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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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PRIORITY 1 DOCUMENT

Pacific Gas and Electric Company

77 Beale Street, Room 1451
P.O. Box 770000
San Francisco, CA 94177
415/973-4684
Fax 415/973-2313

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

IE22
1/1

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Diablo Canyon, Unit 1	0 5 0 0 0 2 7 5	1 OF 1

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
										0 5 0 0 0

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

POWER LEVEL (10): 1 0 0

x 10 CFR 50.73(a)(2)(ii)(B)

OTHER -

(Specify in Abstract below and in text, NRC Form 366A)

LICENSEE CONTACT FOR THIS LER (12)

	TELEPHONE NUMBER	
	AREA CODE	
David P. Sisk, Senior Regulatory Compliance Engineer	805	545-4420

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
[x] YES (If yes, complete EXPECTED SUBMISSION DATE)	[ ] NO		09	30	94

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.