

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING APPEAL BOARD

In the Matter of)

PACIFIC GAS AND ELECTRIC)
COMPANY)

(Diablo Canyon Nuclear Power)
Plant, Units 1 and 2))

Docket Nos. 50-275
50-323

AFFIDAVIT OF WILLIAM H. WHITE

STATE OF CALIFORNIA)

COUNTY OF)
SAN FRANCISCO)

ss.

I, William H. White, being duly sworn, depose and
say:

B407300440 B40727
PDR ADOCK 05000275
G PDR

I am currently the Assistant Project Engineer, Seismic, for the Diablo Canyon Project. My credentials have previously been submitted to the Atomic Safety and Licensing Appeal Board in these proceedings.

The Brune affidavit cites several earthquakes and corresponding response spectra which exceed the Diablo Canyon Hosgri spectra over certain frequencies. This Board concluded that the Newmark spectra virtually enveloped the Pacoima response spectra and that calculated responses would not be affected by spikes of short duration. (13 NRC 903, 939) The Board also recognized that in the near field it is a physically valid and acceptable procedure to use an anchor point lower than the peak acceleration for design purposes. (Id. at 940 et seq.) Similarly, the response spectra of the Coyote Lake (1979), Victoria (1980), Imperial Valley (1979) and Morgan Hill (1984) earthquakes exhibit slight excursions which are structurally insignificant. Accordingly, if these spectra are appropriately modified to consider the effective acceleration concepts previously recognized by this

Board, (13 NRC 940-943) the Diablo Canyon Hosgri design bases would remain controlling.

DATED: July 27, 1984

W. H. White

William H. White

Subscribed and sworn to
before me this 27th day
of July, 1984

C. T. Neal-Madison

C. T. Neal-Madison
Notary Public in and for the
City and County of San Francisco,
State of California.
My commission expires
December 27, 1985



UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
PACIFIC GAS AND ELECTRIC COMPANY)
)
Diablo Canyon Nuclear Power Plant,)
Units 1 and 2)
_____)

Docket No. 50-275
Docket No. 50-323

'84 JUL 30 A10:08

CERTIFICATE OF SERVICE

The foregoing document(s) of Pacific Gas and Electric Company has (have) been served today on the following by deposit in the United States mail, properly stamped and addressed:

Judge John F. Wolf
Chairman
Atomic Safety and Licensing Board
US Nuclear Regulatory Commission
Washington DC 20555

Mrs. Sandra A. Silver
1760 Alisal Street
San Luis Obispo CA 93401

Judge Glenn O. Bright
Atomic Safety and Licensing Board
US Nuclear Regulatory Commission
Washington DC 20555

Mr. Gordon Silver
1760 Alisal Street
San Luis Obispo CA 93401

Judge Jerry R. Kline
Atomic Safety and Licensing Board
US Nuclear Regulatory Commission
Washington DC 20555

John Phillips, Esq.
Joel Reynolds, Esq.
Eric Havian
Center for Law in the Public Interest
10951 W. Pico Blvd. - Suite 300
Los Angeles CA 90064

Mrs. Elizabeth Apfelberg
c/o Betsy Umhoffer
1493 Southwood
San Luis Obispo CA 93401

David F. Fleischaker, Esq.
P. O. Box 1178
Oklahoma City OK 73101

Janice E. Kerr, Esq.
Public Utilities Commission
State of California
5246 State Building
350 McAllister Street
San Francisco CA 94102

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

Mrs. Raye Fleming
1920 Mattie Road
Shell Beach CA 93449

Bruce Norton, Esq.
Norton, Burke, Berry & French, P.C.
P. O. Box 10569
Phoenix AZ 85064

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

Chairman
Atomic Safety and Licensing
Board Panel
US Nuclear Regulatory Commission
Washington DC 20555

Chairman
Atomic Safety and Licensing
Appeal Panel
US Nuclear Regulatory Commission
Washington DC 20555

Secretary
US Nuclear Regulatory Commission
Washington DC 20555

Attn: Docketing and Service
Section

* Lawrence J. Chandler, Esq.
Henry J. McGurren
US Nuclear Regulatory Commission
Office of Executive Legal Director
Washington DC 20555

Mr. Richard B. Hubbard
MHB Technical Associates
1723 Hamilton Avenue Suite K
San Jose CA 95125

Mr. Carl Neiberger
Telegram Tribune
P. O. Box 112
San Luis Obispo CA 93402

Michael J. Strumwasser, Esq.
Susan L. Durbin, Esq.
Peter H. Kaufman, Esq.
3580 Wilshire Blvd. Suite 800
Los Angeles CA 90010

Maurice Axelrad, Esq.
Newman & Holtzinger, P.C.
1025 Connecticut Ave. NW
Washington DC 20036

* These copies delivered
by courier.

Date: July 27, 1984

* Judge Thomas S. Moore
Chairman
Atomic Safety and Licensing
Appeal Board
US Nuclear Regulatory Commission
Washington DC 20555

* Judge W. Reed Johnson
Atomic Safety and Licensing
Appeal Board
US Nuclear Regulatory Commission
Washington DC 20555

* Judge John E. Buck
Atomic Safety and Licensing
Appeal Board
US Nuclear Regulatory Commission
Washington DC 20555

* Commissioner Nunzio J. Palladino
Chairman
US Nuclear Regulatory Commission
1717 H Street NW
Washington DC 20555

* Commissioner Frederick M. Bernthal
US Nuclear Regulatory Commission
1717 H Street NW
Washington DC 20555

* Commissioner Lando W. Zech, Jr.
US Nuclear Regulatory Commission
1717 H Street NW
Washington DC 20555

* Commissioner James K. Asselstine
US Nuclear Regulatory Commission
1717 H Street NW
Washington DC 20555

* Commissioner Thomas M. Roberts
US Nuclear Regulatory Commission
1717 H Street NW
Washington DC 20555



Bruce Norton