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POWER AUTHORITY OF THE STATE OF NEW YORK

JAMES A. FITZPATRICK NUCLEAR POWER PLANT



RAYMOND J. PASTERNAK
Resident Manager

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August 27, 1980
SERIAL: JAFP-80-675

Boyce H. Grier, Director
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA. 19406

SUBJECT: NRC I&E BULLETIN NO. 80-17 SUPPLEMENT 3
FAILURE OF CONTROL RODS TO INSERT DURING A SCRAM AT A BWR

Dear Mr. Grier:

The FitzPatrick plant staff has completed the actions required by the subject Bulletin. Listed below are the responses to each of the items listed in the same order as they appear in the Bulletin:

- 1) a. The FitzPatrick plant has implemented administrative controls which require an immediate manual scram when the Control Rod Drive Scram Pilot Valve Air Header has a low pressure condition present. The operator is alerted to the possible low air pressure condition by an alarm which is set equal to or greater than 10 psig above the opening pressure of the Scram Outlet Valves.
- b. In addition to the above, an immediate manual scram is required in the event of multiple control rod drift alarms or the presence of a marked change in the number of control rods which exhibit high temperature alarm conditions.
- 2) Instrument Surveillance Procedures utilized for the test and calibration of scram discharge instrument volume level alarm, control rod block, and reactor scram switches require the use of water in actuating the switches thereby assuring proper operation of the switches during scram conditions. These tests have routinely been conducted on a periodic basis as required by Technical Specifications since the initial licensing of the FitzPatrick Plant in 1974.

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In addition to these periodic tests, administrative controls have been implemented to require that a functional test of the referenced switches be conducted prior to reactor startup. These administrative controls will remain in effect until modification of the scram discharge volume, scram discharge instrument volume, associated piping and instrumentation has been implemented to assure reliability of the water level indication system.

Very truly yours,

Robert Baker for.

RAYMOND J. PASTERNAK
RESIDENT MANAGER

VC:jjh

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Resident NRC Inspector
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Subscribed and Sworn to
before me this 27th day
of August, 1980.

JOHN W. AUSTIN, #4701224
Notary Public - State of New York
Appointment in Oswego County
My Commission Expires March 30, 1981

John W. Austin