



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

January 15, 1986

Jeanne Rensel, State of Washington

As you requested, enclosed are two documents:

1. 12/10/85 ltr to JPalladino fm DWard, ACRS,
re comments on 10 CFR Part 60, Definition
of High-Level Waste
2. Ltr report dtd 7/30/85 fm DChung to MBlackford
under FIN A0294, Effects of Earthquakes
on Underground Facilities: Literature
Review and Discussion (UCID-20505)

Please let me know if you need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Nancy Still".

Nancy Still
Division of Waste Management

cc: DMattson
CRussell

File
409.53

Sac



Lawrence Livermore National Laboratory

NUCLEAR SYSTEMS SAFETY PROGRAM

L-196

rev 8/5/85 (PS)
Published slightly modified
as UCID 20505

July 30, 1985

Mr. M. E. Blackford, MS-623ss
Project Officer
Geotechnical Branch, WMGT
Division of Waste Management, NMSS
US Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Transmittal of Report "Effects of Earthquakes on Underground
Facilities: Literature Review and Discussion," by LLNL.

Reference: FIN A0294

Dear Mr. Blackford:

This is to transmit the subject report dealing with (1) our results of the literature review concerning the effects of earthquakes on underground facilities and (2) our identification of those parameters of an earthquake and other energy sources which control strong ground motion in the subsurface within a tens of meters to a few kilometers of the source.

We have conducted this work in accordance with your Task Letter dated May 29, 1985, as amended.

If you have any questions, please let us know.

Sincerely yours,

Daë H. Chung
Project Leader

DHC/ic
Enclosure as stated.

cc: P. S. Justus, WMGT
M. R. Knapp, WMGT
H. J. Miller, WMRP