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January 11, 1980  
TLL 001

TMI Support  
Attn: R. H. Vollmer, Director  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Units I & II (TMI-1 & TMI-2)  
License Nos. DPR-50 & 73  
Docket Nos. 50-289 and 50-320  
TMI-I Liquid Waste Storage Capacity

The order regarding the use of EPICOR II required that suitable tankage at TMI-I would be maintained in an appropriate state of readiness should additional storage capacity for TMI-II waste become necessary. This requirement was implemented in accordance with R. C. Arnold's letter to you dated October 23, 1979 (GQL 1349). Currently, two empty reactor bleed tanks are being maintained ready for TMI-II waste water storage.

To make additional processed water storage space available in TMI-II, it was proposed that the TMI-II Borated Water Storage Tank (BWST) be drained to 100,000 gallons and refilled with processed water from EPICOR II. A recent change to the TMI-II technical specifications (John Collins letter dated December 18, 1979) has established the minimum TMI-II BWST contents at 100,000 gallons. Since none of the water in the BWST is accident related, the water to be drained from the BWST would be transferred to TMI-I. This water would be processed through a demineralizer/EPICOR I before being discharged to the environment or saved for future use in TMI-I. To save the borated water for TMI-I use, it will be necessary to store it, at least temporarily in the TMI-I reactor coolant bleed tanks.

It is requested that the bleed tanks currently maintained for possible TMI-II waste be used for this purpose. The transfer of the TMI-II BWST water to TMI-I meets the intent of the EPICOR II order and will make additional storage capabilities available in TMI-II.

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