

Central File

APR 14 1994

Dr. Larry McKague
Geologic Setting Program Manager
Center for Nuclear Waste Regulatory Analyses
6220 Culebra Road
San Antonio, Texas 78228-0510

Dear Dr. McKague:

SUBJECT: COMPLETION OF INTERMEDIATE MILESTONE 20-5702-44--431 (REVIEW OF DOE TOPICAL REPORT (TR) "EVALUATION OF THE POTENTIALLY ADVERSE CONDITION 'EVIDENCE OF EXTREME EROSION DURING THE QUATERNARY PERIOD' AT YUCCA MOUNTAIN, NEVADA")

The U.S. Nuclear Regulatory Commission staff has completed its review of the subject document transmitted by cover letter dated March 30, 1994. I have discussed the subject document with the Section Lead (Harold Lefevre) and based on the task criteria provided in the staff tasking letter dated October 6, 1993, find that the subject document is an acceptable deliverable. However, included within this acceptance is the Center's agreement to provide, under separate cover, a letter report assessing the sufficiency of a 0.17 to 1.38 Ma time period (as proposed by DOE in the Extreme Erosion Topical Report) as a determinant of the presence or absence of the potentially adverse condition.

If you have any questions, please contact Harold Lefevre at (301) 504-3464).

Sincerely,

ORIGINAL SIGNED BY:

Keith I. McConnell, Program Element
Manager for Geology/Geophysics
Geologic Setting Program Element
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

cc: J. Linehan, PMDA
B. Meehan, CAB1/ADM

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