



LAWRENCE LIVERMORE LABORATORY

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SM80-208

September 8, 1980

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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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Subject: Monthly Management Letter No. 11
for month of August, 1980
NRC FIN A-0225 and FIN A-0242
On-call Technical Assistance for Seismic Input and Analysis
Techniques.

Program Objective, Scope, and Progress

Provide on-call technical assistance to the DOR/Engineering Branch, and the Structural Engineering Branch, as required, and help in defining topics for additional study.

Projects currently identified, and their status, include the following:

DOR Engineering Branch

- o Seismic Review of El Centro Steam Plant
Task Leader: T. A. Nelson

The purpose of this task is to provide an estimate of the level of acceleration the plant and equipment experienced during the 1979 Imperial Valley earthquake.

The priority of this project was increased due to an NRC request for a document summarizing this effort for the upcoming Diablo Canyon hearings.

Bob Campbell from SMA was added to the project team to assist in the equipment area. He made a site visit in August with the specific purpose of estimating equipment frequencies.

During the month of August all appropriate LLNL and contractor manpower was put on this task to complete the analysis and document the results for the hearing.

The draft report was completed and transmitted to NRC for comments on August 28, 1980.

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Structural Engineering Branch

- o Provide support on Diablo Canyon Systems Interaction Program for Seismic-Induced Events.

At the request of NRC T. Y. Chuang is scheduled to attend the Diablo Canyon hearings with other members of the Seismic Systems Interaction Program.

- o Other work for SEB

No additional technical assistance is underway. We are waiting for an NRC request before beginning work.

Funding

Reference NRC Funding Letter on FIN A-0225 dated October 29, 1980 and NRC Funding Letter on FIN A-0242 dated January 15, 1980. Verbal instructions from Joe Martore and Howard Levin on transfer of remaining dollars and technical contacts.

	<u>FIN A-0225</u>	<u>FIN A-0242</u>
Initial Amount	\$60K	\$25K
Amount Spent Through August, 1981	\$36K	\$35K
Remaining Amount	\$24K	\$ 2K

FIN A-0242 dollars have been used to prepare a NUREG Document summarizing NRC and LLNL efforts on the El Centro Steam Plant. This involves a \$5K subcontract to SMA for equipment assistance.

NRC Contacts: J. Martore/H. Levin

LLNL Contacts: R. Murray/T. Nelson

FIN A-0225 remaining dollars will be utilized by SEB for technical assistance. We plan to use some of these dollars to complete the NUREG document on El Centro. Currently we are waiting for an NRC request to begin work.

NRC Contacts: P. T. Kuo/K. C. Leu

LLNL Contact: R. C. Murray

Robert C. Murray

Robert C. Murray
Program Leader

Frank J. Tokarz

Frank J. Tokarz
NRC Safety Program

RCM/FJT

CC:

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