

MAY 15 1986

- 1 -

MEMORANDUM TO: King Stablein
Program Manager, NNWSI, WMRP

THROUGH: Paul Prestholt
OR, NNWSI

FROM: Charlotte Abrams
Geology/Geophysics Section, WMGT

SUBJECT: Trip report, 4/29-30/86, to SAIC Offices,
Las Vegas, Nevada

PERSON CONTACTED: Jean Younker (SAIC), meeting head

PURPOSE OF TRIP: To attend a joint meeting of DOE and DOE contractors on seismic and tectonic issues and to improve my knowledge of planned seismo-tectonic investigations at NNWSI.

ACCOMPLISHMENTS: On 4/29-30/86 DOE representatives and DOE contractors representatives met in Las Vegas, Nevada, to plan and prepare for a proposed DOE/NRC seismo-tectonics meeting on the proposed Yucca Mountain HLW repository. My presence at this meeting enabled me to gain some insight into what DOE and their representatives consider to be issues and items which need addressing at the pending meeting. This knowledge will assist me and other members of the Geology/Geophysics section in preparation for said meeting.

As a representative of the NRC my role at the meeting was as an observer and as such I did not receive any hand-outs or actively participate in the meeting.

PROBLEMS ENCOUNTERED: None.

PENDING ACTIONS: The DOE is proposing that the seismo-tectonics meeting be held in July, 1986. Objectives of the proposed meeting include: agreement on the interpretation of 10CFR60 in the context of waste management; agreement on the terms, anticipated and unanticipated; and development of an acceptable methodology for preclosure. In the next months DOE also plans to develop acceptable methodologies for parametric analysis, ground motion risk assessment, and surface fault rupture assessment, and to develop topical reports on processes and effects of seismo-tectonic events on hydrologic factors.

Preparation for a seismo-tectonics meeting with the DOE should be initiated pending the recommendations listed below.

8607010060 - 2pp.

RECOMMENDATIONS: Some resolution of definition of anticipated and unanticipated is encouraged before preparation for any interaction with the DOE in the area of seismo-tectonics is initiated. Meeting preparation should include development of a tectonic model for the Yucca Mountain area.

Original Signed By

Charlotte Abrams
Geology/Geophysics Section, WMGT