

40-1341

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37404

400 Chestnut Street Tower II



Mr. Ross A. Scavano
U.S. Nuclear Regulatory Commission
Mail Stop SS 483
7915 Eastern Avenue
Silver Spring, Maryland 20910

Docket No. 40-1341

Dear Mr. Scavano:

In a letter dated March 17, 1980, Hubert J. Miller of your staff provided clarification of tests required to determine strength and other engineering properties of foundation materials of TVA's preferred disposal site for the Edgemont uranium mill decommissioning.

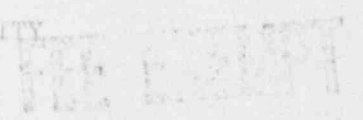
As a result of our review of the specific information listed in Mr. Miller's letter, we have the following modifications which TVA is planning to implement:

1. Item 1--The water pressure permeability test will be performed to a depth of 40 feet below the projected bottom of the impoundment area rather than 40 feet from the surface.
2. Item 9--This item suggests the installation of observation wells for ground water monitoring. Because of the extent of the shale (approximately 550 feet) below the proposed impoundment area, it will not be necessary to have observation wells in the shale. Information supporting this modification is provided in Sections 4.2.1.2, Ground Water, 4.2.2.2 Ground Water Quality, and 5.1.2.2, Water Quality, of TVA's environmental report for the Edgemont uranium mill decommissioning.
3. Item 11--The proposed disposal site will be investigated to determine the availability of material for the cap, cover, drain, and erosion materials. This information needs to be obtained before offsite areas are investigated to determine the amount of material required. It is not anticipated that a clay liner will be necessary.

The information requested will not be available before the end of June 1980 because of contractual arrangements that must be made.

Very truly yours,

TENNESSEE VALLEY AUTHORITY
[Signature]
L. N. Mills, Manager
Nuclear Regulation and Safety



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