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March 6, 1995  
C311-95-2063

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

Gentlemen:

Subject: Three Mile Island Nuclear Generating Station, Unit 1, (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Core Reload Methodology

This letter transmits GPU Nuclear Topical Report TR-091, Revision 0, "Steady State Reactor Physics Methodology for TMI-1," for NRC review and approval for use in TMI-1 core reload evaluations. The CASMO-3/SIMULATE-3 code package is to be used for calculating TMI-1 nuclear physics data for in-house GPU Nuclear core reload design. This report addresses the application of CAMSO-3 and SIMULATE-3 computer codes in modeling TMI-1 cores and compares the results to actual plant operations data, thus demonstrating GPU Nuclear's capability to use these models in performing in-house physics analysis.

GPU Nuclear is planning to utilize in-house core reload design methods for the TMI-1 Cycle 12 core design. Cycle 12 core design activities are scheduled to commence April 1996 to support the Cycle 12 startup in October 1997. Three (3) remaining Topical Reports addressing GPU Nuclear in-house reload design methods for TMI-1 will be submitted by April 1995. GPU Nuclear is prepared to respond to any NRC review questions and to fully support the review process as necessary.

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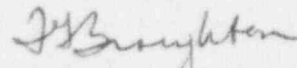
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If any additional information is required, please contact Mr. David J. Distel,  
GPU Nuclear Licensing at (201) 316-7955.

Sincerely,



T. G. Broughton  
Vice President and Director, TMI

DJD/plp

Attachment: GPU Nuclear Topical Report 091, Revision 0

c: Administrator, Region 1  
TMI Senior Resident Inspector  
US NRC Senior Project Manager, TMI-1