

Lawrence Livermore National Laboratory

WM DOCKET CONTROL
CENTER

NUCLEAR SYSTEMS SAFETY PROGRAM
L-196

September 10, 1986

86 SEP 23 P4:29
Mr. Michael E. Blackford
Project Officer, MS-623ss
Geotechnical Branch (WMGT)
Division of Waste Management, NMSS
Office of Nuclear Materials Safety and Disposition
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

WM Record File

WM Project 10, 11, 16

Docket No. _____

PDR ☒

LPDR B, N, S

Blackford

Team - Ticket

Still

(Return to WM, 623-SS)

SUBJECT: Monthly Management Letter Report No. 1
Progress for the Month of August 1986
NRC FIN A0297
Technical Assistance in the Identification and
Evaluation of Seismo-Tectonic Issues Related to
Repository Site Characterization Plans

Dear Mr. Blackford:

This is our Monthly Management Letter Report No. 1 under the subject
NRC FIN Number A0297.

1. PROGRESS - AUGUST 1986

General Task:

A project coordination meeting was held in Livermore on 15 August
1986 between the NMSS project officer (Blackford) and LLNL project leader
(Chung).

We have prepared our Form 189 for the subject project: "Technical
Assistance in the Identification and Evaluation of Seismo-Tectonic Issues
Related to Repository Site Characterization Plans" in accordance with NRC's
Form 173 request. We submitted a draft 189 document for NRC review and
comments on 28 August 1986.

BWIP:

No specific task order has been received.

NNWSI:

No specific task order has been received.

Under the A0294 project as well as the present project, we are in
close coordination with Ms. C. Abrams, a lead WMGT geologist for the NNWSI
site. Work plans for assessing volcanic hazards at the NNWSI site and its
vicinity have been made as follows:

B610230117 B60910
PDR WMRES EXILL
A-0297 PDR

- (1). LLNL in close coordination with NRC staff prepare a compilation from DOE sources of DOE's position on volcanic hazards potential of the site.
- (2). LLNL develop a bibliography including non-DOE/NRC generated reports and NTS reports which relate to volcanic hazards applicable to the Yucca Mountain site.
- (3). LLNL prepare an assessment from subsurface and other geophysical data of potential magma bodies, subsurface plutons and volcanic hazards.
- (4). LLNL in close coordination with NRC staff develop an assessment of current technical concerns with respect to volcanic hazards.
- (5). LLNL develop an integration of volcanic hazards potential into the regional tectonic picture.

Our work on these subtasks have begun under the A0294 project, and this work is likely to be completed under the A0297 project.

SALTS:

No specific task order has been received.

2. PLANS FOR NEXT MONTH

A project coordination meeting for the A0297 project is desired in the October/November 1986 time frame.

A data review and workshop meeting is planned for BWIP and NNWSI sites in October/November 1986.

3. ESTIMATED PROJECT FINANCIAL STATUS

The initial \$50K of the budgeted \$100K was received. The account is being initiated at LLNL. No financial statement is available at the present time.

4. LIST OF CONSULTANTS/SUBCONTRACTORS

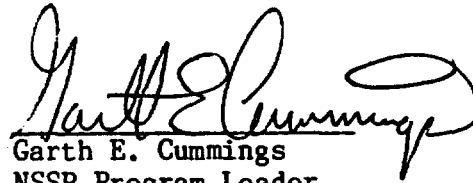
D. B. Slemmons and Associates
Richard W. Galster
Charles (Rus) Purcell
Robert J. Wright

5. PROJECT CONCERNS

None.



Dae H. (Danny) Chung
Project Leader



Garth E. Cummings
NSSP Program Leader

cc: K. Anderson, LLNL/NSSP
W. J. Gallagher, DOE/SAN
E. Davis, NRC/NMSS
J. M. Johnson, LLNL/NSSP
P. S. Justus, NRC/WMG
J. S. Trapp, NRC/WMG