

MAY 04 1990

MEMO TO BCS

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MEMORANDUM FOR: John L. Linehan, Director  
Repository Licensing and Quality  
Assurance Project Directorate, HLWM

Joseph O. Bunting, Chief  
Engineering Branch, HLWM

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

FROM: Robert E. Browning, Director  
Division of High-Level Waste Management, HLWM

SUBJECT: REQUEST FOR ACCELERATED REVIEW OF SANDIA DRAFT REPORT  
(FIN A1165) FROM SUBTASK 3.2

I am requesting your assistance in providing review comments from your branch on the enclosed draft report by close of business, Friday, May 18, 1990. The report is "Techniques for Determining Probabilities of Events and Processes Affecting the Performance of Geologic Repositories, Volume II--Suggested Approaches." It is a deliverable under Subtask 3.2 of FIN A1165.

This is the second of two volumes on techniques for determining probabilities. The first volume reviewed the literature for five areas. This volume addresses generic approaches to calculating probabilities in three of the areas: climatology, tectonics and resource exploration. Sandia presents a slightly different variation on the generic methodology for each of the areas because of differences in the available sources of information.

As stated in my memorandum to you dated December 27, 1989, it is necessary to accelerate the reviews of reports from Sandia Contract FIN A1165 because this long term contract with Sandia is coming to a close. This is the fourth of five draft reports that have been delivered within a four month period. The structure of the report is such that the review time for individuals can be shortened by selecting the area(s) of particular interest for a given discipline.

*Enclosure. See Jacket*

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