

MAR 17 1989 1 -

MEMORANDUM FOR: Melvin Silberberg, Chief  
Waste Management Branch  
Division of Engineering, RES

FROM: Ronald L. Ballard, Chief  
Geosciences & Systems Performance Branch  
Division of High-Level Waste Management, NMSS

SUBJECT: CENTER REPORT, "CRITICAL ASSESSMENT OF SEISMIC AND  
GEOMECHANICS LITERATURE RELATED TO A HIGH-LEVEL NUCLEAR  
WASTE REPOSITORY," AND SEISMIC/ROCK MECHANICS  
RESEARCH PROJECT PLAN

This is in response to your memorandum on the above subject, dated February 28, 1989. Cognizant staff of the High-Level Waste Management Division has reviewed the Center report on the above subject and three sets of comments are attached, two from the Geosciences and Systems Performance Branch (HLGP) and one from the Engineering Branch (HLEN). Due to the press of time, the comments have not been edited or integrated into a uniform attachment.

The draft report was reviewed using the current Research Program Plan as the basis for concluding whether or not the report accomplishes the goals established for Task 1. The proposed Seismic/Rock Mechanics Project Plan was also reviewed by the same individuals using the NMSS User Need Letter to examine if the outcome of the research project would provide the necessary support to the licensing review in a timely fashion. Comments developed are attached.

We understand that RES staff has also reviewed the above two products and will convey consolidated NMSS and RES comments to the Center. For activities similar to this in the future, we recommend that RES provide a draft Research Summary of its findings and the criteria as an aid for NMSS in evaluating such products. The Research Summary should be explicit with respect to defining which user's needs are being addressed in any given report so that the review process can be more focussed and efficient.

Dr. Mysore Nataraja of the HLWM staff has served as the point person for this review effort and you may contact him if you need further assistance on this.

151

Ronald L. Ballard, Chief  
Geosciences & Systems Performance Branch  
Division of High-Level Waste Management, NMSS

Attachments:  
As stated

NOTE: CONCURRENCE AND DISTRIBUTION, SEE NEXT PAGE..

8903200410 890317  
NMSS SUBJ  
414.4 CDC

Add: CNWRA  
Delete: TLSS

414.4  
NHXQ

NM/COMMENTS

MAR 17 1989

- 1 -

DISTRIBUTION:

Central Files  
JOBunting, HLEN  
MNataraja, HLEN  
DBrooks, HLGP

REBrowning, DHLWM  
JLinehan, HLPM  
DChery, HLGP  
JPearring, HLEN

BJYoungblood, DHLWM  
HLGP r/f  
PJustus, HLGP  
RWeller, HLEN

RLBallard, HLGP  
NMSS r/f  
SCoplan, HLGP

OFC	: HLEN	: HLEN	: HLEN	: HLEN	: HLEN	: HLEN	: HLEN	: HLEN
NAME	: MNataraja/cj	: RWeller	: JOBunting	: RLBallard	:	:	:	:
DATE	: 3/16/89	: 3/17/89	: 3/17/89	: 3/ /89	:	:	:	:

Add: CNUWA  
Delete: TLSS

NHXG