

November 13, 1984

Docket No. 50-333

Mr. J. P. Bayne  
Executive Vice President,  
Nuclear Generation  
Power Authority of the State  
of New York  
123 Main Street  
White Plains, New York 10601

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Dear Mr. Bayne:

SUBJECT: NUREG-0737, ITEM II.K.3.16

Re: James A. FitzPatrick Nuclear Power Plant

As a result of the TMI-2 accident, it was concluded that in a boiling water reactor (BWR), failure of a safety/relief valve (SRV) to close would be the most likely cause of a small-break Loss-of-Coolant Accident (LOCA). At the time, the operating history of SRVs had been poor, resulting in a relatively high failure rate per challenge.

NUREG-0737, Item II.K.3.16 required BWR licensees and BWR operating license applicants to investigate the feasibility of a number of actions and modifications to reduce challenges to SRVs. The objective of the task was to effect sufficient changes so as to substantially reduce challenges to SRVs by an order of magnitude. This evaluation was performed by the BWR Owners Group (BWROG-8134).

By letter dated April 3, 1984, we sent you our generic Safety Evaluation (SE) of the BWR Owners Group study, endorsing three specific modifications along with an effective preventative maintenance program. Our letter requested that you advise us of what actions you have taken or propose to take to reduce challenges and failures of SRVs in your facility. You responded by letter dated June 19, 1984.

We have reviewed your response and conclude that, in total, the actions you have taken or have committed to take will achieve the objective of NUREG-0737, Item II.K.3.16. Therefore, we consider this task resolved for the James A. FitzPatrick Nuclear Power Plant.

Sincerely,

Original signed by/

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

cc: See next page

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DVassallo  
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Mr. J. P. Bayne  
Power Authority of the State of New York  
James A. FitzPatrick Nuclear Power Plant

cc:

Mr. Charles M. Pratt  
Assistant General Counsel  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

U. S. Environmental Protection  
Agency  
Region II Office  
Regional Radiation Representative  
26 Federal Plaza  
New York, New York 10007

Mr. Corbin A. McNeill, Jr.  
Resident Manager  
James A. FitzPatrick Nuclear  
Power Plant  
Post Office 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

Mr. Robert P. Jones, Supervisor  
Town of Scriba  
R. D. #4  
Oswego, New York 13126

Mr. Leroy W. Sinclair  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

Mr. Jay Dunkleberger  
Division of Policy Analysis  
and Planning  
New York State Energy Office  
Agency Building 2  
Empire State Plaza  
Albany, New York 12223

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

Mr. A. Klausman  
Vice President - Quality Assurance  
Power Authority of the State  
of New York  
10 Columbus Circle  
New York, New York 10019

Mr. George Wilverding, Chairman  
Safety Review Committee  
Power Authority of the State  
of New York  
123 Main Street  
White Plains, New York 10601

Mr. M. C. Cosgrove  
Quality Assurance Superintendent  
James A. FitzPatrick Nuclear  
Power Plant  
Post Office Box 41  
Lycoming, New York 13093

Thomas A. Murley  
Regional Administrator  
Region I Office  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406