



United States Department of the Interior



GEOLOGICAL SURVEY
BOX 25046 M.S. 966
DENVER FEDERAL CENTER
DENVER, COLORADO 80225

IN REPLY REFER TO:

March 15, 1989

Robert Rothman
U.S. Nuclear Regulatory Commission
Mail Stop 8D22
Washington, D.C. 20555

Dear Bob:

The empirical analyses of vertical strong ground motion for the Diablo Canyon site have been completed and are summarized in the accompanying preliminary report. Ground-motion parameters analyzed are the vertical components of peak acceleration, peak velocity, and 5-percent damped pseudorelative velocity response spectra at 15 periods ranging from 0.04 to 4.0 sec. A comprehensive report will be submitted upon completion of the study.

I have sent a copy of the report to Lloyd Cluff so that he would have a copy immediately. However, you should still send PG&E a copy of the report through your formal distribution.

Sincerely,

Kenneth W. Campbell
Research Civil Engineer

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