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ACCESSION NBR: 9408020225 DOC. DATE: 94/07/25 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
 SISK, D.P. Pacific Gas & Electric Co.
 RUEGER, G.M. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 94-006-00: on 940624, determined that throttled component cooling water flow to centrifugal charging pump was not sufficient. Caused by discrepancy in design basis. Valves were returned to full-open conditions. W/940725 ltr.

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 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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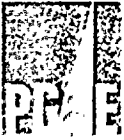
Pacific Gas and Electric Company

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Gregory M. Rueger
Senior Vice President and
General Manager
Nuclear Power Generation

July 25, 1994

PG&E Letter DCL-94-157



U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon, Units 1 and 2
Licensee Event Report 1-94-006-00
Centrifugal Charging Pump Outside Design Basis Due to Throttling of
Component Cooling Water to Subcomponents

Gentlemen:

Pursuant to 10 CFR 50.73(a)(2)(ii)(B), PG&E is submitting the enclosed Licensee Event Report 1-94-006 regarding throttled component cooling water flow to the centrifugal charging pump (CCP) skid that was not sufficient to meet specified CCP skid subcomponent flow rates; therefore, design basis requirements for post-LOCA CCP operation may not have been met. Immediate corrective actions are as described in the enclosure. The root cause, safety significance, and applicable corrective actions for this event are still being investigated and will be reported in a supplement to this LER.

Sincerely,

Gregory M. Rueger

cc: L. J. Callan
Mary H. Miller
Kenneth E. Perkins
Sheri R. Peterson
Diablo Distribution
INPO

Enclosure

DC0-94-EN-N018

6568S/ALN/2246

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PDR ADOCK 05000275
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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Diablo Canyon, Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 7 5 1	PAGE (3) 1 OF 1
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TITLE (4) **Centrifugal Charging Pump Outside Design Basis Due to Throttling of Component Cooling Water to Subcomponents**

EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)			
MON	DAY	YR	YR	SEQUENTIAL NUMBER		REVISION NUMBER	MON	DAY	YR	FACILITY NAMES		DOCKET NUMBER (5)	
6	24	94	94	-	0 0 6	- 0 0	7	25	94	Diablo Canyon, Unit 2		0 5 0 0 0 3 2 3	

OPERATING MODE (9) **1** THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR: (11)

POWER LEVEL (10) 1 0 0	<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> 10 CFR <u>50.73(a)(2)(ii)(B)</u> </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> OTHER - </div> <p style="text-align: center;">(Specify in Abstract below and in text, NRC Form 366A)</p>
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LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
David P. Sisk, Senior Regulatory Compliance Engineer		AREA CODE 805	545-4420

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	

SUPPLEMENTAL REPORT EXPECTED (14)	EXPECTED SUBMISSION DATE (15)	MONTH 09	DAY 30	YEAR 94
<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO				

ABSTRACT (16)

On June 24, 1994, with both Units 1 and 2 in Mode 1 (Power Operation) at 100 percent power, PG&E determined that throttled component cooling water (CCW) flow to the centrifugal charging pump (CCP) skid was not sufficient to meet specified CCP skid subcomponent flow rates; therefore, design basis requirements for post-LOCA CCP operation may not have been met. As a result, a 1-hour, non-emergency notification was made to the NRC on June 24, 1994, at 1739 PDT in accordance with 10 CFR 50.72(b)(1)(ii)(B).

During an investigation of the auxiliary saltwater and CCW system design basis as part of the actions for LER 1-93-012, "Auxiliary Saltwater System Outside Design Basis Due to Fouling," a discrepancy was identified between the Westinghouse design basis flow to the CCP skid and design calculations used to establish acceptability of the throttling practice for cooling water to the coolers. The throttle valves on each CCP cooler skid were fully opened and sealed in position pending further investigation. A test was performed on June 24 to determine actual CCW flow to the CCP skid subcomponents under throttled conditions. The test demonstrated CCW flow that did not meet specified skid subcomponent flow rates. Following testing, the valves were returned to full-open conditions pending determination of long-term corrective actions. An operability assessment has been performed which shows that unthrottled flows to the CCP skid are acceptable.

The root cause of this event is under investigation and will be reported in a supplement to this LER in conjunction with any other corrective actions.

