



Metropolitan Edison Company
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Writer's Direct Dial Number

March 11, 1981
LL2-81-0070



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
Submerged Demineralizer System

This letter forwards our revised SDS Technical Evaluation Report. The revised TER incorporates changes necessitated as a result of our continuing re-evaluation of our decontamination plan.

The primary change described in the use of EPICOR-II as a polishing system for SDS effluent treatment. EPICOR-II utilization will provide for enhanced decontamination factors, primarily for the recalcitrant species and removal of trace radionuclides. Use of EPICOR-II has enabled the effective decontamination of 500,000 gallons of radioactively contaminated water in the Auxiliary Building.

Your letter, NRC/TMI-80-145, dated November 7, 1980, requests that we revise the SDS TER and forward comments and concerns. We will respond to those comments and concerns separately in the very near future.

We believe that the SDS, followed by EPICOR-II as an effluent polishing system, represents a viable and effective method for decontamination of the containment sump water and the RCS water. Your approval to operate this system is requested.

Approval
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Sincerely,

/S/ G. K. HOVEY

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

GKH:LJL:djb

Enclosure

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

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