

July 26, 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

Dear Mr. Bayne:

SUBJECT: NUREG-0737, ITEM II.E.4.1, DEDICATED HYDROGEN PENETRATIONS

Re: James A. FitzPatrick Nuclear Power Plant

In our letter to you of March 25, 1980, we forwarded our evaluation of your compliance with Category "A" items of NRC's recommendation resulting from TMI-2 Lessons Learned (NUREG-0578). In that evaluation, we documented our acceptance of the James A. FitzPatrick Nuclear Power Plant design with respect to Item 2.1.5.a, Dedicated Penetrations for External Recombiner or Post-Accident External Purge System. This acceptance was conditional on your completing modifications necessary to ensure that containment isolation was single-failure-proof during purging.

Your letter of September 30, 1980 provided a description of the proposed modifications. In a subsequent letter dated February 3, 1984, you informed us that all modifications were completed during the 1981-82 refueling outage, with the exception of providing a source of Class IE redundant power to two motor operated valves installed as part of the modification package. You stated that a motor control center which will provide Class IE power for this purpose as well as for Appendix R applications is scheduled for installation prior to July 1, 1985. Your letter dated June 15, 1984 confirmed that the containment penetration serving the purge system meets GDC 54 and 56, that the emergency procedures to be used following an accident with degraded core have been reviewed and revised to reflect the above referenced modifications, and that the penetration design complies with Clarifications 1 and 2 of Item II.E.4.1 of NUREG-0737.

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Mr. J. P. Bayne

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Accordingly, we find that your design satisfies the requirements of Item II.E.4.1. of NUREG-0737 and, based on your completing the final portion of the modification prior to July 1, 1985, we consider this item resolved for the FitzPatrick facility.

Sincerely,

Original signed by/

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

cc: See next page

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

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