January 3, 1989

Docket No. 50-333

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Mr. John C. Brons
Executive Vice President - Nuclear Generation
Power Authority of the State of New York
123 Main Street
White Plains, New York 10601

Dear Mr. Brons:

Our letter of November 10, 1988 transmitted Amendment No. 118 to Facility Operating License No. DPR-59 for the James A. FitzPatrick Nuclear Power Plant. The amendment consists of changes to the Technical Specifications (TS) in response to your applications transmitted by letters dated May 27 and August 10, 1988 (TAC Nos. 68354 and 69101) and revises TS Table 3.7-1 to reflect modifications to containment isolation valves performed during the Reload 8/Cycle 9 refueling outage.

Upon review of the Safety Evaluation which was enclosed with the TS changes, an error was detected. On page 2 under EVALUATION, Item No. 2 Service and Breathing Air Supplies to Drywell, reference was made to Section III of the ASME Code. The correct reference is B31.1 of the ANSI Code. A corrected page 2 is attached and should be inserted in place of the present page 2.

We have verified that the change does not affect the conclusions reached in the Safety Evaluation. We regret any inconvenience this may have caused.

Sincerely,

original signed by

David E. LaBarge, Project Manager
Project Directorate I-1
Division of Reactor Projects I/II

Enclosure:
Corrected Safety Evaluation Page 2

cc w/enclosure:
See next page

DF01
1/1

OFC	:PDI-1	:PDI-1	:PDI-1	:	:	:	:
NAME	:CVogan	:DLaBarge:vr	:RCapra	:	:	:	:
DATE	:1/3/88	:1/3/88	:1/3/88	:	:	:	:

OFFICIAL RECORD COPY

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Power Authority of the State of New York
James A. FitzPatrick Nuclear
Power Plant

cc:

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EVALUATION

1. Primary Containment Radioactivity Monitoring System (PCRMS) (Gaseous and Particulate)

The FitzPatrick plant has redundant primary containment radioactivity monitors. PCRMS instruments monitor both gaseous and particulate radioactivity levels during normal plant operation. A single pair of supply and return lines services both monitors (i.e., both monitors draw primary containment [drywell] atmosphere through a single supply line and exhaust through a single return line). The licensee proposes to install a second pair or PCRMS sample lines to improve system reliability. Each PCRMS monitor will have its own supply and return lines. This modification will eliminate the possibility that both monitors could be inoperable as a result of a single line failure. When the modification is complete, the following arrangement will exist:

Penetration	Function	Valves
X-31Ad	Existing Supply	27SOV-135A and 27SOV-135C
X-55b	Existing Return	27SOV-125B and 27SOV-125D
X-31Bd	New Supply	27SOV-135D and 27SOV-135B
X-52a	New Return	27SOV-125C and 27SOV-125A

Further, the licensee is required to revise the FSAR to reflect the new valve arrangement. The staff finds the new arrangement acceptable.

2. Service and Breathing Air Supplies to Drywell

The licensee proposes to cut and cap pipe lines associated with containment penetration X-21 and X-61 for breathing air and service air, respectively. These penetrations were designed and installed to supply breathing and service air for personnel and equipment in the drywell during maintenance. Currently, the licensee is using a portable air supply. The licensee stated that the cutting and capping of these air lines will eliminate a potential source of air leaks into FitzPatrick's inerted drywell. The work will be performed in accordance with Section B31.1 of the ANSI CODE. On the basis of its review the staff concludes that this modification will reduce the potential for containment leakage following a postulated accident. Therefore, the staff finds this modification acceptable.

3. RHR System Containment Isolation Valve Change

The licensee proposes to replace two RHR system containment spray motor-operated gate valves (10MOV-31A and 10MOV-31B) with motor-operated globe valves. This change will improve the operators' ability to throttle containment spray flow during certain accident conditions. The flow characteristics of globe valves make them suitable for flow throttling. Even though maximum containment spray flow will be reduced from approximately 10950 gpm to 6700 gpm, the licensee has determined that this reduction in maximum flow represents no significant reduction in the margin of safety because the containment spray system will still be able to perform its intended function. Containment spray has three primary functions: (1) Assure primary containment integrity, (2) Assure that drywell/torus temperatures and

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