

Central File

JUN 9 1994

MEMORANDUM FOR: Joseph J. Holonich, Chief
 High-Level Waste and Uranium
 Recovery Projects Branch
 Division of Waste Management/NMSS

FROM: Michael J. Bell, Chief
 Engineering and Geosciences Branch
 Division of Waste Management/NMSS

SUBJECT: REVIEW DOE'S RESPONSE TO STAFF COMMENTS ON STUDY PLAN
 8.3.1.17.3.5, "GROUND MOTION AT THE SITE FROM CONTROLLING
 SEISMIC EVENTS."

The staff has completed its review of DOE's response to the staff comment on the above study plan. As discussed in our evaluation of the DOE response to our comment, DOE indicated that more information about empirical ground motion calculations will be discussed in Activity 8.3.1.17.3.3.1 which will be submitted in FY 1995. In addition, DOE in its response, dated February 14, 1994, indicated that they will provide additional information on the 10,000 year cumulative slip earthquake (CSE, SCA Comment 66) in mid-FY 1994. Therefore, the staff considers these comments are still open until the CSE information and Activity 8.3.1.17.3.3.1 are formally received.

If you have any questions concerning our evaluation, please contact A.K. Ibrahim at 415-6651.

Michael J. Bell, Chief
 Engineering and Geosciences Branch
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Enclosure: As stated

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COMMENT 1:

The five approaches identified on pages 2-2 and 2-3 as being potential methods for calculating ground motion are considered to be necessary, but do not include the full range of methods that should be considered.

Evaluation of DOE response:

- The NRC staff in its review of Study Plan 8.3.1.17.3.5 indicated that the 5 (five) approaches mentioned in the study plan should be supplemented by an empirical analysis approach. DOE in its response on February 14, 1994, to NRC comments stated that more information about the empirical ground motion will be discussed in Activity 8.3.1.17.3.3.1 to be submitted in FY 1995.
- Until this information is received and reviewed, the staff considers this comment open.