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Docket No. 50-250

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. 85 to Facility Operating License No. DPR-31 for the Turkey Point Plant Unit No. 3. The amendment consists of changes to the Technical Specifications in response to your telephone and telecopy request dated April 5, 1982, as confirmed by letter of the same date. This amendment was authorized by telephone to your staff at about 6:00 p.m. on April 5, 1982 and confirmed by a telecopied letter on April 6, 1982.

The amendment permits operation of Unit 3 for low power physics tests with Unit 4 operating at full power and only two boric acid transfer pumps operable.

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

Sincerely,

ORIGINAL SIGNED

Marshall Grotenhuis, Project Manager
Operating Reactors Branch #1
Division of Licensing

Enclosures:
1. Amendment No. 85 to DPR-31
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures:
See next page

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Robert E. Uhrig
Florida Power and Light Company

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Environmental and Urban Affairs Library
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Mr. Henry Yaeger, Plant Manager
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER AND LIGHT COMPANY

DOCKET NO. 50-250

TURKEY POINT PLANT, UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 85
License No. DPR-31

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The request for amendment by Florida Power and Light Company (the licensee) dated April 5, 1982, 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 request, 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. 85, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment was effective on April 5, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: April 21, 1982

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 85 TO FACILITY OPERATING LICENSE NO. DPR-31

DOCKET NO. 50-250

Revise Appendix A as follows:

Remove Page	Insert Page
3.6-2	3.6-2

1. TWO associated charging pumps shall be operable.

2. THREE boric acid transfer pumps shall be operable.*

3. The boric acid tanks in service shall contain a total of at least 6160 gallons of a 20,000 to 22,500 ppm boron solution at a temperature of at least 145 F.

4. System piping, interlocks and valves shall be operable to the extent of establishing one flow path from the boric acid tanks, and one flow path from the refueling water storage tank, to each Reactor Coolant System.

5. TWO channels of heat tracing shall be operable for the flow path from the boric acid tanks.

6. The primary water storage tank contains not less than 30,000 gallons of water.

d. During power operation, the requirements of 3.6.b and c may be modified to allow one of the following components to be inoperable. If the system is not restored to meet the requirements of 3.6b and c within the time period specified, the reactor(s) shall be placed in the hot shutdown condition. If the requirements of 3.6.b and c are not satisfied within an additional 48 hours, the reactor(s) shall be placed in the cold shutdown condition. Specification 3.0.1 applies to 3.6.d.

1. One of the two operable charging pumps may be removed from service provided that it is restored to operable status within 24 hours.

2. One boric acid transfer pump may be out of service provided that it is restored to operable status within 24 hours.

3. One channel of heat tracing may be out of service for 24 hours.

* Only two boric acid transfer pumps need be operable during Unit 3 Low Power Physics testing for Cycle 8. This period shall not exceed 54 hours of testing.

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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 85 TO FACILITY OPERATING LICENSE NO. DPR-31

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT PLANT, UNIT NO. 3

DOCKET NO. 50-250

Introduction

By telephone call on April 5, 1982, followed by letter of the same date, Florida Power and Light Company (the licensee) requested an emergency Technical Specification change to Facility Operating License No. DPR-31 for the Turkey Point Plant Unit No. 3 (Unit 3). The amendment would grant a 54-hour relief from the requirement of Technical Specification 3.6.c.2 which requires three out of the four boric acid transfer pumps to be operable when one unit is operating and the second is starting up. One pump was already out for repairs when the second pump failed as Unit No. 3 was preparing for startup. The relief would apply only during the low power physics tests for cycle 8.

Background

Unit 3 was in the process of starting up after an extended outage (about one year) while the electrical generator was repaired and the steam generator lower assemblies were replaced. In order to avoid extending the delay when a boric acid transfer pump failed the licensee requested expedited action on this request. The request was reviewed and found acceptable. Verbal approval was given about 6:00 p.m. on April 5 and a letter of approval was telecopied on April 6, 1982. This amendment is the formal following of the expedited action.

Evaluation

The Technical Specifications require that before the second reactor is made critical (Unit 4 is already operating), three boric acid transfer pumps shall be operable. However, at the time Unit 3 was ready to be made critical, one of the boric acid transfer pumps failed (one of the other already being out for maintenance).

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The licensee requested that operation for low power physics test be allowed for Unit 3 while Unit 4 is operating at full power with only two pumps operable for a period not to exceed 54-hours starting at the time of criticality. The time of 54 hours is required to repair the third pump.

The justification for permitting operation while having only two pumps operable is based on the following:

a. One pump can be inoperable for 24 hours per the Technical Specifications. Increasing the time to 54 hours does not significantly increase the probability of an accident.

b. Only one pump per Unit is required to bring it to cold shutdown.

c. The charging pumps also can take suction from the RWST which is borated without relying on the boric acid pumps.

d. Power on Unit 3 will be limited to 5% or the low power physics tests level.

We have reviewed this request and conclude that it is reasonable and that this action does not introduce any significant increase in the probability of an accident or a new type of accident and operation in this mode is acceptable for the period of time and conditions stated above.

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 consideration 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: April 21, 1982

Principal Contributors:
M. Grotenhuis
D. Neighbors

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-250

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. 85 to Facility Operating License No. DPR-31 issued to Florida Power and Light Company (the licensee), which revised Technical Specifications for operation of the Turkey Point Plant Unit No. 3 (the facility) located in the Dade County, Florida. The amendment was effective on April 5, 1982.

The amendment permits operation of Unit 3 for low power physics tests with Unit 4 operating at full power and only two boric acid transfer pumps operable. The amendment was authorized on an expedited bases to permit plant startup.

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 this 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.

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For further details with respect to this action, see (1) the request for amendment dated April 5, 1982, (2) the Commission's letter to the licensee dated April 6, 1982, (3) Amendment No. 85 to License No. DPR-31, and (4) 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), (3), and (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 21st day of April, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing