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OCT 25 1977

Docket No. 50-275
aadd50-323

MEMORANDUM FOR: John F. Stolz, Chief, Light Water Reactors Branch No. 1
FROM: Dennis P. Allison, Project Manager, Light Water Reactors Branch No. 1
SUBJECT: DIABLO CANYON SEISMIC DESIGN

The enclosed draft material was provided informally by PG&E. The final version of this material was included in a probability study submitted by PG&E on October 11, 1977.

The purpose of this memorandum is to make the draft material available in the Public Document Rooms.

Dennis P. Allison, Project Manager
Light Water Reactors Branch No. 1
Division of Project Management

Enclosure: As stated

cc: See page 2

OFFICE	LWR 1					
SURNAME	D. P. Allison					
DATE	10/ /77					

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John F. Stolz

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OCT 25 1977

Pacific Gas and Electric Company
ATTN: Mr. John C. Morrissey
Vice President & General Counsel
77 Beale Street
San Francisco, California 94106

Philip A. Crane, Jr., Esq.
Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94106

Janice E. Kerr, Esq.
California Public Utilities Commission
350 McAllister Street
San Francisco, California 94102

Mr. Frederick Eissler, President
Scenic Shoreline Preservation
Conference, Inc.
4623 More Mesa Drive
Santa Barbara, California 93105

Ms. Elizabeth E. Apfelberg
1415 Cazadero
San Luis Obispo, California 93401

Ms. Sandra A. Silver
425 Luneta Drive
San Luis Obispo, California 93401

Mr. Gordon A. Silver
425 Luneta Drive
San Luis Obispo, California 93401

Paul C. Valentine, Esq.
400 Channing Avenue
Palo Alto, California 94301

Yale I. Jones, Esq.
100 Van Ness Avenue
19th Floor
San Francisco, California 94102

Ms. Raye Fleming
1746 Chorro Street
San Luis Obispo, California 93401

Mr. William P. Cornwell
P. O. Box 453
Morro Bay, California 93442

Mr. James O. Schuyler, Nuclear Projects
Engineer
Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94106

Mr. W. C. Gangloff
Westinghouse Electric Corporation
P. O. Box 355
Pittsburgh, Pennsylvania 15230

Brent Rushforth, Esq.
Center for Law in the Public Interest
10203 Santa Monica Boulevard
Los Angeles, California 90067

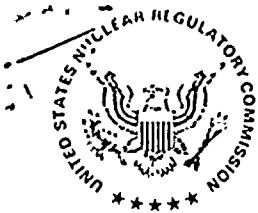
Arthur C. Gehr, Esq.
Snell & Wilmer
3100 Valley Center
Phoenix, Arizona 85073

Bruce Norton, Esq.
3216 North 3rd Street
Suite 202
Phoenix, Arizona 85012

Michael R. Klein, Esq.
Wilmer, Cutler & Pickering
1666 K Street, N. W.
Washington, D. C. 20006

David F. Fleischaker, Esq.
1025 15th Street, N. W.
5th Floor
Washington, D. C. 20005



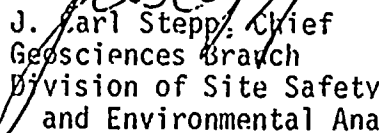


UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 22, 1977

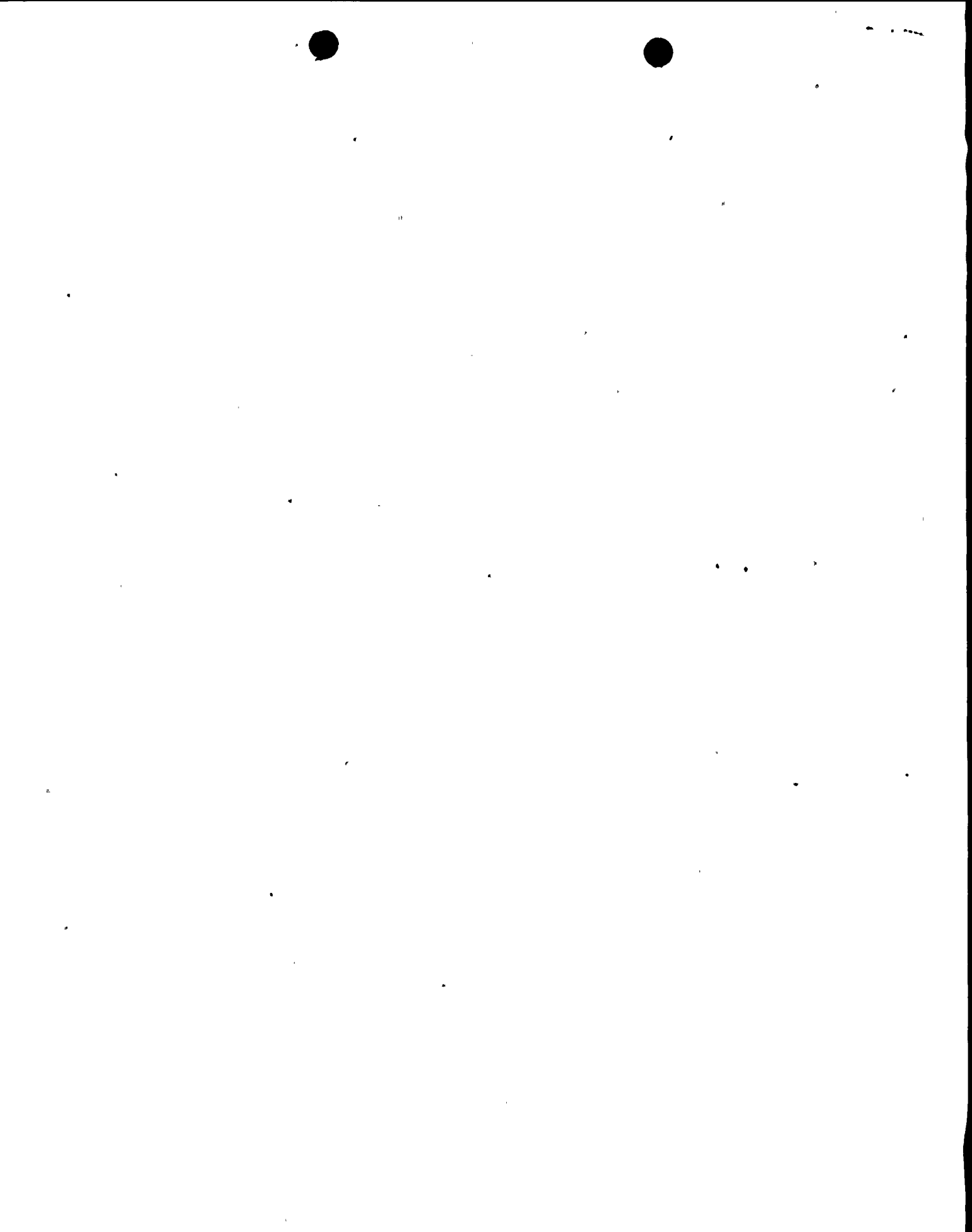
NOTE TO: Isa S. Sihweil, Chief, Structural Engineering Branch, DSS

Attached is a note that was forwarded to me by PG&E giving the relative dislocation values for the various faults in California of significance to the evaluation of earthquake exposure at the Diablo Canyon site. These are to be used in the probability model. Please pass them along to Dr. Newmark for his use.



J. Carl Stepp, Chief
Geosciences Branch
Division of Site Safety
and Environmental Analysis

cc: H. Denton
W. Gammill
R. Mattson
D. Allison ✓
J. Knight



TOTAL DISLOCATION (TENTATIVE VALUES)

	In last 10,000 years <u>(meters)</u>	In last 20×10^6 years <u>(km)</u>
San Andreas	500	200
Hosgri	2	10
Rinconada	30	6
Nacimiento	4	0.8
West Huasna-Suey	2	0.4
La Panza-Ozena	2	0.4
Santa Lucia Bank	2	0.4

Data from Doug Hamilton, with some interpretation.

Note that the San Andreas average rate of slip has increased "recently" while the others have decreased.

JAB

9/2/77

