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August 31, 1984  
5211-84-2219

Dr. T. E. Murley  
Region I, Regional Administrator  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Dear Sir:

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

Enclosed is the TMI-1 Semi-Annual Radioactive Effluent Report for the period January 1 through June 30, 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. Compliance with the dose design objectives in 40 CFR 190 are demonstrated by compliance with 10 CFR 50, Appendix 1 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 Specs 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 Off-Site Dose Calculation Manual utilized from January 1 through June 30, 1984, was identical to the manual submitted with the August 31, 1983 report and there are no changes to report at this time.

TMI-1 Tech Specs Section 6.9.5.2 also requires that changes to the Process Control Program be submitted with this report. The Process Control Program

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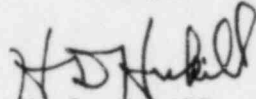
Dr. T. E. Murley

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utilized from January 1 through June 30, 1984 was identical to the program submitted August 31, 1983. This program was revised July 31, 1984, to comply with all 10 CFR Part 61 requirements per Generic Letter 84-12. A copy of this revised program will be submitted with the July 1 through December 31, 1984 Semi-Annual Report.

Sincerely,



H. D. Hukill  
Director, TMI-1

HDH:JGB:vjf  
Enclosure  
cc: J. Van Vliet

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