

July 7, 1993

Docket No. 50-333

Mr. Ralph E. Beedle
Executive Vice President, Nuclear
Generation
Power Authority of the State of
New York
123 Main Street
White Plains, New York 10601

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Dear Mr. Beedle:

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR FITZPATRICK NUCLEAR POWER PLANT
(TAC NO. M75561)

Enclosed is a copy of the "Environmental Assessment and Finding of No Significant Impact" related to your application for amendment dated December 20, 1989, as supplemented by letters dated January 16, 1990, January 3, 1992, January 30, 1992, May 5, 1992, and May 26, 1993. The proposed amendment would (1) establish a single nominal Safety/Relief Valve (SRV) setpoint of 1110 psig, (2) increase the SRV setpoint tolerance to 3%, (3) establish a SRV Limiting Safety System Setting of 1195 psig, (4) provide an allowance for two SRVs to be inoperable during continuous power operation, and (5) make several administrative changes to the Technical Specifications associated with SRV performance.

The assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:
John E. Menning, Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

*See previous concurrence

OFFICE	PDI-1:LA	PDI-1:PM	PDI-1:PM	OGC*	PDI-1:D
NAME	CVogan <i>CV</i>	KShembarger <i>KS</i> av1	JMenning <i>JM</i>	SHom	RACapra <i>RC</i>
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the quantity of spare SRV top-works that must be maintained in storage, (3) lessen the number of valve refurbishments, (4) minimize the number of valves requiring confirmatory testing, and (5) reduce the quantity of reportable events.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revisions to the Technical Specifications. The proposed revisions would (1) establish a single nominal SRV setpoint of 1110 psig, (2) increase the SRV setpoint tolerance to 3%, (3) establish a SRV Limiting Safety System Setting of 1195 psig, and (4) provide an allowance for two SRVs to be inoperable during continuous power operation. The Commission has determined that the changes would not have a significant safety impact on vessel overpressure margin, Emergency Core Cooling System/Loss-of-Coolant Accident performance, High Pressure Coolant Injection/Reactor Core Isolation Cooling operability, simmer margin or downward setpoint drift. Further, the changes to the SRV performance requirements would not increase the probability or consequence of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this action would result in no significant environmental impact.

With regard to potential nonradiological impacts, the proposed changes to the Technical Specifications involve systems located within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission

concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the Federal Register on May 15, 1990 (55 FR 20228). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. It has been determined that there is no measurable impact associated with the proposed amendment; any alternatives to the amendment will have either no environmental impact or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of any resources beyond the scope of resources used during normal operation.

Agencies and Persons Contacted:

The staff consulted with the State of New York regarding the environmental impact of the proposed action.


FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, the Commission concluded that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed amendment.

For further details with respect to the action, see (1) the application for amendment dated December 20, 1989, as supplemented by letters dated January 16, 1990, January 3, 1992, January 30, 1992, May 5, 1992, and May 26, 1993. These letters are available for public inspection at the Commission's Public Document Room, 2120 L Street, NW., Washington, DC 20555 and at the Reference and Documents Department, Penfield Library, State University of New York, Oswego, New York.

Dated at Rockville, Maryland, this 7th day of July 1993.

FOR THE NUCLEAR REGULATORY COMMISSION



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

UNITED STATES NUCLEAR REGULATORY COMMISSION

POWER AUTHORITY OF THE STATE OF NEW YORK

DOCKET NO. 50-333

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License DPR-59 issued to Power Authority of the State of New York (PASNY, the licensee), for operation of the James A. FitzPatrick Nuclear Power Plant, located in Oswego County, New York.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed amendment would revise Technical Specifications to (1) establish a single nominal Safety/Relief Valve (SRV) setpoint of 1110 psig, (2) increase the SRV setpoint tolerance to 3%, (3) establish a SRV Limiting Safety System Setting of 1195 psig, (4) provide an allowance for two SRVs to be inoperable during continuous power operation, and (5) make several administrative changes to the Technical Specifications associated with SRV performance.

The proposed action is in accordance with the licensee's application for amendment dated December 20, 1989, as supplemented by letters dated January 16, 1990, January 3, 1992, January 30, 1992, May 5, 1992, and May 26, 1993.

The Need for the Proposed Action:

The proposed changes to the Technical Specifications are required to (1) reduce the number of forced outages due to the unnecessary restriction on plant operation based on very conservative SRV performance limits, (2) reduce



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

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Executive Vice President, Nuclear
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123 Main Street
White Plains, New York 10601

Dear Mr. Beedle:

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The assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in dark ink, appearing to read "John E. Menning", is written over a horizontal line.

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

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

Mr. Ralph E. Beedle
Power Authority of the State of New York

James A. FitzPatrick Nuclear
Power Plant

cc:

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