

July 1, 1985

Docket No. 50-333

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

Dear Mr. Brons:

SUBJECT: CONTAINMENT VENT AND PURGE VALVE OPERABILITY

Re: James A. FitzPatrick Nuclear Power Plant

DISTRIBUTION  
Docket File  
NRC PDR  
Local PDR  
ORB#2 Reading  
HThompson  
OELD  
SNorris  
HAbelson  
ELJordan  
JPartlow  
BGrimes  
ACRS (10)  
Gray File  
RWright  
KDempsey

We have completed our review of the information submitted to date regarding operability of containment purge and vent valves at the James A. FitzPatrick facility. Our review concludes that this information demonstrates the ability of the 20-inch and 24-inch purge and vent valves to close against the buildup of containment pressure in the event of a DBA/LOCA. This conclusion is based upon the limitation of opening angle equal to or less than 40° for valves 27 AOV-111, 27 AOV-112, 27 AOV-113; and equal to or less than 50° for valves 27 AOV-114, 27 AOV-115, 27 AOV-116, 27 AOV-117 and 27 AOV-118. These valves are equipped with mechanical stops to limit the opening angle.

We request that you submit revised Technical Specifications to reflect the above opening angle limitations and, for valves 27 AOV-115, 27 AOV-116, 27 AOV-117 and 27 AOV-118, a closing time of less than or equal to 8 seconds.

We have also completed our related review of the radiological consequences of a DBA/LOCA during containment purging at FitzPatrick and find that the applicable dose guidelines of 10 CFR Part 100 would be met.

Copies of our Safety Evaluations which support the above conclusions are enclosed.

Sincerely,

Original signed by MGrotenhuis for/

Domenic B. Vassallo, Chief  
Operating Reactors Branch #2  
Division of Licensing

Enclosures:  
As stated

cc w/enclosures:  
See next page

DL:ORB#2  
SNorris:ajs  
7/1/85

DL:ORB#2  
HAbelson  
7/1/85  
7

DL:ORB#2  
DVassallo  
7/1/85  
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PDR ADOCK 05000333  
P PDR

Mr. John C. Brons  
Power Authority of the State of New York

James A. FitzPatrick Nuclear  
Power Plant

cc:

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