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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga ~~05000275~~
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
 AUTH. NAME AUTHOR AFFILIATION
 SHIFFER, J.D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 KNIGHTON, G.W. Licensing Branch 3

SUBJECT: Responds to NRC Allegation 1396 re supporting main structure evaluation for support loads, per NRC 850115-17 audit. Cumulative effects of support loads evaluated as part of design process. Calculation files cited.

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PACIFIC GAS AND ELECTRIC COMPANY

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JAMES D. SHIFFER
VICE PRESIDENT
NUCLEAR POWER GENERATION

March 5, 1985

PGandE Letter No.: DCL-85-089

Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

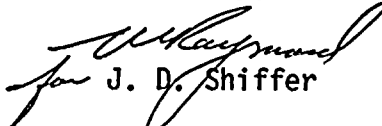
Re: Docket No. 50-275, OL-DPR-80
Docket No. 50-323
Diablo Canyon Units 1 and 2
Response to NRC Allegation #1396

Dear Mr. Knighton:

During the NRC audit of January 15-17, 1985, at San Francisco, the NRC requested PGandE's response to the subject allegation. PGandE's response is enclosed. PGandE believes that the response resolves the allegation for both Units 1 and 2.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Sincerely,

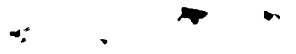

for J. D. Shiffer

Enclosure

cc: R. T. Dodds
J. B. Martin
H. E. Schierling
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ENCLOSURE

NRC Allegation #1396 Characterization

Supporting main structure should be evaluated for support loads reacted by that structure.

Contrary to the implication of the allegation, the cumulative effects of support loads are evaluated as part of the design process at Diablo Canyon. Loads from Class I large bore pipe hangers are reviewed by the Civil Engineering group to evaluate their local and global effects on slabs and walls. When necessary, critical areas of slabs and walls are walked down to assess the impact of all attachments. The effect of loads from small bore piping on concrete walls and slabs are insignificant but are analyzed for all safety-related block walls.

The following calculation files confirm the adequacy of the critical structural elements for the large bore pipe support loads:

Containment	302C-1, 303C-1, 304C-2, and 304C-1
Turbine building	52.16.12
Auxiliary building	52.15.57, 52.15.27.4
Intake structure	52.18

