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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275  
 AUTH. NAME: SCHUYLER, J.O. AUTHOR AFFILIATION: Pacific Gas & Electric Co.  
 RECIP. NAME: MARTIN, J.B. RECIPIENT AFFILIATION: Region 5, Office of Director

SUBJECT: Forwards util commitment re development of snubber optimization program, per SSER 21 allegations.

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PACIFIC GAS AND ELECTRIC COMPANY

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77 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94106

TELEPHONE (415) 781-4211

February 15, 1984

PGandE Letter No: DCL-84-060

Mr. John B. Martin, Regional Administrator  
U. S. Nuclear Regulatory Commission, Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596-5368

Re: Docket No. 50-275, OL-DPR-76  
Diablo Canyon Units 1  
Snubber Optimization Program

Dear Mr. Martin:

As a result of the recent NRC investigations into items classified as allegations in SSER 21, the Staff has questioned the number of snubbers in the plant from an ALARA point of view. In response to the Staff's question, enclosed is PGandE's commitment to develop a snubber optimization program.

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

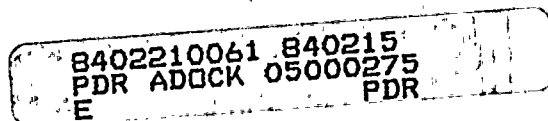
Sincerely,

J. B. Hoch

for J. O. Schuyler

Enclosure

cc: D. G. Eisenhut ✓  
H. E. Schierling  
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ENCLOSURE

DEVELOPMENT OF SNUBBER OPTIMIZATION PROGRAM  
DIABLO CANYON UNIT 1

During the past two years, PGandE has performed a comprehensive technical review of the design of Diablo Canyon piping and pipe supports. As a result of this review, which included changes in the applicable response spectra and improvements in analytical methodology, the snubbers in Unit 1 now total approximately 1450. This total is consistent with the number installed in other recently licensed nuclear power plants (e.g., LaSalle and Susquehanna). Moreover, this total is not excessive, considering the criteria and methods used in the industry and by PGandE in designing piping systems.

As stated on page 18 of PGandE letter DCL-84-046 of February 7, 1984, the snubber and rigid support interface issue is not a safety concern. However, it is recognized that there are ample incentives to reduce the number of snubbers. The incentives include in-service inspection requirements, ALARA considerations, maintenance costs, the potential for inadvertent lockup, and reduced access to other components. PGandE is, therefore, in the process of developing a program to reduce the number of snubbers by elimination or replacement of unnecessary snubbers with rigid supports, while still maintaining all plant and systems acceptance criteria. The first step in formulating this program includes: 1) developing the general methodology for the program; and 2) establishing general guidelines considering ALARA and maintenance concerns. Upon completion of this step scheduled for April 30, 1984, PGandE will present this program to the NRC. Based on NRC comments, the scope and detailed schedule for the program will be established.

PGandE anticipates that any removal or replacement of snubbers resulting from this reduction program will be accomplished primarily during the first two refueling outages.

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J. O. SCHUYLER  
VICE PRESIDENT  
NUCLEAR POWER GENERATION

February 15, 1984

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U. S. Nuclear Regulatory Commission, Region V  
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Sincerely,

*B. P. Heck*  
*For* J. O. Schuyler

Enclosure

cc: D. G. Eisenhut  
H. E. Schierling  
Service List

*D. P. E.*  
*8402210061*

*app*

*IE-28* //

The following information was obtained from a review of the files of the Central Intelligence Agency, Office of the Chief of Staff, and the Office of the Director of Central Intelligence, regarding the activities of the [redacted] in the [redacted] area.

[redacted] was identified as a member of the [redacted] and was active in the [redacted] area. [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

The [redacted] was identified as a member of the [redacted] and was active in the [redacted] area. The [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

The [redacted] was identified as a member of the [redacted] and was active in the [redacted] area. The [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

The [redacted] was identified as a member of the [redacted] and was active in the [redacted] area. The [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

The [redacted] was identified as a member of the [redacted] and was active in the [redacted] area. The [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

The [redacted] was identified as a member of the [redacted] and was active in the [redacted] area. The [redacted] was also identified as a member of the [redacted] and was active in the [redacted] area.

SECRET



ENCLOSURE

DEVELOPMENT OF SNUBBER OPTIMIZATION PROGRAM  
DIABLO CANYON UNIT 1

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