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FROM: Pacific Gas & Electric Co San Francisco, Calif. Jr. F.T. Gearls		DATE OF DOC 12-27-74	DATE REC'D 12-30-74	LTR x	TWX	RPT	OTHER
TO: O.D. Parr		ORIG none signed	CC	OTHER	SENT AEC PDR SENT LOCAL PDR		XXX XXX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-275/323		

DESCRIPTION:
Ltr re our request dtd 12-6-74....trans the following.....

Dist Per Wilson
PLANT NAME: Diablo Canyon

ENCLOSURES:
Requested info concerning the Seismic response of typical Design Class I structure systems and components.....

(1 cy encl rec'd)

FOR ACTION/INFORMATION 1-6-75 JB

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ACKNOWLEDGED

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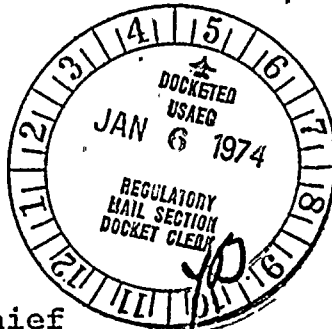
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December 27, 1974



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Re: Dockets 50-275-0L
50-323-0L

Dear Mr. Parr:

In response to your request for additional information dated December 6, 1974, the seismic response of typical Design Class I structures, systems, and components at Diablo Canyon has been determined using the modified input response spectra specified in your letter and damping values given in AEC Regulatory Guide 1.61.

The modified input spectra were derived from the acceleration time histories for the Parkfield - 5, 1966, N85E component and the Castaic, 1971, S69E component, each normalized to a peak ground acceleration of 0.5g. The spectral content of these records is considered representative of the vibratory ground motion expected at a site with foundation material similar to Diablo Canyon and generated from a nearby source.

A comparison of these modified spectra with the spectra and damping used in the Diablo Canyon design confirms the seismic design adequacy of typical Class I structures, systems and components at Diablo Canyon. The detailed results of this work are included in the attachment to this letter.

Very truly yours,

13115

Attachment (15)
CC w/attachment: See Page 2

F. T. Searls



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Mr. Olan D. Parr

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December 27, 1974

CC w/attachment: Mrs. Elizabeth E. Apfelberg
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