



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV
URANIUM RECOVERY FIELD OFFICE
BOX 25325
DENVER, COLORADO 80225

JUL 10 1985

WM Record File

WM Project

39

Docket No.

PDR

LPDR

URFO:SLW
URL 6

Distribution:

LRH DEM
Sollenberger
(Return to WM, 523-SS)

Gillen Baughn
Daisfield
23

MEMORANDUM FOR: Leo B. Higginbotham, WMLU
Division of Waste Management

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

SUBJECT: URFO COMMENTS ON THE DRAFT STANDARD REVIEW PLAN
(SRP) FOR GEOLOGIC-SEISMOLOGIC REVIEWS OF UMTRAP
DOCUMENTS

The URFO staff has reviewed in detail the draft SRP for Geologic-Seismologic Reviews of UMTRAP Documents. As a result of our review, the URFO staff found the document well written, concise and easily followed. Our only comments on the document content are as follows:

1. Section 1.2.2.3.1.2, Step (1) - The written discussion under Step (1) is unclear. Based on the written discussion, it appears that the largest earthquake associated with the tectonic province containing the proposed site should be moved to the site to determine the maximum peak horizontal acceleration for that province. For earthquakes in other tectonic provinces that could influence the site, the earthquake should be moved to the province boundary and attenuated to the site to determine a peak horizontal acceleration.
2. Section 1.2.2.3.1.2, Step (1), paragraph 2, second sentence - This sentence should read "If the former is greater than the latter..." so that if the maximum peak-horizontal bedrock-acceleration is greater than the maximum-practical design-acceleration, the viability of stabilizing the pile would be appraised.

8508010326 850710
PDR WASTE
WM-39 PDR

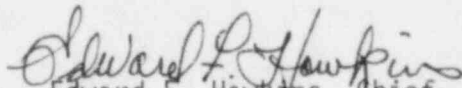
85 JUL 15 11:41

WM DOCKET CONTROL
CENTER

JUL 10 1985

3. Section 1.2.2.3.2, Surface Faulting - Limiting the distance to a capable fault to 3000 feet may not be adequate. The distance out from a capable fault in which surface disturbance occurs varies dependent on the type of fault (i.e., strike slip, reverse, etc.). This distance should either be increased to cover all types of faulting or the discussion expanded to recognize the type of capable faulting. In addition, the document should take potential liquifaction into consideration.

Should there be any questions regarding these comments, please contact Sandra L. Wastler of my staff at FTS 776-2811.



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