

Docket File  
50251



REGULATORY DOCKET FILE COPY  
UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 13, 1979

Docket Nos. 50-250  
and 50-251

Dr. Robert E. Uhrig, Vice President  
Advanced Systems and Technology  
Florida Power and Light Company  
Post Office Box 529100  
Miami, Florida 33152

Dear Dr. Uhrig:

The Commission has issued the enclosed Amendment No. 51 to Facility Operating License No. DPR-31 and Amendment No. 42 to Facility Operating License No. DPR-41 for the Turkey Point Nuclear Generating Unit Nos. 3 and 4, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated September 20, 1979. In addition a clerical error in Table 3.5-2 of the Technical Specifications in Amendment Nos. 48 and 40 dated May 4, 1979 is corrected.

These amendments delete the requirement that the screen wash system modifications be completed no later than November 1979.

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

Sincerely,

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

- 1. Amendment No. 51 to DPR-31
- 2. Amendment No. 42 to DPR-41
- 3. Safety Evaluation
- 4. Notice of Issuance

cc: w/enclosures  
See next page

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CCP  
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Robert E. Uhrig  
Florida Power and Light Company

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November 13, 1979

cc: Mr. Robert Lowenstein, Esquire  
Lowenstein, Newman, Reis and Axelrad  
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Washington, D. C. 20036

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

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

Mr. Norman A. Coll, Esquire  
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Miami, Florida 33131

Mr. Henry Yaeger, Plant Manager  
Turkey Point Plant  
Florida Power and Light Company  
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Honorable Dewey Knight  
County Manager of Metropolitan  
Dade County  
Miami, Florida 33130

Bureau of Intergovernmental Relations  
660 Apalachee Parkway  
Tallahassee, Florida 32304

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.W.  
Atlanta, Georgia 30308



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. 51  
License No. DPR-31

- I. 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, 1979, 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 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 through Amendment No. 51, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 13, 1979



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. 42  
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, 1979, 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.

2. Accordingly, the license is amended by changes 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 through Amendment No. 42, 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 the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: November 13, 1979

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 51 TO FACILITY OPERATING LICENSE NO. DPR-31

AMENDMENT NO. 42 TO FACILITY OPERATING LICENSE NO. DPR-41

DOCKET NOS. 50-250 AND 50-251

Revise Appendix A as follows:

Remove Pages

3.14-2  
Table 3.5-2

Insert Pages

3.14-2  
Table 3.5-2

TABLE 3.5-2

## ENGINEERED SAFETY FEATURES ACTUATION

NO.	FUNCTIONAL UNIT	1 MIN. OPERABLE CHANNELS	2 MIN. DEGREE OF REDUN- DANCY	3 OPERATOR ACTION IF CONDITIONS OF COLUMN 1 OR 2 CANNOT BE MET
1.	SAFETY INJECTION			
1.1	Manual	1	0	Cold Shutdown
1.2	High Containment Pressure	2	1	Cold Shutdown
1.3	High Differential Pressure between any Steam Line and the Steam Line Header	2	1	Cold Shutdown
1.4	Pressurizer Low Pressure*	2	1	Cold Shutdown
1.5	High Steam Flow in 2/3 Steam Lines with Low $T_{avg}$ or Low Steam Line Pressure	1/line in each of 2 lines	1	Cold Shutdown
2.	CONTAINMENT SPRAY			
2.1	High Containment Pressure and High-High Containment Pressure (Coincident)	2 per set	1/set	Cold Shutdown

\* - This signal may be manually bypassed, when the reactor is shut down and pressure is below 2000 psig

- b.1. With one pump and/or one water supply inoperable, restore the inoperable equipment to operable status within seven (7) days or prepare and submit a Report to the Commission pursuant to Specification 6.9.2.b.
- b.2. With one water supply below the minimum specified limit for one day connect the spool piece to make the screen wash pump available for fire water supply.\*
- c. With no Fire Protection Water System operable:
  - 1. Establish a backup fire protection water system within twenty-four (24) hours, and
  - 2. Submit a Report in accordance with Specification 6.9.2. a.

### 3. FIRE HOSE STATIONS

- a. Fire hose stations in the vicinity of safety related equipment shall be operable at all times when the safety related equipment in their area of protection is required to be operable; or within eight (8) hours, an equivalent capacity fire hose shall be run from an equivalent water source to the inoperable location.

### 4. PENETRATION FIRE BARRIERS

- a. All electrical penetration fire barriers protecting safety related equipment shall be functional when safety related equipment in the area is required to be operable; or within one (1) hour of the barrier being found not intact; a fire watch patrol shall inspect at least one side of the inoperable barrier at least once per hour, as operational conditions permit, until the affected penetration fire barrier is restored.

\*This specification becomes effective upon completion of the necessary modifications. These modifications to be completed no later than December 1980.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 51 TO FACILITY OPERATING LICENSE NO. DPR-31  
AND AMENDMENT NO. 42 TO FACILITY OPERATING LICENSE NO. DPR-41  
FLORIDA POWER AND LIGHT COMPANY  
TURKEY POINT NUCLEAR GENERATING, UNIT NOS. 3 AND 4  
DOCKET NOS. 50-250 AND 50-251

Introduction

By letter dated September 20, 1979, Florida Power and Light Company (FPL) submitted a request to modify the Technical Specifications for the Turkey Point Plant, Unit Nos. 3 and 4. The amendment would delete the requirement that the screen wash system modifications be completed not later than November 1979.

Background

The requirement for the screen wash pump modification was proposed by the FPL letter of July 14, 1978. This proposal was in response to the staff position PF-19 in our letter dated April 10, 1978, regarding the fire water supply which required, among other things, a capacity of 300,000 gallons of water for fire protection. In our letter dated November 8, 1978, issuing Amendment Nos. 42 and 34 we indicated that we were still evaluating the FPL position regarding physical dedication of the fire water supply and that we would require additional protection if we did not agree with the FPL position after our review was completed. In the interim period, until the review was completed and any new requirements were implemented, we agreed that the FPL proposals and the increased inspection frequency would provide the necessary assurance that the water supply would be adequate.

The FPL proposal of July 14, 1979 included a review of water management schemes to allow a dedicated volume of 200,000 gallons of water for fire protection and modification of the screen wash system. This is in conjunction with the onsite portable 500 gpm pumper and the ability for offsite assistance to draft from the intake or discharge canals.

Our Safety Evaluation addressing the FPL fire protection program was issued on March 21, 1979. In Section 3.2.3 Water Supply, we requested that the water supply be physically dedicated and that the adequacy of the screen wash system as an alternate water supply be confirmed by additional FPL calculations.

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The FPL response dated May 21, 1979 has been reviewed and we find that the information supplied is inadequate to justify the FPL position regarding the fire water supply. Subsequently, on October 17 and 18, 1979, we visited the Turkey Point Plant to obtain additional information regarding fire water supply, as well as other areas in the FPL fire protection program. As we indicated in this visit (see meeting summary dated November 1, 1979), among other issues, the fire water supply issue has not been resolved and we will be taking further action on those matters.

### Evaluation

Our evaluation of the Turkey Point Plant fire protection Technical Specifications is contained in Safety Evaluation dated November 25, 1977. At that time we concluded that the Technical Specifications were acceptable on an interim basis, until such time that our overall review is complete, required equipment is installed and operable, and final Technical Specifications have been developed and issued. The Technical Specifications issued on November 8, 1978 were based on our November 25, 1977 Safety Evaluation. On March 21, 1979, we issued our Safety Evaluation which covered the entire program. In this Safety Evaluation, we concluded that the modifications proposed by FPL and described therein were found acceptable both with respect to the improvements in the fire protection program that they provide and with respect to the continued safe operation of the facility while the remaining items were completed. The above Safety Evaluations are incorporated here by reference.

We have reviewed the September 20, 1979 amendment request in view of the above evaluations and find that the delay of the screen wash system modifications, consistent with the December 1980 deadline for other modifications as outlined in the facility operating licenses for the Turkey Point Plant Unit Nos. 3 and 4 will not effect our conclusions. The fire water supply was an unresolved issue in our past reviews. Approval of this request for delay would have a minimal effect on the safety of the plant, however, this approval would not in any way, expressed or implied, change the staff position regarding fire water supply. On the basis of the above consideration, we conclude that the amendment request is 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 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 these amendments.

### Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendments 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 amendments 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.

Date: November 13, 1979

UNITED STATES NUCLEAR REGULATORY COMMISSION  
DOCKET NOS. 50-250 AND 50-251  
FLORIDA POWER AND LIGHT COMPANY  
NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 51 to Facility Operating License No. DPR-31, and Amendment No. 42 to Facility Operating License No. DPR-41 issued to Florida Power and Light Company (the licensee), which revised Technical Specifications for operation of Turkey Point Nuclear Generating, Unit Nos. 3 and 4 (the facilities) located in Dade County, Florida. The amendments are effective as of the date of issuance.

The amendments delete the requirement that the screen wash system modifications be completed no later than November 1979.

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.

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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 impact statement or negative declaration and 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 September 20, 1979, (2) Amendment Nos. 51 and 42 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 and 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 13th day of November, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors