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ACCESSION NBR: 8212210002 DOC. DATE: 82/12/13 NOTARIZED: NO DOCKET #  
 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  
 CRANE, P.A. Pacific Gas & Electric Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards "Pressurizer Safety & Relief Line Evaluation",  
 Summary rept. *SGC Rpt*

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 4 SIZE: 2+100  
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: J Hanchett 1cy PDR Documents, 05000275  
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	NRR LB3 LA	1 0	BUCKLEY/B. 01	1 1
INTERNAL:	ELD/HDS1	1 0	IE FILE	1 1
	IE/DEP EPDS 35	1 1	IE/DEP/EPLB 36	3 3
	NRR/DE/AEAB	1 0	NRR/DE/CEB 11	1 1
	NRR/DE/EQB 13	2 2	NRR/DE/GB 28	2 2
	NRR/DE/HGEB 30	1 1	NRR/DE/MEB 18	1 1
	NRR/DE/MTEB 17	1 1	NRR/DE/QAB 21	1 1
	NRR/DE/SAB 24	1 1	NRR/DE/SEB 25	1 1
	NRR/DHFS/HFEB 40	1 1	NRR/DHFS/LGB 32	1 1
	NRR/DHFS/OLB 34	1 1	NRR/DL/SSPB	1 0
	NRR/DSI/AEB 26	1 1	NRR/DSI/CPB 10	1 1
	NRR/DSI/CSB 09	1 1	NRR/DSI/ICSB 16	1 1
	NRR/DSI/METB 12	1 1	NRR/DSI/PSB 19	1 1
	NRR/DSI/RAB 22	1 1	NRR/DSI/RSB 23	1 1
	<del>REG FILE</del> 04	1 1	RGNS	3 3
	RM/DDAMI/MIB	1 0		
EXTERNAL:	ACRS 41	6 6	BNL (AMDTs ONLY)	1 1
	DMB/DSS (AMDTs)	1 1	FEMA-REP DIV 39	1 1
	LPDR 03	2 2	NRC PDR 02	1 1
	NSIC 05	1 1	NTIS	1 1
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December 13, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
US Nuclear Regulatory Commission  
Washington DC 20555

Re: Docket No. 50-275, OL-DPR-76  
Docket No. 50-323  
Diablo Canyon Units 1 and 2  
Relief and Safety Valves Test Requirements

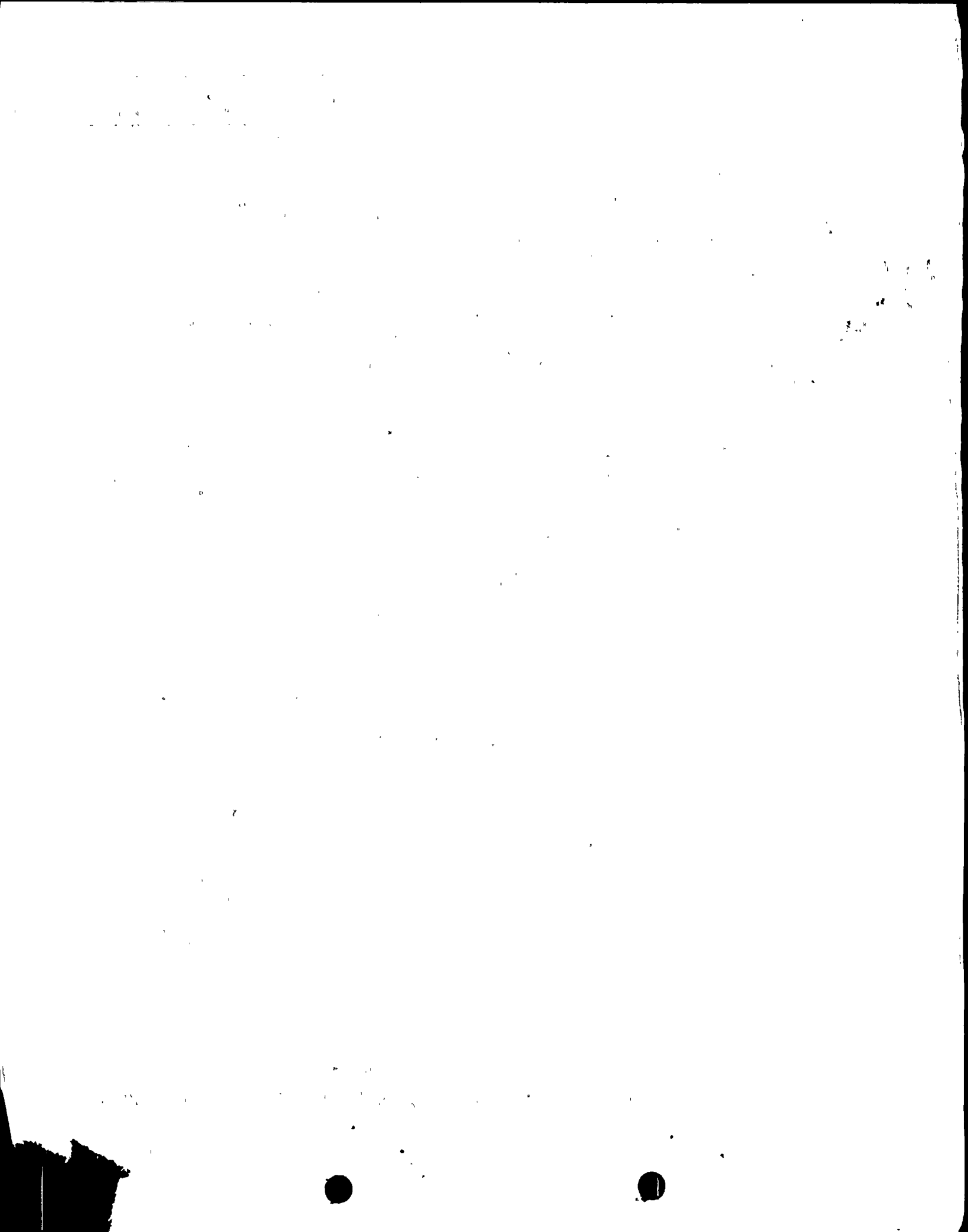
Dear Mr. Denton:

On September 23, 1982 PGandE informed you that to satisfy the requirements of items (a) and (b) of License Condition 2.C.(8).i., "Relief and Safety Valve Test Requirements," Westinghouse had been commissioned to perform the analysis of reactor coolant system relief and safety valve qualification, including piping and supports, taking the EPRI tests into consideration.

Regarding License item (a), PGandE's letter of March 31, 1982 to Mr. F. J. Miraglia provided confirmatory information on the adequacy of the safety and relief valves in use at Diablo Canyon. The letter identified certain concerns on the operability of these safety valves under specific plant conditions. However, based upon PGandE's review of WCAP-10105 (Review of Pressurizer Safety Valve Performance as Observed in the EPRI Safety and Relief Valve Test Program), PGandE has determined that such concerns are not applicable at DCPD since the WCAP demonstrates that the safety valves used at Diablo Canyon remain operable under such plant conditions and would be able to maintain Reactor Coolant System (RCS) pressure within acceptable limits.

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Mr. Harold R. Denton

December 13, 1982  
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Regarding License item (b), Westinghouse has completed the analysis and issued the attached report "Pressurizer Safety and Relief Line Evaluation Summary Report - AM-SSA-2534, S.O. PGE/145". PGandE has determined that the report demonstrates the adequacy of the as-built Pressurizer Safety and Relief Valve piping contingent upon:

1. installation of insulation on the piping between the pressurizer and safety valves including nozzles;
2. installation of pipe support modifications; and
3. assurance by analysis that the pressurizer safety valve loop seal temperature profile is consistent with that of EPRI test No. 917.

PGandE plans to complete these items prior to fuel load. Concerning item 3, based on the results of the analyses, testing may be necessary to determine the actual temperature profile. If required, the profile determination would be performed during hot system test, prior to initial criticality.

In addition, the preliminary DE and DDE response spectra used in the analysis will be checked against the final spectra to assure that the preliminary spectra envelope the final spectra. Should the results be non-conservative, PGandE will submit a revised report demonstrating the adequacy of the as-built Pressurizer Safety and Relief Valve piping.

Therefore, we consider that the requirements of items (a) and (b) of License Condition 2.C.(8).i. have been satisfied by this submittal. Item (c) of the License Condition was satisfied by our June 30, 1982 submittal to Mr. Frank Miraglia.

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

Very truly yours,

*Philip A. Grane, V*

Enclosure

cc: Service List

