

October 16, 1989

Docket No. 50-333

Mr. John C. Brons  
Executive Vice President - Nuclear Generation  
Power Authority of the State of New York  
123 Main Street  
White Plains, New York 10601

Dear Mr. Brons:

SUBJECT: ISSUANCE OF AMENDMENT (TAC NO. 73291)

The Commission has issued the enclosed Amendment No. 141 to Facility Operating License No. DPR-59 for the James A. FitzPatrick Nuclear Power Plant. The amendment consists of changes to the Technical Specifications in response to your application transmitted by letter dated May 19, 1989.

The amendment changes the frequency of the resistance to ground surveillance requirement for the Intake Deicing Heaters from once per operating cycle to once per year. Minor administrative changes to Specifications 3.11.E and 4.11.E. are also reflected.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

/s/

David E. LaBarge, Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:

- 1. Amendment No.141 to DPR-59
- 2. Safety Evaluation

cc w/enclosure:

See next page

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[FITZPATRICK AMENDMENT 73291]

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

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Sincerely,

A handwritten signature in black ink, appearing to read "D. E. LaBarge".

David E. LaBarge, Project Manager  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:

1. Amendment No.141 to DPR-59
2. Safety Evaluation

cc w/enclosure:  
See next page

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James A. FitzPatrick Nuclear  
Power Plant

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New York, New York 10271

ATTACHMENT TO LICENSE AMENDMENT NO. 141

FACILITY OPERATING LICENSE NO. DPR-59

DOCKET NO. 50-333

Revise Appendix A as follows:

Remove Page

242

Insert Page

242

## JAFNPP

### 3.11 (cont'd)

#### E. Intake Deicing Heaters

Intake heaters are required to be operable when intake water temperature is less than or equal to 37°F. A minimum of 18 out of 88 heaters are required to be operable to maintain the required flow for the ESW and RHRSW Systems.

1. If specification 3.11.E above cannot be met the reactor shall be placed in a cold condition within 24 hours.

### 4.11 (cont'd)

#### E. Intake Deicing Heaters

1. The six heater feeder ammeters shall be checked weekly whenever the intake water temperature is less than or equal to 37°F.
2. The individual heaters shall be monitored once/6 months for rated heater current or as required by large deviations in the feeder checks in 4.11.E.1 above.
3. Resistance to ground shall be checked once/year.



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

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-333

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 141  
License No. DPR-59

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Power Authority of the State of New York (the licensee) dated May 19, 1989, 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 2.C.(2) of Facility Operating License No. DPR-59 is hereby amended to read as follows:

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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 141, 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 to be implemented within 30 days.

FOR THE NUCLEAR REGULATORY COMMISSION

*Robert A. Capra*

Robert A. Capra, Director  
Project Directorate I-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: October 16, 1989



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 141 TO FACILITY OPERATING LICENSE NO. DPR-59

POWER AUTHORITY OF THE STATE OF NEW YORK

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

INTRODUCTION

By letter dated May 19, 1989, the Power Authority of the State of New York (PASNY or the licensee), requested changes to the Technical Specifications (TS) for the James A. FitzPatrick Nuclear Power Plant. One change would change the frequency of the resistance to ground surveillance requirement for the Intake Deicing Heaters from once per operating cycle to once per year. Other minor administrative changes are also included.

DESCRIPTION

In accordance with present plant procedures, the resistance to ground surveillance test of the intake deicing heaters is performed annually during the warm weather season when the heaters are not needed. Thus the adequacy of the heaters to prevent the accumulation of ice at the intake of the Emergency Service Water and Residual Heat Removal Service Water pumps is checked so that any repairs can be completed before they are needed.

Since an operating cycle is generally greater than a calendar year, the present TS test frequency requirement of once per operating cycle would not necessarily coincide with the frequency needed to ensure heater operability prior to cold weather. This inconsistency was recognized in the TS Bases, which described the testing frequency as "annual" on page 244. The proposed TS change, therefore, will result in a requirement for more frequent testing, will be consistent with present plant practices, will ensure that the heaters are tested prior to the season when they will be needed, and will increase consistency within the TS. Other proposed changes are of a minor editorial or administrative nature.

SUMMARY

The staff has determined that the proposed amendment will not adversely affect the conclusions reached in the Final Safety Analysis Report or the NRC staff's Safety Evaluation Report. The proposed changes are, therefore, acceptable.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase

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in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) 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: October 16, 1989

PRINCIPAL CONTRIBUTOR:

D. LaBarge