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September 28, 1998

1920-98-20426

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Gentlemen:

Subject: Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Thermo-Lag Fire Barrier Seismic Capability

As previously committed in GPU Nuclear's letter to the NRC dated June 12, 1998 (1920-98-20235), this letter provides the final results of the revised calculations addressing Thermo-Lag fire barrier seismic capability.

GPU Nuclear Calculation No. C-1302-814-E540-004, Revision 0, has been completed, design verified and issued on July 23, 1998. The scope of this calculation includes Thermo-Lag assemblies attached with wire instead of steel bands, assemblies not mounted against a structural volume such as a tray, conduit, or electrical box, box configurations around valves, conduit "T" wraps, and miscellaneous assemblies around supports and equipment anchor plates. This calculation also evaluates some assemblies attached with steel bands not covered in GPU Nuclear Calculation No. C-1302-814-E540-003 previously completed and summarized in the above referenced GPU Nuclear letter.

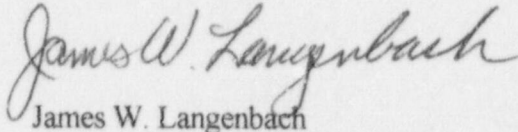
These two calculations constitute the structural evaluation of installed Thermo-Lag configurations at TMI-1. The results of both calculations have confirmed the seismic capability of these Thermo-Lag installations as originally described in GPU Nuclear's letter to the NRC dated October 31, 1995 (C311-95-2456).

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If any additional information is needed, please contact Mr. David J. Distel, Corporate Regulatory Affairs, at (973) 316-7955.

Sincerely,



James W. Langenbach
Vice President and Director, TMI

DJD

cc: Administrator, Region I - Hubert J. Miller
TMI-1 Senior Resident Inspector - Wayne L. Schmidt
TMI-1 Senior Project Manager - Timothy G. Colburn
File 94032