



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 20, 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: CHANGE TO THE BASES SECTION OF THE JAMES A. FITZPATRICK NUCLEAR
POWER PLANT TECHNICAL SPECIFICATIONS (TAC NO. M89442)

By letter dated April 29, 1994, the Power Authority of the State of New York (PASNY) proposed a change to Bases Section 3.11.D., "Emergency Service Water System," of the James A. FitzPatrick Nuclear Power Plant (JAF) Technical Specifications (TSs). This change would remove the reference to emergency core cooling system pumps in Bases Section 3.11.D. and reflect that the residual heat removal (RHR) pump seal water coolers are no longer a safety-related load on the emergency service water (ESW) system.

The RHR pump seal water coolers have been reclassified as non-safety related and isolated from ESW, in part, to provide additional ESW flow to other components. A PASNY safety evaluation (JAF-SE-90-067) documented that the RHR system would be able to perform its intended safety function with ESW isolated. This conclusion was also supported by vendor documentation which stated that isolation of the ESW system would not inhibit RHR pump operation during accident conditions.

The NRC staff has no objections to the proposed TS Bases change since it is consistent with information provided in the Updated Final Safety Analysis Report and reflects the current plant configuration.

280035

9405250282 940520
PDR ADOCK 05000333
P PDR

DFEI
NRC FILE CENTER COPY

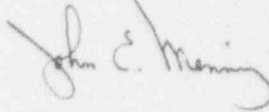
Mr. William A. Josiger

- 2 -

May 20, 1994

Enclosed are the revision instructions and a revised TS Bases page for the JAF TSs. This concludes our actions under TAC No. M89442.

Sincerely,



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

Enclosure:
Revision Instructions and the
Revised TS Bases Page

cc w/enclosure:
See next page

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

James A. FitzPatrick Nuclear
Power Plant

cc:

Mr. Gerald C. Goldstein
Assistant General Counsel
Power Authority of the State
of New York
1633 Broadway
New York, New York 10019

Ms. Donna Ross
New York State Energy Office
2 Empire State Plaza
16th Floor
Albany, New York 12223

Resident Inspector's Office
U. S. Nuclear Regulatory Commission
P.O. Box 136
Lycoming, New York 13093

Mr. Richard L. Patch, Acting
Vice President - Appraisal
and Compliance Services
Power Authority of the State
of New York
123 Main Street
White Plains, New York 10601

Mr. Harry P. Salmon, Jr.
Resident Manager
James A. FitzPatrick Nuclear
Power Plant
P.O. Box 41
Lycoming, New York 13093

Mr. J. A. Gray, Jr.
Director Nuclear Licensing - BWR
Power Authority of the State
of New York
123 Main Street
White Plains, New York 10601

Supervisor
Town of Scriba
Route 8, Box 382
Scriba, New York 13126

Mr. Robert G. Schoenberger,
First Executive Vice President
and Chief Operating Officer
Power Authority of the State
of New York
123 Main Street
White Plains, New York 10601

Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, New York 10271

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Enclosure

TECHNICAL SPECIFICATION

BASES REVISION

FACILITY OPERATING LICENSE NO. DPR-59

DOCKET NO. 50-333

Revise Appendix A, Bases Section, as follows:

Remove Page
243

Insert Page
243

3.11 & 4.11 BASESA. Main Control Room Ventilation System

One main control room emergency ventilation air supply fan provides adequate ventilation flow under accident conditions. Should one emergency ventilation air supply fan and/or fresh air filter train be out of service during reactor operation, a repair time of 14 days is allowed because during that time, a redundant 100% capacity train is required to be operable.

The 3 month test interval for the main control room emergency ventilation air supply fan and dampers is sufficient since two redundant trains are provided and neither is normally in operation.

A pressure drop test across each filter and across the filter system is a measure of filter system condition. DOP injection measures particulate removal efficiency of the high efficiency particulate filters. A Freon-112 test of charcoal filters is essentially a leakage test. Since the filters have charcoal of known efficiency and holding capacity for elemental iodine and/or methyl iodine, the test also gives an indication of the relative efficiency of the installed system. Laboratory analysis of a sample of the charcoal filters positively demonstrates halogen removal efficiency. These tests are conducted in accordance with manufacturers' recommendations.

The purpose of the emergency ventilation air supply system capacity test is to assure that sufficient air is supplied to the main control room so that a slight positive pressure can be maintained, thereby minimizing in-leakage.

B. Crescent Area Ventilation

Engineering analyses indicate that the temperature rise in safeguards compartments without adequate ventilation flow or cooling is such that continued operation of the safeguards equipment or associated auxiliary equipment cannot be assured.

C. Battery Room Ventilation

Engineering analyses indicate that the temperature rise and hydrogen buildup in the battery, and battery charger compartments without adequate ventilation is such that continuous operation of equipment in these compartments cannot be assured.

D. Emergency Service Water System

The ESWS has two 100 percent cooling capacity pumps, each powered from a separate standby power supply. The ESWS utilizes lake water to the cooling system of the emergency diesel generators. The system will also supply water to those components of the RBCLCS which are required for emergency conditions during a loss of power condition. These include area unit coolers.

Mr. William A. Josiger

- 2 -

May 20, 1994

Enclosed are the revision instructions and a revised TS Bases page for the JAF TSs. This concludes our actions under TAC No. M89442.

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:
Revision Instructions and the
Revised TS Bases Page

cc w/enclosure:
See next page

Distribution:

Docket File
NRC & Local PDRs
PDI-1 Reading
SVarga
JCalvo
MBoyle
CVogan
JMenning
OGC
DHagan, MNBB 3208
GHill (2), P1-22
CGrimes, 11/E/22
ACRS (10)
OPA
OC/LFDCB
Region IV, WCFO, (4 cys)
CCowgill, RGN-I

LA:PDI-1 <i>[Signature]</i>	PM:PDI-1	Act D:PDI-1			
CVogan <i>[Signature]</i>	JMenning: <i>[Signature]</i>	MBoyle <i>[Signature]</i>			
5/17/94	5/19/94	5/20/94	1/1	1/1	1/1

OFFICIAL RECORD COPY
FILENAME: FIT89442.LTR