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September 10, 1987 NRC/TMI-87-070 BBogar LChandler SLewis EJordan JPartlow FSchroeder WTravers

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Service List

Docket No. 50-320

Mr. F. R. Standerfer Vice President/Director, TMI-2 GPU Nuclear Corporation P. O. Box 480 Middletown, Pennsylvania 17057

Dear Mr. Standerfer:

Subject: Annual Update to the Interim Solid Waste Staging Facility (ISWSF)
Technical Evaluation Report

Reference: GPU Letter 4410-86-L-0110, F. Standerfer to W. Travers, Annual Update of ISWSF Technical Evaluation Report, dated June 26, 1986 (Revision 7)

The referenced letter forwarded for KRC review the most recent annual update to the Technical Evaluation Report (TEK) for the Three Mile Island Interim Solid Maste Studying Facility (ISWSF). This latest revision incorporates a more conservative dose calculation for an atriburne release from the ISWSF due to a posculated Operating Basis Earthquake (OBE).

The maximum dose to the public from an arborne release following ISMSF failure due to an OBE is via the inhalation pathway. Based on the more conservative assumptions used in the latest revision of the IER, the accidental dose to the public would be less than 3.8 area. The previous calculated dose was less than 0.03 area, however, this higher calculated dose due to ISMSF failure following an OBE does not present a significant risk to the public since this is only about 0.1 percent of the post accident dose

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guidelines of 10 CFR 100. In addition, the probability of an Operating meals Earthquake is low, and in the onlittly event that it occurs, gross failured the ISMSF resulting in an arrhoric release of its entire waste inventory is extressly qualitaly.

we therefore approve Revision 7 to the Technical Evaluation Report for the Interia Solid Waste Steging Facility.

Sincerely.

BRIGINAL SIGNED BY:

William D. Travers Director IMI-z Cleanup Project Directorate

cc: T. F. Demmisti

i. E. Royan

W. E. Posts

. Levin

. W. Miller

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