

Docket File 40-1341  
 LFMB/DCS/PDR  
 DBangart, RIV  
 RBrich  
 URFO r/f  
 SDDWNR  
 JRobertson, RCPD, SD

40-1341/RFB/85/07/11/2

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JUL 24 1985

URFO:RFB  
 Docket No. 40-1341  
 SUA-816, Amendment No. 17  
 04001341340E

MEMORANDUM FOR: Docket File No. 40-1341

FROM: Randall F. Brich, Project Manager  
 Licensing Branch 1  
 Uranium Recovery Field Office, Region IV

SUBJECT: REVIEW OF REQUEST FOR AMENDMENT TO EXCEPT A  
 DESIGNER'S RECOMMENDATION - TVA EDMONT  
 DECOMMISSIONING PROJECT

### Background

By letter dated June 20, 1985, from J. W. Hufham, TVA, to R. Dale Smith, NRC, TVA requested an exception to a specific disposal site contractor's recommendation. R. Dale Smith's May 16, 1985 letter committed TVA to adhere to all recommendations contained in Chapter 5 of Report No. 10, submitted September 19, 1983. The May 16, 1985 NRC letter also requested TVA address a number of specific suggestions gleaned from the same Chapter 5 of Report No. 10.

### Discussion

With regard to the NRC referenced contractor's recommendations, TVA stated that they intend to meet all except the following recommendations:

It is recommended that, during actual construction of the core liner and cap, an experienced inspector be present at all times in the borrow area (either the disposal basin excavation proper or material stockpile area) to ensure by visual inspection that no deleterious material (e.g., sandy zones, organic matter or the like) is incorporated in the fill.

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NAME :	:	:	:	:	:	:
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TVA requested that this recommendation be deleted and the following recommendation be added:

An inspector will be present only at the placement area when material is being obtained from stockpiles. When needed material is being directly excavated, an inspector will be present at the borrow area to ensure that the material is acceptable for its intended use.

The reason for this change involves the construction process envisioned by the contractor and the process that has actually been implemented. The contractor assumed that all borrow material would be excavated from its place of origin and transported to its intended fill area. However, TVA has stockpiled a large amount of borrow material to be used as fill, as construction progressed. During the original excavation of this material, it was examined and controlled for quality prior to stockpiling. This stockpiled material will be clearly identified regarding type of material so that equipment operators will obtain the correct material. Once the material is delivered to the placement area, the inspector will confirm that each load of material is suitable for the designed application.

Section 5.9.1 of MacLaren Engineers' Report No. 10, page 5-41, submitted September 19, 1985, states the following recommendation, "It is recommended that an experienced inspector be present full-time at the placement site to confirm the composition of the material..." Thus, TVA is already committed to having a full-time inspector present at the disposal area placement site.

Review of the original recommendation indicates that it is not necessary to require the presence of an inspector at the stockpile or borrow sites since there will be an inspector at the disposal site placement area.

#### Conclusion

Based on my review of the information provided, I conclude that deletion of the contractor's recommendation will not compromise the quality of the disposal site construction, since an inspector will be present full time at the placement area. Therefore, I recommend that Source Material License SUA-816 be amended by the addition of License Condition No. 19(E) to read as follows:

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19(E). Notwithstanding the requirements regarding adherence to construction suggestions in License Condition No. 19(A) and 19(B), the licensee is not required to maintain an inspector at either the stockpile or borrow sites during procurement of material.

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Randall F. Brich, Project Manager  
Licensing Branch 1  
Uranium Recovery Field Office  
Region IV

Original Signed By:  
Edward F. Hawkins

Approved by:

Edward F. Hawkins, Chief  
Licensing Branch 1  
Uranium Recovery Field Office, Region IV

Case Closed: 04001341340E

OFC	: URFO <del>BRICH</del>	: URFO <del>BRICH</del>	:	:	:	:	:
NAME	: RBrich/lv	: EHawkins	:	:	:	:	:
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