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FACIL: 50-275 DIABLO CANYON #1, PACIFIC GAS & ELECTRIC CO.

05000275

50-323 Diablo Canyon #2, Pacific Gas & Electric Co.

05000323

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CRANE, P.A. PACIFIC GAS & ELEC

RECIP. NAME RECIPIENT AFFILIATION

STOLZ, J.F. ***LIGHT WATER REACTORS BRANCH 1

SUBJECT: Forwards summary of steam generator water hammer test verifying that full flow of 1 motor-driven auxiliary feedwater pump was included in April 1977 test program & that a water hammer will not occur in feedwater sys.

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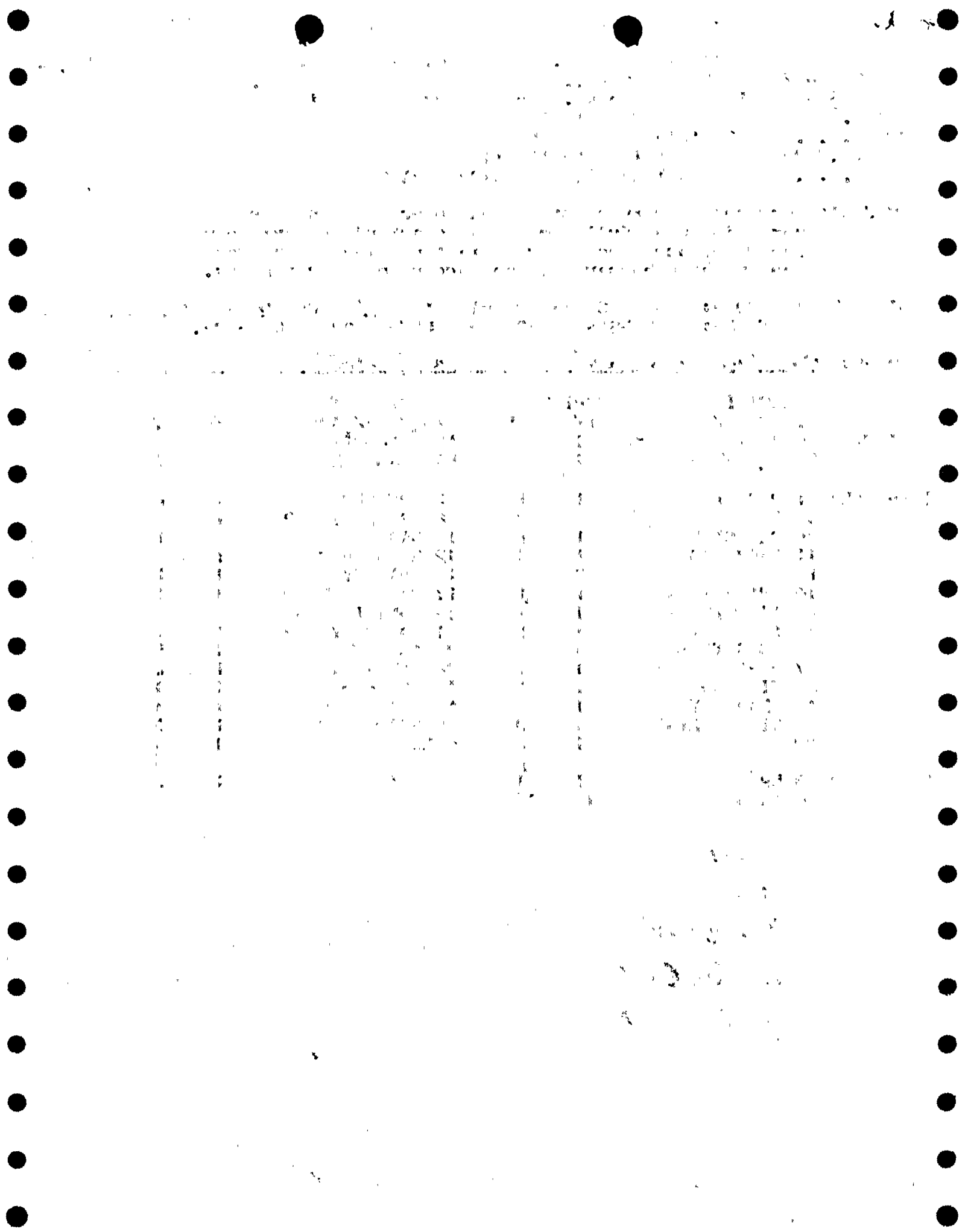
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Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Docket No. 50-275-OLP
Docket No. 50-323-OLA
Diablo Canyon Units 1 and 2

Dear Mr. Stolz:

On page 10-1 of Supplement No. 8 to the Safety Evaluation Report, there is a discussion of testing to verify that water hammer will not occur in the feedwater system to the steam generators using the plant operating procedures. A test demonstrating that steam generator water hammer would not occur was conducted successfully and reviewed by an inspector from NRC Region V in April, 1977.

The operating procedure calls for full flow of one motor-driven auxiliary feedwater pump. As shown on the attached summary table, this flow rate was included in the test program.

Very truly yours,

Philip A. Crane, Jr.

Attachment

REGULATORY DOCKET FILE COPY

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SUMMARY OF STEAM GENERATOR WATER HAMMER TEST

Steam Generator Pressure: Condition Simulated:	1005 psig <u>No Load</u>	790 psig <u>Full Load</u>	400 psig <u>Steamline Break</u>
Feedwater Flow Rate: 120 gpm:	none*	none	none
220 gpm:	none	none	none
295 gpm:	none	none	none
440 gpm:	none	none	none

*"None" signifies no movement, no sound, and no change in feedwater pressure.

