

Docket 40-1341

PDR

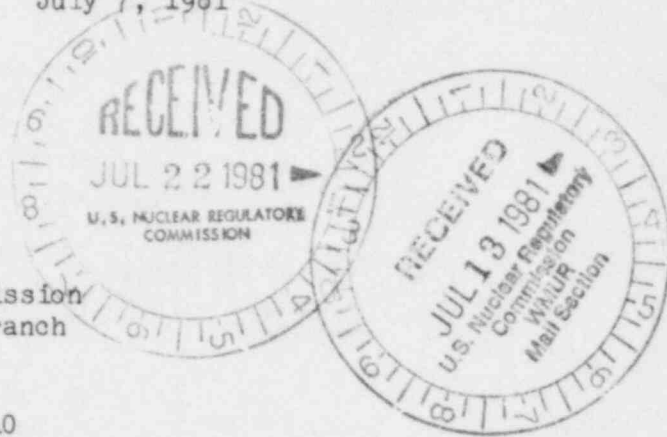
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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

July 7, 1981



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

Dear Mr. Scarano:

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

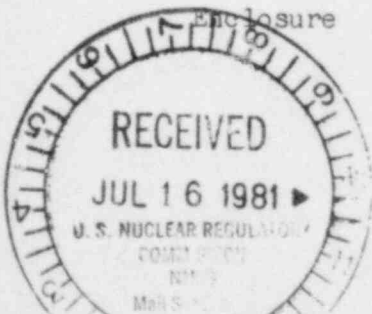
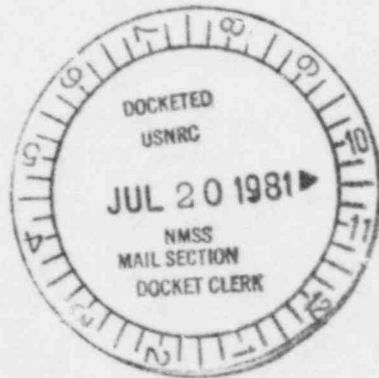
In view of the current status of the issuance of NRC's DES on the Edgewater Uranium mill decommissioning, TVA has rereviewed its plans for the decommissioning project. We have determined that it may be desirable for TVA to conduct certain preparatory work at the mill site in anticipation of actual decommissioning. Enclosed is a list of activities which we believe can be conducted under present license conditions before receipt of a license amendment for decommissioning. We have concluded that early commencement of the listed work may facilitate actual decommissioning once a license amendment is acquired, and would not preclude any decommissioning options reasonable available.

Assuming your concurrence with the proposed work, we will proceed with their implementation as feasible unless you notify us otherwise.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety



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PREPARATORY WORK ASSOCIATED WITH EDMONT DECOMMISSIONING

List includes items which could be initiated or could be completed before receipt of a license amendment from NRC.

1. Engineering and construction of a diversion ditch along the eastern boundary of the mill site. This diversion ditch will prevent storm runoff from reaching the tailings ponds and will allow natural dewatering of the tailings.
2. Geotechnical work on the existing site. This work will allow for a more accurate determination of the properties and quantities of contaminated material to be handled during decommissioning. Hydraulic conductivity studies will provide information needed to estimate the quantity of water to be handled during decommissioning as well as provide some information on migration of radionuclides.
3. Develop and implement plans for the necessary baseline environmental monitoring programs.
4. Based on geotechnical work, evaluate the needed changes in the configuration of Pond 10 and implement those changes. Pond 10 may need to be enlarged to provide the needed capacity for the potential slurry operation and to retain storm water runoff from the diversion ditch.
5. Property and property maintenance. Efforts are continuing to acquire all the property needed for the decommissioning project. Initiate necessary actions to prevent improper entry to TVA's recently acquired property.
6. Develop decontamination procedures for salvageable equipment and buildings.
7. Identify items with potential for salvage and resale so that disposition of these items can proceed.
8. Begin demolition of selected buildings and structures on the mill site.
9. Continue ongoing maintenance and monitoring activities at the mill site.