



GPU Nuclear Corporation  
Post Office Box 480  
Route 441 South  
Middletown, Pennsylvania 17057-0191  
717 944-7621  
TELEX 84-2386  
Writer's Direct Dial Number:

March 1, 1985  
5211-85-2038

Dr. Thomas F. Murley  
Region I, Regional Administrator  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pa. 19406

Dear Dr. Murley:

Three Mile Island Nuclear Station Unit 1 (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Semi-Annual Effluent and Release Report

Enclosed is the TMI-1 Semi-Annual Radioactive Effluent Report for the period July 1 through December 31, 1984, submitted in accordance with TMI-1 Technical Specification Section 6.9.5.1. This report includes the Disposal and Release Data, the Joint Frequency Tables and the Summary of Individual Dose Accumulation for the period.

In accordance with NRC letter of March 30, 1983, to all Licensees regarding reporting of Off-Site Radiation Doses, we have included Table I, "Maximum Off-Site Doses and Dose Commitments to Members of the Public." Compliance with the dose design objectives in 40 CFR 190 are demonstrated by compliance with 10 CFR 50, Appendix I Off-Site Radiation Doses, and also by the fact that there are no other fuel cycle facilities within 8 kilometers of TMI-1.

TMI-1 Tech. Spec. Section 6.9.5.2 requires that changes to the Off-Site Dose Calculation Manual (ODCM) be reported in the Semi-Annual Effluent Report. The TMI-1 ODCM was revised effective August 31, 1984, and this revision is included as Attachment I to this Report.

TMI-1 Tech. Spec. Section 6.9.5.2 also requires that changes to the Process Control Program (PCP) be reported. The TMI-1 PCP was revised July 31, 1984, and is included as Attachment II to this Report.

Sincerely,

8503200247 850301  
PDR ADOCK 05000289  
R PDR

H. D. Hukill  
Director, TMI-1

HDH/JGB/spb  
cc: J. Van Vliet

Enclosures: Report Data, Joint Frequency Tables, Dose Summaries  
Attachment I (ODCM) and Attachment II (PCP)  
GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation  
0181A

1/1 IE 35