



Lawrence Livermore National Laboratory

WM DOCKET CONTROL CENTER NUCLEAR SYSTEMS SAFETY PROGRAM
L-196

November 5, 1986

'86 NOV 10 P12:40

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

WM RES
WM Recrd File
A0297
LH

WM Project 10, 11, 16
Docket No. _____
PDR ✓
LPDR B, N, S

*Blackford *Joanne - ticket
*STILL
(Return to WM, 623-SS)

SUBJECT: Monthly Management Letter Report No. 3
Progress for the Month of October 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. 3 under the subject
NRC FIN Number A0297.

1. PROGRESS - OCTOBER 1986

BWIP:

No new work was accomplished during this reporting period.

NNWSI:

In accordance with the NRC task letter dated 23 September 1986, we
are presently developing a volcanic hazards assessment for the NNWSI site,
Yucca Mountain, Nevada vicinity. We are making good progress on this task;
we expect to accomplish this work in accordance with our work plans by
January 1987 under the A0297 project.

SALTS:

No new progress was made during this reporting period.

2. PLANS FOR NEXT MONTH

A project coordination meeting is scheduled for mid-November 1986.

The state of in-situ stresses at the BWIP site is of significant
factor in our work under goals of the A0297 project. We need to examine
this subject closely prior to our review and evaluation of the BWIP SCP
report and update. Similarly, for the NNWSI site, we need to examine
borehole elongation and its relation to tectonic stresses at the NNWSI site

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and its vicinity.

A task letter dated 31 October 1986, which requests our review and evaluation of the final draft report entitled "Survey of Geophysical Techniques for Site Characterization in Basalt, Salt, and Tuff," was received. As soon as we receive this draft report, we will conduct our review and evaluation.

3. ESTIMATED PROJECT FINANCIAL STATUS

See ATTACHMENT A. The Attachment A will become available in late November 1986. We will submit it when it becomes available.

4. LIST OF CONSULTANTS/SUBCONTRACTORS

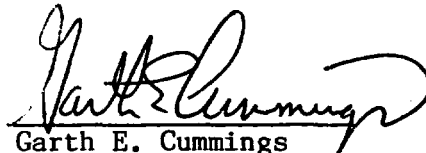
D. B. Slemmons and Associates
Richard W. Galster
Charles (Rus) Purcell
Robert J. Wright

5. PROJECT CONCERNS

A workable budget for FY87 needs to be developed.



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

ATTACHMENT A

ESTIMATED PROJECT FINANCIAL STATUS:*(
(Figures given in thousands.)

SEPT-86

FIN A0297

Summary

Cost Analysis:*	SEPT 86	Year to Date
I Direct Staff Effort (FTE's)	0.5	0.5 **
II Direct Labor Costs	3.3	3.3
Material & Services	0.0	0.0
ADP Support	0.0	0.0
Subcontracts	0.0	0.0
Travel Expenses	0.0	0.0
Indirect Labor Costs	2.8	2.8
Other (Recharge)	0.1	0.1
Other (FY85 Unbilled Costs)	0.0	0.0
General & Administrative	1.0	1.0
Total Costs	7.2	7.2
Liens		0.0
Total Costs & Liens		7.2
Percentage of Available Funds		9.6%

III Funding Status

Prior Year Carryover	FY 1986 Projected Funding Level	FY 1986 Funds Rec'd to Date	FY 1986 Funding Bal. Needed
25.0	400.0	75.0	300.0

* Note: These figures are for cost analysis only, and may differ slightly from final billing figures.

** FTE average.