

108.14/MB/89/03/30/2

- 1 -

MAR 31 1989

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

FROM: Ronald L. Ballard, Chief
Geosciences & Systems Performance Branch, HLWM

SUBJECT: NRC TECHNICAL POSITION: SEISMIC HAZARD EVALUATION FOR
A GEOLOGIC REPOSITORY

An internal draft of the revised seismo-tectonic technical position (TP) is enclosed for review by the Office of Research (RES). In response to comments received, this second version of the internal draft has undergone considerable revision since the initial version was issued in November 1988. Since this document involves suggesting the use of 10CFR100, Appendix A for evaluating the seismic hazard at a geologic repository, it is appropriate that NRC staff most familiar with the application of Appendix A to nuclear power plants be given the opportunity to review and comment on this suggested additional application. Staff of the Structural and Seismic Engineering Branch (SSEB) have reviewed earlier versions of this position. We suggest that a seismologist in the SSEB review the enclosed TP. Review criteria are given in Appendix A of Waste Management Policy No. 46, "Work Plan for the Development of Technical Positions." A copy of this appendix is also enclosed. SSEB staff's comments on this TP are solicited in order that the Geosciences and Systems Performance Branch (HLGP) staff may prepare the final draft for external review by June 30, 1989. We would appreciate receiving the comments by May 12, 1989 to allow sufficient time to make any additions or corrections before the June 30, 1989 target date. If you have any questions concerning this document, please contact Michael Blackford of the HLGP staff at X20524.

Ronald L. Ballard, Chief
Geosciences & Systems Performance Branch, HLWM

Enclosures:
As Stated

8904050460 890331
NMSS SUBJ
108.14 CDC

DISTRIBUTION:

Central Files	REBrowning, DHLWM	BJYoungblood, DHLWM	RLBallard, HLGP
JOBunting, HLEN	JJLinehan, HLPD	HLGP r/f	NMSS r/f
TLSS	CNwRA	NUDOCS-Abstract	PSJustus, HLGP
MEBlackford, HLGP			

1/0

0066

OFC	:HLGP <i>MB</i>	:HLGP <i>MB</i>	:DHLWM	:HLGP <i>MB</i>	:	:	:
NAME	:MEBlackford	:PSJustus	:EKraus	:RLBallard	:	:	:
DATE	:03/31/89	:03/31/89	:03/30/89	:03/31/89	:	:	:

Add: ACNW

108.14
NHXC