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March 7, 1983
4410-83-L-0051

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
Semi-Annual 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 October 1, 1982, to December 31, 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 10 CFR 50.36a(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 groundlevel releases for conservatism. Additionally, a "Typical Liquid Effluents LLD Values" table is not included for EPICOR II as no EPICOR II liquids were released. These reports cover the period of July 1, 1982, through December 31, 1982.

The submittal of this report was delayed four working days because of a schedule misunderstanding. This misunderstanding has been corrected with personnel involved.

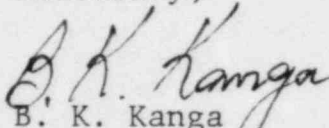
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If you have any questions regarding these reports, please feel free to contact Mr. J. J. Byrne of my staff.

Sincerely,


B. K. Kanga
Director, TMI-2

BKK/RBS/jep

Attachments

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