tests.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 15 TO LICENSE NO. DPR-31, AND

AMENDMENT NO. 14 TO LICENSE NO. DPR-41

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT NUCLEAR GENERATING UNITS 3 AND 4

DOCKETS NOS. 50-250 AND 50-251

Introduction

By letter dated September 20, 1974, Florida Power and Light Company (FPL) proposed changes to the Technical Specifications of Facility Operating Licenses DPR-31 and DPR-41 for Turkey Point Nuclear Generating Units 3 and 4. FPL requested that the surveillance test conditions for the emergency containment cooling fans be modified to state that the tests are acceptable provided the electric current to the emergency containment cooling fans reaches its nominal operating value. The present Technical Specifications state that the current to the fan motor must reach its rated value for the test to be judged acceptable.

Discussion

The emergency containment cooling system is designed to remove sufficient heat from the reactor containment following a loss of coolant accident (LOCA) to maintain the containment pressure below its design value.

The emergency containment cooling system consists of an electric motor, fan, bare tube cooling coil, instrumentation and controls. During the pressure transient following a LOCA, two of the three fan cooling units are assumed to be operating.

The Turkey Point Technical Specifications require that the operability of the emergency containment cooling system fans be tested monthly by operating for at least 15 minutes. These monthly operational tests assure that the emergency containment cooling system fans will be available to provide their design functions when required.

FPL has proposed that the monthly operational tests for the emergency containment cooling system fans be judged acceptable provided the current to the fan motors reaches its nominal operating value. The present Technical Specifications state that the current must reach the motor's rated value

for the test to be judged acceptable. FPL requests this Technical Specification change because the rated current for the fan motor is in excess of the operating current by a significant margin. This margin is an intentional design consideration and its purpose is to assure that the fan motors operate, under nominal conditions, with a current draw less than the motor's rated current.

#### Evaluation

The proposed Technical Specification change has been evaluated by the NRC staff. We conclude that the present acceptability requirement that the emergency containment fan motors be loaded to their rated current is unobtainable and; therefore, meaningless. The fans are rated for ambient conditions following the Maximum Hypothetical Accident; and these conditions cannot be duplicated for the test. The test conditions provide much lower loads due to the lower temperatures and a lower moisture content in the atmosphere preventing the fan motors from reaching their rated current. The modified wording bases the performance of the fans on the containment atmosphere at the time of the test. Our evaluation of the proposed change included consideration of the fan motor rated current, the nominal operating current during the monthly test and the nominal current during accident conditions.

We conclude that the monthly operational test for the emergency containment fan motors, as required by the proposed Technical Specification change; (1) is consistent with recent NRC requirements, and (2) provides adequate assurance that the emergency containment cooling system fans will function when required. We further conclude that the proposed change does not increase the probability or consequences of accidents previously considered and does not significantly decrease a safety margin. Therefore, the proposed Technical Specification change is acceptable.

#### 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 statement, negative declaration, or 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.

Dated: April 12, 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 Nos. 15 and 14 to Facility Operating Licenses 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 amendments consists of changes in the Technical Specifications that modify the surveillance requirements for the emergency containment cooling fans.

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 is not required since the amendment does not involve a significant hazards consideration.

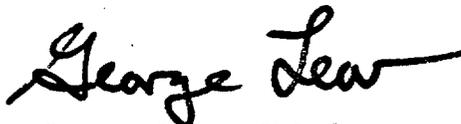
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental statement, negative declaration or environmental impact appraisal need not be prepared in connection with issuance of this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

For further details with respect to this action, see (1) the application for amendment dated September 20, 1974, (2) Amendments Nos. 15 and 14 to Licenses 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 12 day of April 1976.

FOR THE NUCLEAR REGULATORY COMMISSION



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