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Service List

July 15, 1983

NRC/TMI-045

Docket No. 50-320

Mr. B. K. Kanga, Director
 Three Mile Island Unit 2
 GPU Nuclear Corporation
 P. O. Box 480
 Middletown, PA 17057

Dear Mr. Kanga:

Subject: Reserve Waste Water Tankage

Reference: (1) B. K. Kanga to L. H. Barrett, 4410-83-L-0140, same subject,
 dated July 13, 1983.

(2) B. K. Kanga to L. H. Barrett, 4410-82-L-0018, same subject,
 dated October 4, 1982.

In response to reference (1) the TMI Program Office staff has reviewed and concurs with your proposed plan to remove the Upper and Lower Tank Farm from the required reserve waste water tankage.

As per Facility Operating License, paragraph 2.E(3), GPU is required to retain suitable tankage that could be used to store waste water from the TMI-2 reactor building. Your proposed change would remove approximately 100,000 gallons of tankage (upper and lower tank farm) and add, as a minimum, 100,000 gallons from the free board established in the following tanks: (1) EPICOR II off-spec water receiving batch tank CC-T-1, (2) EPICOR II clean water receiving tank (CC-T-2), (3) Reactor Coolant Bleed Tanks (RCBT's "A", "B" and "C") and (4) Miscellaneous Waste Holdup Tank (MWHT). The actual free-board capacity, based on current tank inventories and expected waste generation from RCS draindown during underhead characterization studies, is approximately 200,000 gallons, and therefore this tankage provides adequate reserve margin for unexpected events. The adequacy of this reserve margin assumes the reactor building sump inventory does not exceed the GPU commitment made in reference (2) for both the tank farm and RB sump.

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July 15, 1983

The staff concurs with your basis for designating CC-T-1 and CC-T-2, including the dose rate considerations and operational aspects. These tanks, and the associated EPICOR II facility, also have the necessary monitoring and controls (i.e., radiation monitors, level indicators, ventilation effluent filters, etc.) to ensure safe waste storage, if required. The staff also recognizes that hard piping exist thereby eliminating the need for portable hoses, new connections, etc.

The staff agrees that the removal of the Upper and Lower Tank Farm from the required reserve waste water tankage is justified and necessary as part of the "A" pool refurbishment in preparation for the eventual defueling activities. Until the staff completes action on your License Amendment Request No. 3 (4410-83-L-0084, dated May 27, 1983), which requests deletion of all waste water tankage requirements, any further changes to specific tankage requires NRC approval.

Lake H. Barrett
Deputy Program Director
TMI Program Office

cc: J. Barton
J. Larson
J. Byrne
J. Chwastyk
R. Freemerman
E. Wallace

OFFICE	TMI:Po	TMI:Po				
SURNAME	PGC:wa	LHB:Barrett				
DATE	7/15/83	7/15/83				