



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 16, 1994

Docket No. 50-333

Mr. William A. Josiger, Acting Executive  
Vice President - Nuclear Generation  
Power Authority of the State of New York  
123 Main Street  
White Plains, New York 10601

Dear Mr. Josiger:

SUBJECT: ISSUANCE OF AMENDMENT FOR JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
(TAC NO. M88462)

The Commission has issued the enclosed Amendment No. 213 to Facility Operating License No. DPR-59 for the James A. FitzPatrick Nuclear Power Plant. The amendment consists of changes to the Technical Specifications (TSs) in response to your application transmitted by letter dated December 29, 1993.

The amendment revises Appendix B of the TSs, the Radiological Effluent TSs. Specifically, the amendment revises Appendix B Surveillance Requirement 3.1.a. and Table 3.10-2 to provide surveillance requirements for data recorders associated with the gaseous effluent monitoring system. The amendment also makes an editorial change to Appendix B Limiting Condition for Operation 3.1.a. to improve consistency and clarity.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "John E. Menning".

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

Enclosures:

1. Amendment No. 213 to DPR-59
2. Safety Evaluation

cc w/enclosures:  
See next page

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Mr. William A. Josiger, Acting  
Power Authority of the State of New York

James A. FitzPatrick Nuclear  
Power Plant

cc:

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White Plains, New York 10601

DATED: June 16, 1994

AMENDMENT NO. 213 TO FACILITY OPERATING LICENSE NO. DPR-59-FITZPATRICK

Docket File

NRC & Local PDRs

PDI-1 Reading

S. Varga, 14/E/4

J. Calvo, 14/A/4

M. Boyle

C. Vogan

J. Menning

OGC

D. Hagan, 3302 MNBB

G. Hill (2), P1-22

C. Grimes, 11/F/23

ACRS (10)

OPA

OC/LFDCB

PD plant-specific file

C. Cowgill, Region I

L. Cunningham, 10/D/H

J. Wermiel, 8/H/3

cc: Plant Service list



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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. 213  
License No. DPR-59

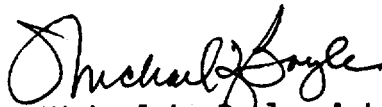
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Power Authority of the State of New York (the licensee) dated December 29, 1993, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 213, 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



Michael L. Boyle, Acting 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: June 16, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 213

FACILITY OPERATING LICENSE NO. DPR-59

DOCKET NO. 50-333

Revise Appendix B as follows:

Remove Pages

17  
38

Insert Pages

17  
38

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**LIMITING CONDITIONS FOR OPERATION**

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**3.0 GASEOUS EFFLUENTS****3.1 GASEOUS EFFLUENT MONITORS****Applicability**

These requirements apply to instruments which monitor the gaseous radioactivity effluent pathways to the environment.

**Objective**

To assure that radioactive gaseous effluent discharges are properly monitored and recorded during release.

**Specifications**

- a. Radioactive gaseous wastes released to the environment via the below listed pathways shall be monitored and recorded during release from the respective pathway.
  - 1. Main stack exhaust
  - 2. Refuel floor exhaust
  - 3. Reactor building exhaust
  - 4. Turbine building exhaust
  - 5. Radwaste building exhaust

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**SURVEILLANCE REQUIREMENTS**

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**3.1 GASEOUS EFFLUENT MONITORS****Applicability**

Applies to instrumentation listed in Specification 3.1.a and analyses of gaseous effluent releases.

**Objective**

To ensure that instrumentation required for gaseous effluent releases is maintained and calibrated and the radioactivity of gaseous releases is determined.

**Specifications**

- a. Operation of the gaseous effluent monitors and recorders listed in Specification 3.1.a shall be verified by performing instrument surveillance as specified on Table 3.10-2.

**JAFNPP**

**TABLE 3.10-2**

**MINIMUM TEST AND CALIBRATION FREQUENCY FOR RADIATION MONITORING SYSTEMS<sup>(a)</sup>**

<b>Instrument Channels</b>	<b>Instrument Check<sup>(b)</sup></b>	<b>Instrument Channel Functional Test<sup>(i)</sup></b>	<b>Instrument Channel Calibration</b>	<b>Logic System Function Test<sup>(f)(h)</sup></b>
Main Stack Exhaust Monitors and Recorders	Daily	Quarterly	Quarterly	--
Refuel Area Exhaust Monitors and Recorders	Daily	Quarterly	Quarterly	--
Reactor Building Area Exhaust Monitors, Recorders, and Isolation	Daily	Quarterly	Quarterly	Semiannually
Turbine Building Exhaust Monitors and Recorders	Daily	Quarterly	Quarterly	--
Radwaste Building Exhaust Monitors and Recorders	Daily	Quarterly	Quarterly	--
SJAE Radiation Monitors/Offgas Line Isolation	Daily	Quarterly	Quarterly	Semiannually
Main Control Room Ventilation Monitor	Daily	Quarterly	Quarterly	--
Mechanical Vacuum Pump Isolation <sup>(a)</sup>	--	--	--	Once per Operating Cycle
Liquid Radwaste Discharge Monitor/Isolation <sup>(a)(d)(e)(f)</sup>	Daily When Discharging	Quarterly	Quarterly	Semiannually
Liquid Radwaste Discharge Flow Rate Measuring Devices <sup>(d)</sup>	Daily	Quarterly	Once per Operating Cycle	--
Liquid Radwaste Discharge Radioactivity Recorder <sup>(d)</sup>	Daily	Quarterly	Once per Operating Cycle	--
Normal Service Water Effluent <sup>(f)</sup>	Daily	Quarterly	Quarterly	--
SBGTS Actuation	--	--	--	Semiannually





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 213 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

**1.0 INTRODUCTION**

By letter dated December 29, 1993, the Power Authority of the State of New York (the licensee) submitted a request for changes to the James A. FitzPatrick Nuclear Power Plant Technical Specifications (TSs). The requested changes would revise Appendix B of the TSs, the Radiological Effluent Technical Specifications (RETS). Specifically, the changes would revise Surveillance Requirement (SR) 3.1.a. and Table 3.10-2, "Minimum Test and Calibration Frequency for Radiation Monitoring Systems," to provide surveillance requirements for data recorders associated with the gaseous effluent monitoring system. The proposed amendment would also make an editorial change to Appendix B Limiting Condition for Operation (LCO) 3.1.a. to improve consistency and clarity.

**2.0 EVALUATION**

Appendix B SR 3.1.a. and Table 3.10-2 currently require the performance of instrument checks, tests, and calibrations to assure the operability of the main stack, refuel floor, reactor building, turbine building and radwaste building exhaust gaseous effluent radiation monitors. The TSs do not now require surveillance of the associated data recorders. However, LCO 3.1.a. specifically states that "... pathways shall be monitored and recorded ..." which requires the recorders to be operable for the gaseous effluent monitoring system to be considered operable.

The licensee has proposed that SRs be established for these data recorders by adding the recorders to SR 3.1.a. and Table 3.10-2. Specifically, the words "and recorders" would be added between the words "monitors" and "listed" in the first sentence of SR 3.1.a. The gaseous effluent monitor channel identifiers in Table 3.10-2 would be modified to read as follows:

Main Stack Exhaust Monitors and Recorders  
Refuel Area Exhaust Monitors and Recorders  
Reactor Building Area Exhaust Monitors, Recorders, and Isolation  
Turbine Building Exhaust Monitors and Recorders  
Radwaste Building Exhaust Monitors and Recorders

The licensee also proposed editorial changes to Appendix B LCO 3.1.a. Specifically, in LCO 3.1.a. the word "exhaust" would be added after "Main stack" and the word "vent" would be replaced with "exhaust" for the other four release pathways. This change would make the release pathway designations in LCO 3.1.a. consistent with the instrument channel identifiers in Table 3.10-2.

The NRC staff has concluded that the proposed changes to Appendix B SR 3.1.a. and Table 3.10-2 will establish consistency between LCO 3.1.a. and SR 3.1.a. and provide greater confidence in system operability. The proposed changes are, therefore, acceptable. The staff has also concluded that the proposed editorial changes to Appendix B LCO 3.1.a. will improve consistency within the RETS and are, therefore, acceptable.

### 3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the New York State official was notified of the proposed issuance of the amendment. The State official had no comments.

### 4.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes surveillance requirements. The NRC staff has determined that the amendment involves no significant increase 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 the amendment involves no significant hazards consideration, and there has been no public comment on such finding (59 FR 4946). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 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 the amendment.

### 5.0 CONCLUSION

The Commission has 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor:  
J. Menning

Date: June 16, 1994

June 16, 1994

Mr. William A. Josiger, Acting Executive  
 Vice President - Nuclear Generation  
 Power Authority of the State of New York  
 123 Main Street  
 White Plains, New York 10601

Dear Mr. Josiger:

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

Sincerely,

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

Enclosures:

1. Amendment No. 213 to DPR-59
2. Safety Evaluation

cc w/enclosures:

See next page

PDI-1:EA CVogan	PDI-1:PM JMenning	NRR/PRP LCunningham	NRR/HICB JWermiel	OGC OPW	PDI-1:D MBoyle
5/20/94	5/20/94	5/23/94	5/24/94	5/24/94	6/16/94

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