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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  
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 MIRAGLIA, F.      Licensing Branch 3

SUBJECT: Provides plant specific response to NUREG-0737, Item II.D.1 re pressurizer block valve qualification for pressurized PWRs. Tests adequacy demonstrate operability of Velan block valves utilized at facilities.

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NOTES: J Hanchett 1cy PDR Documents.      05000275  
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THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY

RESEARCH REPORT  
NO. 1000  
BY  
J. H. GOLDSTEIN AND  
R. F. W. WILSON

THEORY OF THE  
EFFECT OF  
TEMPERATURE ON  
THE  
ELECTROLYTIC  
CONDUCTIVITY OF  
SOLUBLE  
ELECTROLYTES

RECEIVED  
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# PACIFIC GAS AND ELECTRIC COMPANY

PG&E + 77 BEALE STREET • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211 • TWX 910-372-6587

J. O. SCHUYLER  
VICE PRESIDENT  
NUCLEAR POWER GENERATION

June 30, 1982

Mr. Frank Miraglia, Jr., Chief  
Licensing Branch No. 3  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Re: Docket No. 50-275, OL-DPR-76  
Docket No. 50-323  
Diablo Canyon Units 1 and 2

Dear Mr. Miraglia:

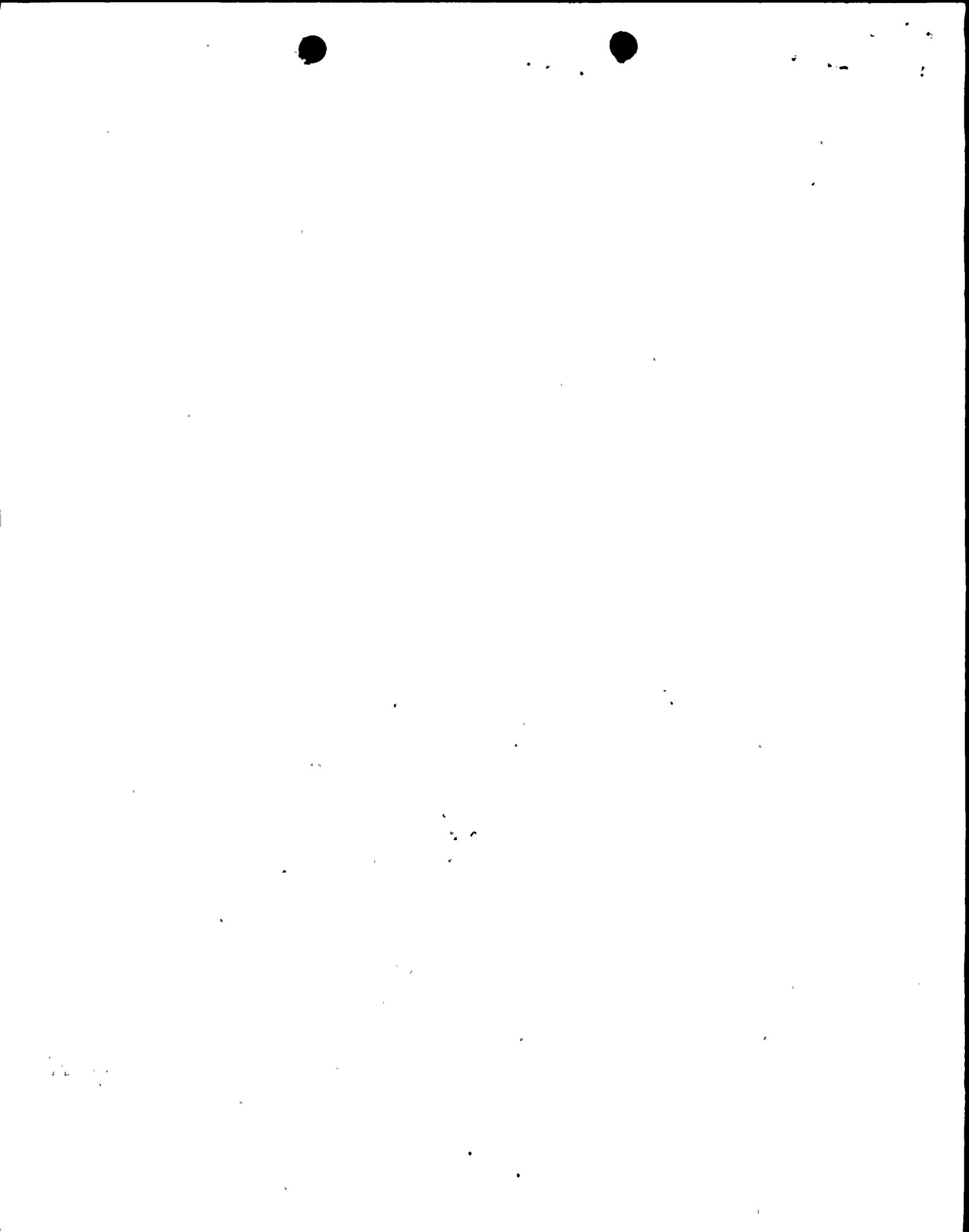
NUREG-0737, Item II.D.1, as revised by NRC Staff paper SECY 81-491 and NRC letter dated September 29, 1981, requires that plant specific reports be submitted by July 1, 1982 to document pressurizer block valve qualification for pressurized water reactors (PWRs). The requirements of Item II.D.1, through SECY 81-491, were specifically incorporated as a condition of the Diablo Canyon Unit 1 Low Power License (DPR-76). This letter constitutes PGandE's plant specific response on the pressurizer block valves for Diablo Canyon Units 1 and 2.

PGandE has pursued resolution of the requirements of Item II.D.1 of NUREG-0737 through direct participation in the Electric Power Research Institute ("EPRI") valve test program. This program was specifically established to obtain test data to support pressurizer safety and relief valve operability. However, block valve testing was also performed by EPRI in conjunction with this program.

In response to the requirement of Item II.D.1 on block valve qualification, EPRI issued a report entitled "EPRI PWR Safety and Relief Valve Test Program, PORV Block Valve Information Package," dated May 1982. The report documents information relating to the performance of block valves in PWR plants. This report was submitted to the NRC on June 1, 1982 by R. C. Youngdahl of Consumers Power Company on behalf of the participating PWR utilities, including PGandE.

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There are three pressurizer block valves in each unit at Diablo Canyon. They are model B10-3054B-13MS gate valves manufactured by Velan Engineering Company. A Velan block valve representative of the valves at Diablo Canyon has been tested by EPRI in configurations representative of the actual pressurizer configuration at Diablo Canyon. Details of the test conditions are included in the EPRI report.

PGandE has evaluated the EPRI report and determined that, although some minor differences exist between the test conditions and Diablo Canyon, the differences are insignificant and the information included in the report is applicable to Diablo Canyon. Further, PGandE has determined that the EPRI tests adequately demonstrate the operability of the Velan block valves utilized at Diablo Canyon. Therefore, we consider that the requirement of NUREG-0737, Item II.D.1, as well as the Unit 1 Low Power License condition regarding block valve qualification for Diablo Canyon has been satisfied.

Very truly yours,

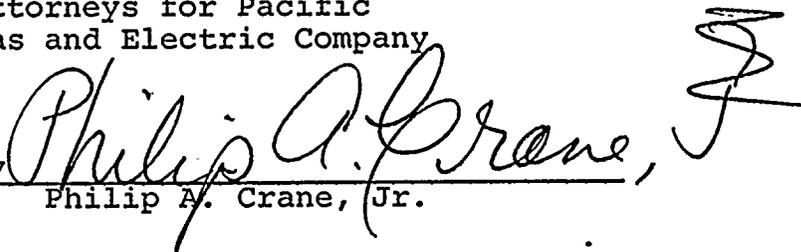
  
J. O. SCHUYLER

Subscribed and sworn to before me  
this 30th day of June, 1982.

  
Nancy J. Lemaster, Notary Public in  
and for the City and County of  
San Francisco, State of California.  
My Commission expires April 14, 1986.

Robert Ohlbach  
Philip A. Crane, Jr.  
Attorneys for Pacific  
Gas and Electric Company

BY

  
Philip A. Crane, Jr.



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\* 2010 \*  
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Mr. Frank Miraglia, Jr.

June 30, 1982  
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cc: W. Bilanin, EPRI  
W. Gangloff, Westinghouse  
Service List

