

POWER AUTHORITY OF THE STATE OF NEW YORK

10 COLUMBUS CIRCLE NEW YORK, N. Y. 10019

(212) 397-6200



July 27, 1979
JPN-79-44

Director, Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Thomas A. Ippolito, Chief
Operating Reactors Branch No. 3
Division of Operating Reactors

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
Additional Responses to the Draft Safety
Evaluation Report (SER) Relating to
Fire Protection Program

Dear Sir:

We have sent responses to the draft safety evaluation report via several letters (JPN-79-12, March 7, 1979, JPN-79-25, May 7, 1979, and JPN-79-40, July 2, 1979). These letters contained two tables, Table 3.1, Implementation Dates for Licensee Proposed Modifications and Staff Requirements and Table 3.2, Completion Dates for Studies.

In discussion with your Mr. P. Polk and Mr. M. Virgillio in the last few weeks, we indicated that we intend to revise some of these dates and stated our reasons for doing the same.

By this letter, we are listing below those items that require additional time from those stated previously:

Table 3.1

Item 3.1.1 Interior Hose Stations (PF-9)

Previously when we stated that this item was complete we had assumed that the staff requirements applied to existing hose stations. Our review indicates that some 29 new or relocated hose stations need to be modified to meet the staff requirement stated in Section 3.1.1 of the SER. These will be completed by October 1980.

442 265

A006
S 1/1
7908020422

F

Item 3.1.7 Fire Doors (PF-35)

We had anticipated installing these fire doors by June 1979. However, there was some delay in the delivery of the same. At present the doors are on site and will be installed by October 1979.

Item 3.3.2 Signaling Circuit Supervision (PF-19)

The study is expected to be completed by August 1979 and any modifications completed by October 1980.

Item 3.3.12 Electrical Cable Penetration Qualification (PF-27)

The testing of these penetrations are underway and any modifications if required will be completed by October 1980.

Item 3.3.15 Testing of Carbon Dioxide Fire Suppression Systems (PF-18)

At present this testing is expected to be done by January 1980 and if any modifications are required they will be completed by October 1980.

Item 3.3.16 Flame Retardant Coating

As stated in our letter JPN-79-40, July 2, 1979, the entire fire test documentation for cabling installed in the FitzPatrick plant consists of several hundred pages and as agreed with your Mr. P. Polk, it will be forwarded to you by August 1979.

Item 3.2

Item 3.2.1, 3.2.3 and 3.2.5

All these studies are late by one to four months and are expected to be completed by August 1979. The submission dates to NRC are shown on Table 3.2.

For your convenience revised Tables 3.1 and 3.2 are attached.

Very truly yours,

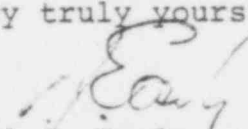

Paul J. Early
Assistant Chief Engineer-Projects

TABLE 3.1 (REVISED 7/26/79)

IMPLEMENTATION DATES FOR
LICENSEE PROPOSED MODIFICATIONS
AND STAFF REQUIREMENTS

ITEM	DATE
3.1.1 Interior Hose Station (PF-9) (All Portions Except 29 New/Relocated Stations are Complete)	October 1980
3.1.2 Valve Supervision	Implemented
3.1.3 Manual Fire Fighting Equipment (PF-28)	Implemented
3.1.4 Self-Contained Breathing Apparatus	December 1979
3.1.5 Administrative Controls	January 1980
3.1.6 Emergency Lighting (PF-25)	January 1980
3.1.7 Fire Doors (PF-35)	October 1979
3.1.8 Ventilation System-Safety Related Pump Rooms* (PF-24)	January 1980/Spring 1980
3.1.9 Alternate Shutdown Capability-Relay Room*	December 1979/Oct. 1980
3.1.10 Exterior Hydrant Hose House (PF-12)	October 1979
3.1.11 Post-Indicator Valve Operators (PF-14)	Implemented
3.1.12 Post-Indicator Valve Labeling (PF-31)	Implemented
3.1.13 Fire Brigade Leader Training (PF-30)	Implemented
3.1.14 Control of Combustibles (PF-29)	December 1979
3.3.1 Detector Testing	December 1979/Oct. 1980
3.3.2 Signaling Circuit Supervision (PF-19)	August 1979/October 1980
3.3.3 Fire Alarm Annunciation in the Control Room	Implemented
3.3.4 Fire Pump Performance	August 1979
3.3.5 Fire Pump Capacity	August 1979
3.3.6 Water Suppression System Design Details	August 1979
3.3.7 Total Flooding CO ₂ Suppression System Ventilation System Interlocks	Spring 1980
3.3.8 Fire Detection and Signaling System (PF-19)	October 1979/October '80
3.3.9 Exposed Structural Steel (PF-22)	August 1979/October 1980
3.3.10 Fire Brigade Composition (PF-17)	Deleted/Completed
3.3.11 Crescent Area Fire Protection (PF-23)	August 1979/Spring 1980
3.3.12 Electrical Cable Penetration Qualification (PF-27)**	October 1979/October '80
3.3.13 Ventilation Duct Penetration	July 1980
3.3.14 Piping Penetration Seal Qualification	December '79/October '80
3.3.15 Testing of Carbon Dioxide Fire Suppression Systems (PF-18)	October 1980
3.3.16 Flame Retardant Coating	August 1979
3.3.17 Alternate Shutdown Capability-Cable Spreading Room	December '79/October '80

Note 1: The Authority will make every effort to complete all required modifications by October 31, 1980.

* Note 2: The design details for these modifications will be subject to further staff review prior to implementation.

** Note 3: Testing underway.

TABLE 3.2 (REVISED 7/26/79)

COMPLETION DATES FOR STUDIES

<u>ITEM</u>	<u>DATES</u>	
	<u>COMPLETION BY</u> <u>CONSULTANTS</u>	<u>TO</u> <u>NRC</u>
3.2.1 Fire Hazard Analysis (PF-11)	August 1979	November 1979
3.2.2 Pipe Penetrations (PF-33)	December 1979	February 1980
3.2.3 Fire Water Piping System (PF-36)	August 1979	November 1979
3.2.4 Diesel Fire Pump Room Sprinkler Head Spacing (PF-32)	Completed	August 1979
3.2.5 Fire Door Supervision (PF-8)	August 1979	November 1979

Note: The Authority will make every effort to complete all required modifications by October 31, 1980.