

TRIFUNAC MEMO

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MEMORANDUM FOR: Wayne Walker  
Operations Branch  
Division of High Level Waste, NMSS

FROM: Charlotte Abrams  
Geology/Geophysics Section  
Technical Review Branch  
Division of High Level Waste, NMSS

SUBJECT: MEETING WITH DR. MIHAILO TRIFUNAC

On Thursday, July 16, 1987, Dr. Mihailo D. Trifunac, consultant to the ACRS, met with representatives of the Technical Review Branch, Geology/Geophysics Section for informal presentations and discussions on the Yucca Mountain proposed HLW site (see attendance list, attached). Presentations included a general overview and listing of key geologic concerns by Charlotte Abrams; a discussion of possible tectonic models for the site, volcanism, stress, and areal and site specific faults by Keith McConnell; a discussion of seismicity in the Yucca Mountain area by Michael Blackford; and discussion and explanation of performance assessment, application of the EPA standard, and the problem of unanticipated and anticipated events by John Trapp. In addition, Dr. Trifunac was given a copy of 1) a compilation (with references) of faults and fault parameters within approximately 100-150 km of the Yucca Mountain site, 2) a NRC internal memorandum on volcanism at NNWSI, and 3) material from a Sandia conducted short course and seminar on performance assessment presented to the NRC November 12-14, 1986.

ORIGINAL SIGNED BY

Charlotte Abrams  
Geology/Geophysics Section  
Technical Review Branch  
Division of High Level Waste, NMSS

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