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FEB 04 1987

MEMORANDUM FOR: Philip S. Justus, Acting Chief  
Geotechnical Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

FROM: Harold E. Lefevre, Project Manager  
Geology/Geophysics Section  
Geotechnical Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: PROPOSAL PRESENTATION BY DR. D. B. SLEMMONS

Dr. D. B. Slemmons presented his November 26, 1986, preliminary proposal (see Enclosure A) to the NRC on January 13, 1987, suggesting that supplemental studies (aerial and field) be considered in order to fully assess the earthquake potential of the Yakima Fold Belt. The proposal is titled "Remote Sensing and Related Seismotectonic Analyses for Faults and Folds of the Yakima Fold Belt, Washington." Staff attendees (see Enclosure B) included representatives of NMSS, NRR, and Research. Proposal presentation summary notes are attached (see Enclosure C).

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Harold E. Lefevre  
Geology/Geophysics Section  
Geotechnical Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Enclosures (3):  
As stated

WM Record File

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ENCLOSURE A

December 4, 1986

MEMORANDUM

TO: Dae Chung, L-196  
Lawrence Livermore National Laboratory  
P. O. Box 808  
Livermore, CA 94550

FROM: Burt Slemmons

A preliminary proposal for a remote sensing study of tectonic structures near Hanford, Washington region. This is a more complete version of the proposal that I sent to you during the spring. I was asked by Harold LaFevre to discuss the need for this study at NRC between January 12th and 14th.

The proposed studies are important for review of the seismotectonic setting at the BWIP, proposed high level nuclear waste repository, and is related to studies that I have made with NNR staff for the WPN-2 Nuclear Power Plant at Hanford. Please add any comments that you and Larry McKague have and forward as soon as possible to U.S. NRC.

The preliminary budget is incomplete and does not have your input or Larry's.

I have also added several papers that I believe are useful in reviewing this proposal and suggest that copies be sent to Harold La Fevre, and Ina Alterman.