



**GPU Nuclear**  
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Writer's Direct Dial Number:

August 31, 1982  
4400-82-L-0149

Office of Inspection and Enforcement  
Attn: Mr. Ronald C. Haynes, Director  
Region I  
US Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Quarterly Dose Assessment Report - Second Quarter 1982  
Radioactive Effluent Release Report

Enclosed per the requirements of Section 3.2.c of Appendix B to the Recovery Technical Specifications is the Quarterly Report of radiological releases and estimated doses. Attachment 1 represents the summary of releases listing estimates of total activity of each nuclide and the time rate of release of each nuclide. Attachment 2 is the interpretation of Attachment 3, the Dose Summary Table. The reporting period includes the time period from April 1, 1982, to June 30, 1982.

The dose summary table presents a summary of the maximum hypothetical and/or real doses to individuals and the general population. These doses were extracted from the calculational models and are the bounding doses for all cases.

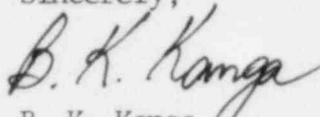
Also enclosed as Attachment 4, in accordance with the requirements of 10CFR50.36a(a)(2), please find two copies of Radioactive Effluent Release Reports for TMI Unit 2 and EPICOR II. Table 1B, "Effluent and Waste Disposal Semi-Annual Report, Gaseous Effluent-Elevated Releases", is not included as we have chosen to treat all releases as ground level releases for conservatism. Additionally, a "Typical Liquid Effluents LLD Values" table is not included for EPICOR II as no EPICOR II liquids were released.

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These reports cover the period of January 1, 1982, through June 30, 1982.

Sincerely,



B. K. Kanga  
Director, TMI-2

BKK/RBS/jep

Attachments

CC: L. H. Barrett, Deputy Program Director - TMI Program Office  
Dr. B. J. Snyder, Program Director - TMI Program Office