March 14, 1990
4410-90-L-0019/0356P

US Nuclear Regulatory Commission
Washington, DC  20555

Attention: Document Control Desk

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
SNM Accountability

Dear Sirs:

By NRC letter dated October 17, 1985, GPU Nuclear was granted exemption from certain requirements for periodic inventory and reporting of the special nuclear materials (SNM) balance for Three Mile Island Unit 2 (TMI-2). As a condition of the exemption, GPU Nuclear is required to conduct an assessment of the SNM remaining at TMI-2 following the completion of the defueling effort. This assessment is referred to in the exemption as the "post-defueling survey." GPU Nuclear letter 4410-88-L-0162 dated September 30, 1988, submitted the initial Post-Defueling Survey Reports (PDSRs).

As stated in that submittal, the PDSR documents the GPU Nuclear assessment of the amount of residual SNM and describes the methodology utilized to determine the quantity of SNM in each case. The attached PDSRs transmit the post-defueling survey results for the Reactor Vessel Head Assembly and the 'A' and 'B' Once-Through Steam Generators.

Additional PDSRs will be submitted as they are completed. A compilation of the individual PDSRs will form the basis for the final assessment of the quantity of residual SNM at TMI-2 for accountability purposes.

Sincerely,

M. B. Roche
Director, TMI-2

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation