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June 17, 1997
6710-97-2253
E000-97-024

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

Dear Sir:

Subject: Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
GPU Nuclear Commitments Requested by NRC for Closure of the TMI-1
Generic Letter (GL) 89-10 Motor Operated Valve (MOV) Program

During the week of May 12 - 16, 1997 the NRC conducted a closeout inspection for Generic Letter (GL) 89-10, "Safety-Related Motor-Operated Valve (MOV) Testing and Surveillance," and GL 95-07, "Pressure Locking and Thermal Binding of Safety-Related Gate Valves." The purpose of this letter is to document the GPU Nuclear plans to resolve the remaining MOV issues. The NRC requested that we document these commitments to allow closeout of GL 89-10. Also included is the additional information requested by the NRC to resolve a GL 95-07 concern related to two Building Spray System valves (BS-V-2A and BS-V-2B).

In response to requests made by the NRC in a conference call on May 29, 1997 with Mr. Tom Kenny of NRC Region I, Mr. Tom Scarborough of NRR, and Mr. Mark Holbrook of INEL, GPU Nuclear makes the following commitments:

1. TMI-1 maintenance procedures for the MOVs will be revised to ensure that any work on valve internals is evaluated for potential effects on stem thrust requirements. This will ensure that post maintenance dynamic testing is considered when appropriate. These changes will be completed during the next operating cycle, TMI-1 Operating Cycle 12.
2. Modifications are planned for the Cycle 12 Refueling (12R) Outage for several of the MOVs to provide additional capability above design basis requirements. The 12R Outage is scheduled to begin in September 1997. It is noteworthy that the valves we intend to modify currently meet the requirements of GL 89-10 and the modifications are intended to increase the margins in available thrust or torque capability. As requested by NRC Region I, we will update the status of these modifications by letter following the outage along with providing the other information requested by the NRC as described in Item No. 3 below.

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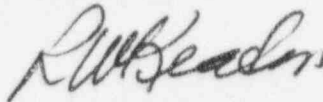


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- GPU Nuclear will submit a letter before the end of this year regarding the status of commitments provided in our letter dated August 5, 1996. This will include an update on the general status of the MOV Independent Review Team (self-assessment) findings where recommendations were made to resolve management issues as well as technical issues.

Additionally, during the conference call on May 29, 1997 the NRC requested that GPU Nuclear document our resolution of a pressure locking concern for Building Spray System valves BS-V-2A and BS-V-2B because our response to GL 95-07 did not indicate that these valves had been evaluated for pressure locking concerns. BS-V-2A and BS-V-2B were evaluated and there is no pressure locking concern because a) these MOVs have adequate capability to open even with the worst case bonnet pressure, and b) there is adequate time available for pressure to bleed off before the valves would be required to operate. The time period between isolation of the decay heat system and when these valves are required to be operable is approximately 24 hours. Therefore, there are no open issues regarding the BS-V-2A and BS-V-2B valves.

Sincerely,



R. W. Keaten
Vice President and Director, Engineering

MRK

cc: Administrator, NRC Region I
TMI Senior NRC Resident Inspector
TMI Senior NRC Project Manager