



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001
December 29, 1994

Docket
File
50-333

Mr. William J. Cahill, Jr.
Executive Vice President, Nuclear
Generation
Power Authority of the State of New York
123 Main Street
White Plains, NY 10601

SUBJECT: IMPLEMENTATION OF COMMITMENTS ASSOCIATED WITH TECHNICAL
SPECIFICATION AMENDMENT 207 FOR JAMES A. FITZPATRICK NUCLEAR POWER
PLANT (TAC NO. M86978)

Dear Mr. Cahill:

By letter dated November 29, 1994, you submitted the revised commitments associated with the implementation of Technical Specifications (TSs) Amendment 207, issued on March 9, 1994. Amendment 207 revised TSs to eliminate the automatic reactor scram and Main Steam Line Isolation Valve closure requirements associated with the Main Steam Line Radiation Monitors. The approval of the amendment was conditional upon implementation of alarm setpoint modifications and changes in plant procedures.

Previously you committed to adjust the alarm setpoints for the main steam line radiation monitor (MSLRM) and offgas radiation monitors to less than or equal to 1.5 times the nominal background dose rate, and to promptly sample the reactor coolant if either alarm is received which are consistent with NEDO-31400. This number was to assure detection of fuel failure. In amendment 211, issued April 25, 1994, you established a threshold of 5,000 microcuries per second for offgas sampling when power corrected increases of 50% were observed. That amendment established, for the James A. FitzPatrick (JAF), an appropriate threshold level to assure early detection of fuel failure while minimizing unnecessary personnel radiation exposure.

In reviewing the commitments you determined that a revision to the setpoint for the offgas portion was needed before implementation due to low N-16 background radiation at the offgas monitors. Hence, you established a HIGH alarm setpoint a 1.5 times the normal, steady state full power radiation level sensed at the monitor. The procedures will require prompt reactor coolant sampling upon receipt of the HIGH alarm, if the alarm is not caused by plant evolutions transients known to cause transient elevated offgas monitor readings, and if an indicated 5,000 microcurie per second threshold is exceeded. The change in commitment meets the basis for detecting fuel failure as described in NEDO-31400 and reflects the conditions as they exist for JAF

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W. Cahill

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plant. This commitment change also establishes a consistency between the commitments associated with Amendment Nos. 207 and 211. In addition, the NRC staff understands that your licensing Bases will be updated to reflect these commitments.

Sincerely,

Original signed by

Nicola F. Conicella, Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-286

cc: See next page

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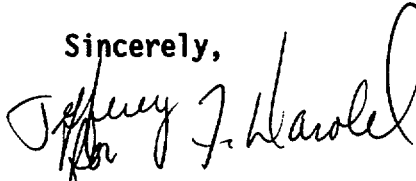
W. Cahill

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December 29, 1994

plant. This commitment change also establishes a consistency between the commitments associated with Amendment Nos. 207 and 211. In addition, the NRC staff understands that your licensing Bases will be updated to reflect these commitments.

Sincerely,

A handwritten signature in dark ink, appearing to read "Nicola F. Conicella". The signature is fluid and cursive, with a large loop at the end.

Nicola F. Conicella, Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-286

cc: See next page

William J. Cahill, Jr.
Power Authority of the State of New York

James A. FitzPatrick Nuclear
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cc:

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