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WM Project 10, 11, 16  
 Docket No. \_\_\_\_\_  
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A0297  
 426.1/MB/86/09/18/0

Distribution: SEP 23 1986

Dr. Dae Chung  
 Staff Scientist  
 Lawrence Livermore National Laboratory  
 University of California  
 Livermore, CA 94550

(Return to WM, 623-SS)

Dear Dr. Chung:

In accordance with Task II of Contract A-0297, I request that you initiate the task described below. The task, which entails the development of a volcanic hazards assessment for the Yucca Mountain, Nevada vicinity, is considered to be a supportive element of Subtask 1.1 involving updating of an issue-oriented STP.

The specific assistance requested is:

1. In close coordination with the NRC staff, prepare a compilation, from DOE sources, of DOE's position on the volcanic hazards potential of the site.
2. Develop a bibliography including non-DOE/NRC generated reports and NTS reports which relate to volcanic hazards applicable to the Yucca Mountain site.
3. Prepare assessments of the available subsurface and geophysical data on potential magma bodies, subsurface plutons, and volcanic hazards.
4. Based on the DOE's position and the available information on volcanic hazards, compile a list of current concerns with respect to volcanic hazards.
5. In close coordination with the NRC staff, assist in the integration of the volcanic hazards potential into an updated issue-oriented STP on the regional tectonic picture.

It is anticipated that the task described above shall require three staff-weeks of effort to be accomplished over a period of four months. A topical report shall be submitted to the NRC by January 1, 1987.

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The action taken by this letter is considered to be within the scope of the current contract (A-0297). No change in costs or delivery of contracted products is authorized. Please notify me immediately if you believe that this letter would result in any changes to costs or delivery of contract products.

Sincerely,

*MB*

Michael E. Blackford, Project Manager  
Geology/Geophysics Section  
Geotechnical Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

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OFC	: WMGT	<i>MEB</i>	:	:	:	:	:	:
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