

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:

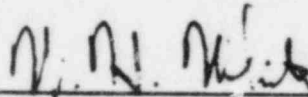
B407300440 B40727  
PDR ADOCK 05000275  
G PDR

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

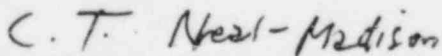
Board, (13 NRC 940-943) the Diablo Canyon Hosgri design bases would remain controlling.

DATED: July 27, 1984



William H. White

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



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 )  
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PACIFIC GAS AND ELECTRIC COMPANY )  
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Diablo Canyon Nuclear Power Plant, )  
Units 1 and 2 )  
\_\_\_\_\_ )

Docket No. 50-275  
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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:

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