

February 21, 1991

Docket Nos. 50-275  
and 50-323

LICENSEE: Pacific Gas and Electric Company (PG&E)  
FACILITY: Diablo Canyon Nuclear Power Plant, Units 1 and 2  
SUBJECT: SUMMARY OF DECEMBER 11-12, 1990 AUDIT OF CALCULATIONS RELATED TO  
DETERMINISTIC COMPARISONS FOR THE DIABLO CANYON LONG TERM  
SEISMIC PROGRAM (TAC NUMBERS 55305 AND 68049)

On December 11 and 12, 1990, the NRC staff audited the deterministic comparison calculations conducted by the Pacific Gas and Electric Company (PG&E or the licensee) for the Diablo Canyon Seismic Reevaluation Program (also known as the Long Term Seismic Program, or LTSP). Selected calculations related to masonry walls at Diablo Canyon were also audited. An NRC staff report summarizing the audit is enclosed.

**Original Signed By:**

Harry Rood, Senior Project Manager  
Project Directorate V  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Audit Summary  
*See Reports*  
cc: w/enclosure - see next page

DISTRIBUTION

PDV Reading	JCaldwell, 17G21
NRC & LPDR	PMorrill, RV
<u>Docket File</u>	PNarbut, RV
FMiraglia	DFoster
JPartlow	BBoger
CGrimes	JDyer
ACRS(10)	HRood
OGC	EJordan
GBagchi	RPichumani
YKim	PSobel
RRothman	

DRPW/PD5/LA	DRPW/PD5/PM	DRPW/PD5/D
DFoster <i>DF</i>	HRood <i>HR</i>	JEDyer <i>JED</i>
02/20/91	02/20/91	02/21/91

9103010071 910221  
PDR ADDCK 05000275  
P PDR

*DFOL*  
*1/1*  
*[Handwritten signature]*



Handwritten marks and scribbles in the top right corner.

Faint, illegible text spanning the upper middle section of the page.

Faint, illegible text spanning the middle section of the page.

Faint, illegible text at the bottom of the page.

Mr. J. D. Shiffer  
Pacific Gas and Electric Company

Diablo Canyon

CC:  
NRC Resident Inspector  
Diablo Canyon Nuclear Power Plant  
c/o U.S. Nuclear Regulatory Commission  
P. O. Box 369  
Avila Beach, California 93424

Mr. John Hickman  
Senior Health Physicist  
Environmental Radioactive Mgmt. Unit  
Environmental Management Branch  
State Department of Health Services  
714 P Street, Room 616  
Sacramento, California 95814

Dr. Richard Ferguson, Energy Chair  
Sierra Club California  
6715 Rocky Canyon  
Creston, California 93432

Regional Administrator, Region V  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Ms. Sandra A. Silver  
Mothers for Peace  
660 Granite Creek Road  
Santa Cruz, California 95065

Mr. Peter H. Kaufman  
Deputy Attorney General  
State of California  
110 West A Street, Suite 700  
San Diego, California 92101

Ms. Jacquelyn C. Wheeler  
3303 Barranca Court  
San Luis Obispo, California 93401

Ms. Nancy Culver  
192 Luneta Street  
San Luis Obispo, California 93401

Managing Editor  
The County Telegram Tribune  
1321 Johnson Avenue  
P. O. Box 112  
San Luis Obispo, California 93406

Michael M. Strumwasser, Esq.  
Special Assistant Attorney General  
State of California  
Department of Justice  
3580 Wilshire Boulevard, Room 800  
Los Angeles, California 90010

Chairman  
San Luis Obispo County Board of  
Supervisors  
Room 370  
County Government Center  
San Luis Obispo, California 93408

Richard F. Locke, Esq.  
Pacific Gas & Electric Company  
Post Office Box 7442  
San Francisco, California 94120

2 5 1 2 3 4  
r /

20 22 23 24

25 26 27 28

29 30 31 32

33 34 35 36

37 38 39 40

41 42 43 44

45