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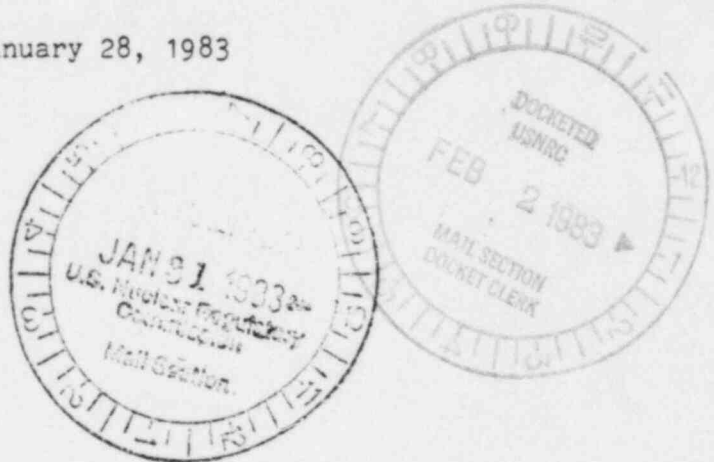
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 28, 1983

Mr. R. Dale Smith
U.S. Nuclear Regulatory Commission
Uranium Recovery Field Office
Mail Stop SS 476
7915 Eastern Avenue
Silver Spring, Maryland 20910



Dear Mr. Smith:

In the Matter of) Docket No. 40-1341
Tennessee Valley Authority)

Enclosed are two engineering data reports related to the Edgemont Uranium Mill decommissioning project (enclosure A, report No. 1, Preliminary Results of Geotechnical Investigation: Proposed Disposal Area; and enclosure B, report No. 2, Contaminated Materials Handling and Disposal Considerations). These technical data reports are based on geotechnical work recently conducted at the mill and disposal sites by the project contractor. The reports are provided now for your information and should not be considered final. Detailed interpretation and design related to the data contained in these reports will be developed and provided by TVA in later design plans to be submitted for your review and approval.

In particular, enclosure A presents the depth to shales of permeability in the range of 1×10^{-7} cm/sec at the disposal site. Based on previous limited subsurface investigations, these depths are greater than anticipated, and a review of design alternatives is now being conducted. This review will be provided to you in later design reports.

My November 2, 1982 submittal to you presented a schedule for submittal of the detailed engineering design plans. Enclosure A of the subject submittal listed a series of dates for submittal to you of individual engineering reports as portions of the overall design were developed. The intent was to obtain a part-by-part review and approval by NRC of our design plans and for TVA to proceed with work activities as approval and work schedules allowed. However, TVA has now decided that in order to ensure adequate control in overall project scope, design, and expenditures that the entire decommissioning design plan will now be developed after all draft input is available for TVA review. Subsequent to TVA review, the design proposals will be submitted to you as one complete package. Individual submittal dates presented in the November 2, 1982 letter are therefore no longer valid. July 1, 1983 will be the latest date for submittal of the decommissioning design plan package to you.

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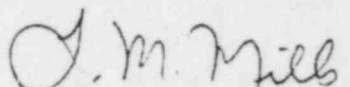
Mr. R. Dale Smith

January 28, 1983

Additional information of strictly a technical data nature, such as the two reports provided here, will still be provided for your information as it becomes available. If you have any questions regarding this matter, please get in touch with David Lambert of my staff at FTS 858-2739.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


L. M. Mills, Manager
Nuclear Licensing

Enclosures

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