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April 28, 1982
4410-83-L-0078

TMI Program Office
Attn: Dr. B. J. Snyder, Program Director
US Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

Three Mile Island Nuclear Station Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Recovery System Description and Technical Evaluation Report Update

In accordance with your letter of February 4, 1982, attached are the annual updates for the following Recovery System Descriptions:

- o Auxiliary Building Emergency Liquid Cleanup System (EPICOR II)
- o Solid Radwaste Staging Modules
- o Submerged Demineralizer System (SDS)

The EPICOR II System Description update consisted mainly of redesignating ALC-F-1 from a prefilter to a demineralizer as ALC-F-1 has historically been used as a demineralizer and not a filter. Other changes include the use of EPICOR II processed water for decontamination, and updating tables to reflect current data on system usage.

The Solid Radwaste Staging Module System Description has been updated to reflect changes made to the modules to support EPICOR II liner shipping.

The SDS System Description has been updated to reflect changes made to the SDS to support sampling and shipping of spent SDS vessels and other minor modifications. Due to the length of the SDS System Description, only those sections which were modified have been included (i.e., the text, Appendix 1, Appendix 10, and Appendix 16). Additionally, a recent modification to the SDS System allows pumping directly from the Reactor Building Sump to the SDS, bypassing the Tank Farm. The details of this modification will be included in a system description update which is currently in preparation.

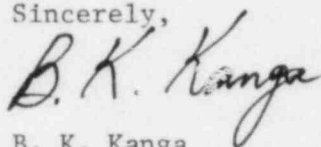
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The SDS Technical Evaluation Report is also in the process of being revised to reflect modifications needed to support post head lift activities. This revision of the TER will also provide its annual update. These documents (SDS System Description and TER) are anticipated to be submitted during June, 1983.

If you have any questions, please call Mr. J. J. Byrne of my staff.

Sincerely,



B. K. Kanga
Director, TMI-2

BKK/JJB/jep

Attachments

CC: Mr. L. H. Barrett, Deputy Program Director - TMI Program Office