

February 14 , 1995

Mr. Ronald Milner, Director
Office of Program Management and Integration
U.S. Department of Energy, RW 30
1000 Independence Avenue SW
Washington, DC 20585

SUBJECT: REVIEW OF ANNOTATED OUTLINE FOR THE DEPARTMENT OF ENERGY TOPICAL REPORT, "SEISMIC DESIGN METHODOLOGY FOR A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN" (TR#2)

Dear Mr. Milner:

Your letter of January 26, 1995, to Joseph Holonich of the U.S. Nuclear Regulatory Commission requested the staff to review the annotated outline and apprise the Department of Energy (DOE) as to whether or not the subject matter qualifies as a topical report. Attached to your letter was a revised annotated outline (AO) which addressed NRC's major concerns regarding the TR#2 outline.

Based on the information you submitted and the review of the AO of TR#2, the staff considers the subject matter qualifies as a TR. However, based on the discussions during the videoconference on January 26, 1995, it appears that the following concern still remains. TR#2 addresses only pre-closure seismic design and does not address post-closure performance that may be impacted by pre-closure design. As stated during the videoconference, there are some components which have to be designed for both the pre- and post-closure performance. Therefore, the staff believes that DOE should avoid this separation of pre- and post-closure issues in the TRs.

Should you have any question on this, please contact Banad Jagannath at (301) 415-6653.

Sincerely,

/s/

Michael J. Bell, Chief
Engineering and Geosciences Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

cc: Attached DOE List

Ticket #: D-045

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