

September 18, 1970

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In the Matter of Pacific Gas & Electric Company
Diablo Canyon Unit 2
Docket No. 50-323

Gentlemen:

Transmitted herewith are two maps, one (designated as map D) depicting the location of certain onshore faults in the general vicinity of the Diablo Canyon Unit 2 site and prepared by Mr. Waldron of the U. S. Geological Survey, and the other (designated as map E) depicting the location of certain offshore epicenters and prepared by Mr. Devine of the U. S. Coast and Geodetic Survey.

The map depicting the location of onshore faults submitted by Mr. Vrana (designated map C) does not show the location of the Nacimiento, East Huasna, or West Huasna faults while map D does show these faults because we believe that this would be helpful to the board. Maps C and D agree on the location of the Edna fault except that on map D the Edna fault extends to the vicinity of Hazard Canyon in the northwest. This is in accordance with the AEC regulatory staff's testimony in the supplemental report from the U. S. Geological Survey. In order to aid the board in evaluating the testimony of all of the parties we have included the so-called "Los Osos" fault on map D. The representation of the so-called "Los Osos" fault on map D is based upon map C submitted by Mr. Vrana and should not be construed as an agreement by the staff that such a fault exists.

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The map submitted by Mr. Vrana depicting the location of offshore epicenters (designated as map A) omits the magnitude 5.9 event of October 22, 1969 (listed fourth in the table attached to the supplemental report from the U. S. Coast and Geodetic Survey) but includes three events occurring since June 12, 1969, that were not included in the U. S. Coast and Geodetic Survey supplemental report.* The staff agrees that these three additional events have occurred, and has included them, along with the 25 events listed in the table attached to the supplemental report, in map E.

Sincerely,

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Martin G. Malsch
Counsel for AEC Regulatory Staff

Enclosures:
As stated

cc: Philip A. Crane, Jr., Esq.
Mr. Frederick Bissler
Mr. Ian I. McMillan
Mr. Hal Stroube
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Mr. Stanley T. Robinson, Jr.

bcc: OGC Files Beth/G'twn/Docket
REG Reading
MGMalsch
DRL

*We do not construe the square in the upper right hand corner of map A as depicting offshore epicenters but rather as depicting the location of onshore epicenters occurring in the area of California "underneath" the square.

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