

April 1, 1981  
LL2-81-0075

TMI Program Office  
Attn: Mr. Lake Barrett, Deputy Director  
U. S. Nuclear Regulatory Commission  
c/o Three Mile Island Nuclear Station  
Middletown, Pennsylvania 17057

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Processed Water Storage Tanks (PWST)

This letter is in response to your letter NRC/TMI-81-0016, dated February 27, 1981. The initial response date for this letter was delayed as stated in our letter LL2-81-0081, dated March 19, 1981, based on the meeting with you on March 19, 1981. We believe the following modifications to the PWST pumphouse will satisfy your request that we take steps to contain minor leakage of processed water in that structure.

1. The door threshold will be raised to form a curb approximately 2 inches high.
2. A waterproofing sealant will be applied to all floor slab expansion joints similar to the treatment of the air intake tunnel cork expansion joint in the service building. This sealant will extend to a height of approximately 2 inches at floor/wall interfaces.

The above modifications should satisfy your concerns with respect to Criterion 60 of the General Design Criteria, Appendix A to 10CFR Part 50 (GDC 60). However, we wish to emphasize the fact that we have installed a storage system which includes two steel, epoxy lined, insulated and heat traced tanks and associated piping built to ASME B31.1 power piping code. We consider this system to be more than adequate for storage of water which, under any other circumstances, would be dischargeable.

Additionally, as we have discussed with you, we are re-examining the PWST radionuclides limits stated in our letter, TLL 395, dated October

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Mr. Lake Barrett

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9, 1980, to be consistent with the PEIS analysis of a PWST failure. We plan to discuss these revised radionuclide limits with you in the near future.

Sincerely,

/S/ G. K. HOVEY

G. K. Hovey  
Vice-President and  
Director, TMI-2

GKH:JJB:djb

cc: Dr. B. J. Snyder, Program Director-TMI Office