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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

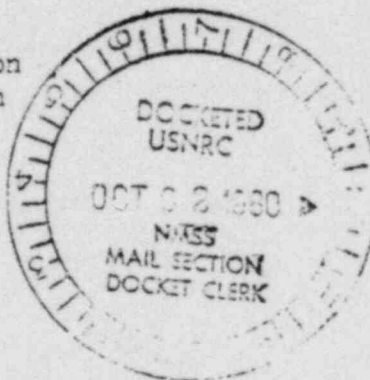
400 Chestnut Street Tower II

POOR ORIGINAL

September 19, 1980

Mr. Ross A. Scarano
U.S. Nuclear Regulatory Commission
Uranium Recovery Licensing Branch
Mail Stop SS 483
7914 Eastern Avenue
Silver Spring, Maryland 20910

Docket No. 40-1341



Dear Mr. Scarano:

Enclosed are 10 copies of Revision 5 (Enclosure 1) to the Edgemont Uranium Mill Decommissioning Plan Environmental Report (ER). This ER revision primarily provides additions to Section 3.3 concerning the geotechnical characteristics of the proposed disposal site and the long-term integrity of the proposed disposal system, and changes to the appropriate parts of Sections 3.2, 4.2, 4.4, 4.5, and 4.6. In addition, Section 4.8 is being revised to reflect the recent delay in the Edgemont mining and milling schedule. The Nonradiological Air Monitoring Plan for the Edgemont decommissioning project has been coordinated with the State of South Dakota, and is provided for incorporation in Appendix D of the ER.

Enclosure 2 (10 copies) provides information to respond to question Section 4.6.1.1.1, p. 4.6-1 in ER Supplement 1, page 1-15. The timeframe in which TVA plans to begin collecting additional water quality baseline data has been revised to 1981. Enclosure 3 (10 copies) reflects this change by revising Section 5.1.2, and by rewrite of a question response in ER Supplement 1, pages 2-6 through 2-9.

With this revision, we believe sufficient information has been provided to permit review of the adequacy of the proposed disposal site and disposal system design for tailings disposal and management. The proposed disposal site and disposal system design incorporate the appropriate protection features, as presented in the Generic Environmental Impact Statement (GEIS) on Uranium Milling, NUREG 0511, deemed necessary to afford an adequate degree of tailings isolation for partial above grade disposal. The proposed disposal site has been identified through a documented site selection process based on NRC and TVA criteria. Preliminary geotechnical study of the site has determined

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the site to be suitable for the proposed disposal system. Final engineering will develop the details of the disposal system, and verify the adequacy of the proposed disposal site and system for providing long-term tailings isolation.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills

L. M. Mills, Manager
Nuclear Regulation and Safety

Subscribed and sworn to before me
this 19th day of September 1980.

Notary Public *Paulette H. White*

My commission expires 9th 84

cc (Enclosures):

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