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ACCESSION NBR: 9409300187      DOC. DATE: 94/09/26      NOTARIZED: NO      DOCKET #  
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga      05000275  
 AUTH. NAME      AUTHOR AFFILIATION  
 SISK, D.P.      Pacific Gas & Electric Co.  
 RUEGER, G.M.      Pacific Gas & Electric Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION

SUBJECT: LER 94-017-00: on 940825, determined that emergency diesel generator ventilation sys may not have met licensing functional requirements. Caused by bases of initial air flow tests. Flow straightener will be installed. W/940926 ltr.

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

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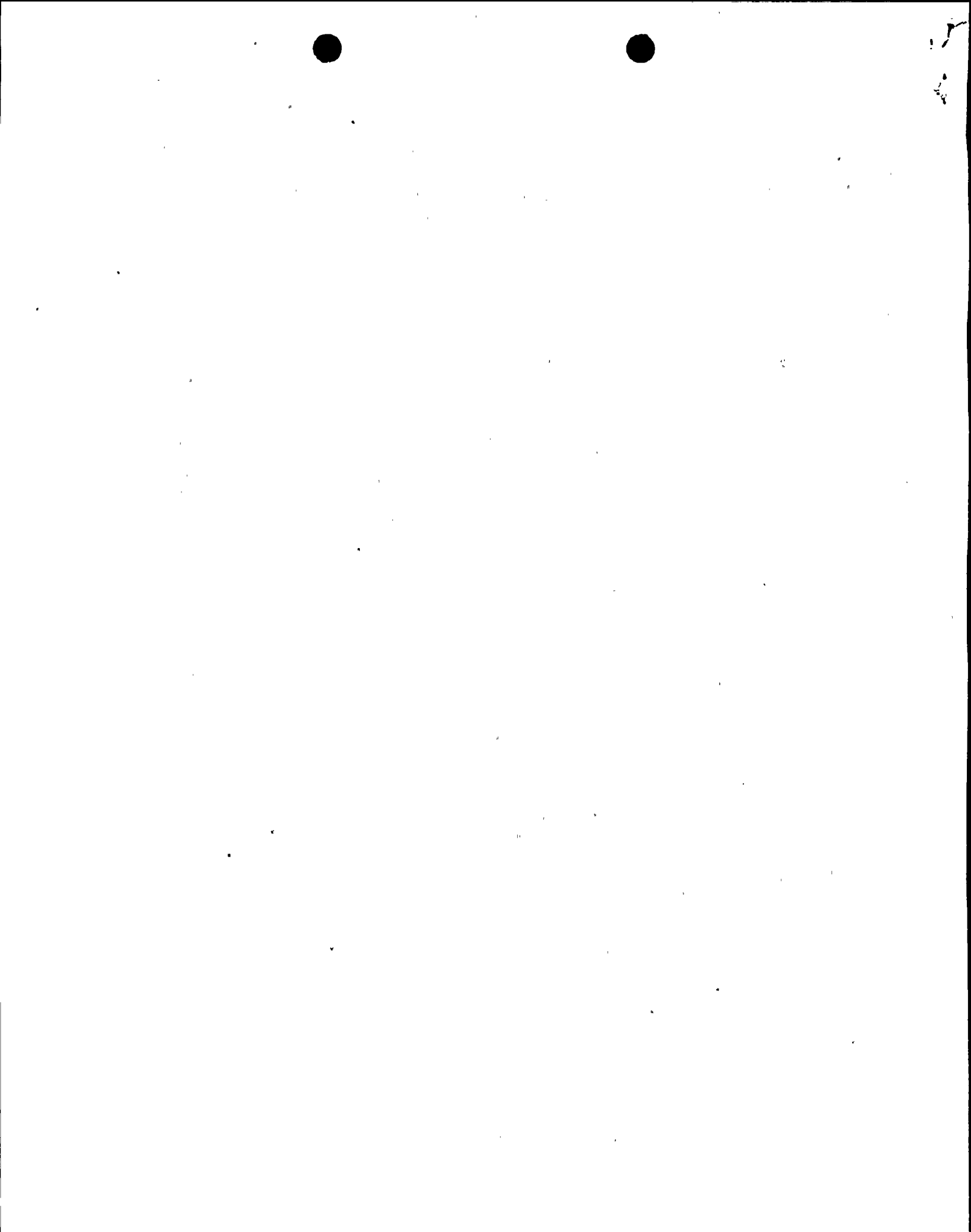
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Pacific Gas and Electric Company

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



September 26, 1994

PG&E Letter DCL-94-209

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 1-94-017-00  
Diesel Generators Ventilation System Air Flow Potentially  
Outside Design Basis Due to Inadequate Design

Gentlemen:

Pursuant to 10 CFR 50.73(a)(2)(ii)(B), PG&E is submitting the enclosed Licensee Event Report (LER) concerning the diesel generator ventilation system potentially being outside design basis because of inadequate radiator cooling air flow due to of inadequate design.

Based on initial ventilation system air flow testing, calculational results on August 25, 1994, indicated that, prior to the implementation of the new Diablo Canyon Hot Weather Plan, operators may not have had sufficient procedural guidance to ensure compensatory actions were taken. Therefore, based on these calculational results, the plant may have been outside its design basis. Preliminary calculations using new refined air flow test results indicate that the diesel generator ventilation system is capable of meeting its licensing functional requirements. A supplementary LER will be submitted when calculational results are finalized.

The health and safety of the public were not adversely affected by this condition.

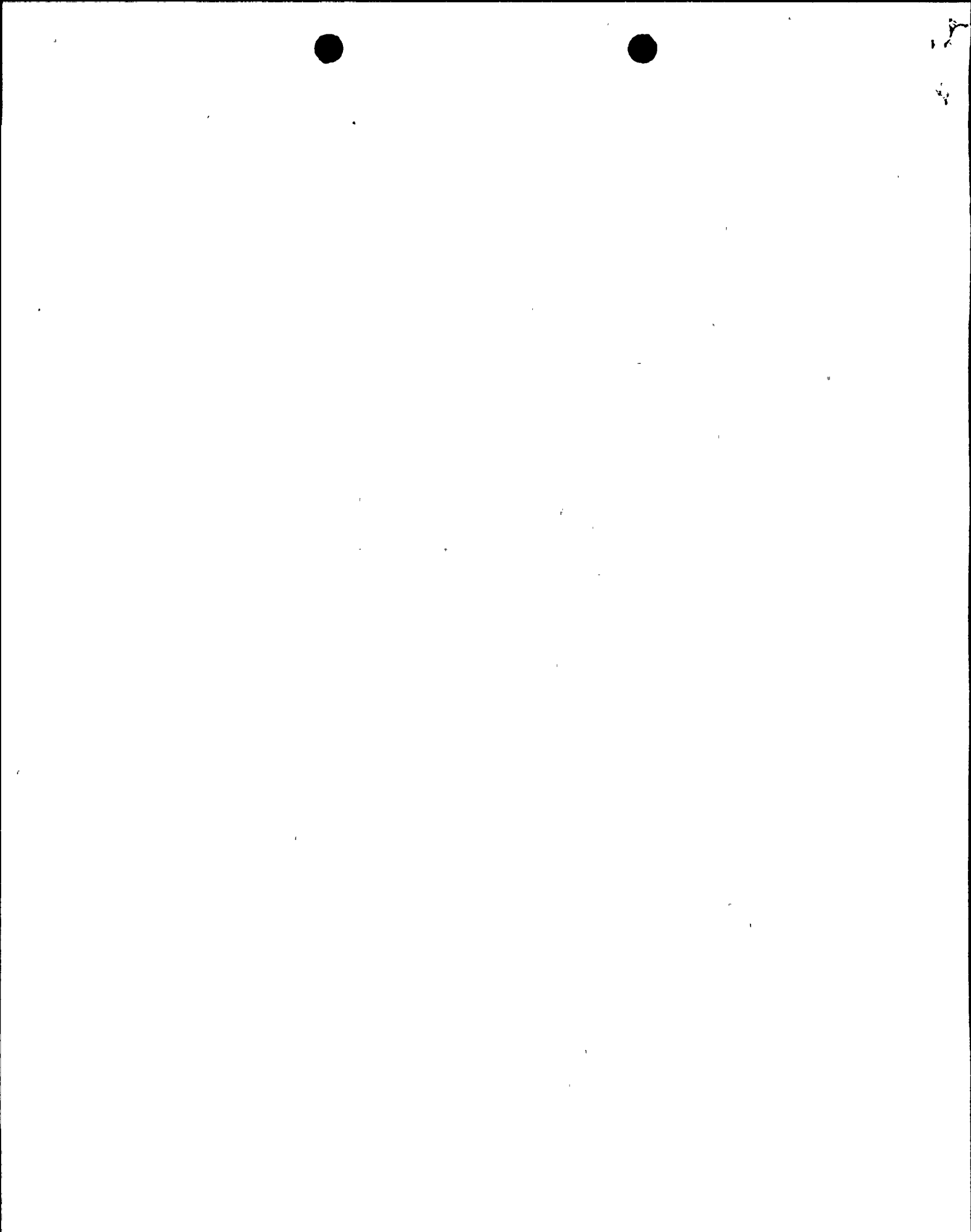
Sincerely,

A handwritten signature in cursive script, appearing to read 'Gregory M. Rueger (for)'. The signature is written in dark ink and is positioned above the typed name.

Gregory M. Rueger

9409300187 940926  
PDR ADDCK 05000275  
S PDR

Handwritten initials 'JGZ' in the bottom right corner of the page, written in a slanted, cursive style.



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

Enclosure

DC0-94-TN-N012

6637S/KWR/2246



# LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>Diablo Canyon Unit 1</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 2 7 5 1</b>	PAGE (3) <b>1</b> OF <b>1</b>
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TITLE (4) **Diesel Generators Ventilation System Air Flow Potentially Outside Design Basis Due to Inadequate Design**

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 (S)								
08	25	94	94	0	1	7	0	0	09	26	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**

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)

David P. Sisk - Senior Regulatory Compliance Engineer	TELEPHONE NUMBER
	AREA CODE <b>805</b> NUMBER <b>545-4420</b>

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO		11	15	94

ABSTRACT (16)

On August 25, 1994, at 1505 PDT, with Unit 1 in Mode 1 (Power Operation) at 100 percent power, PG&E determined that the emergency diesel generator (DG) ventilation system may not have met the licensing functional requirements. The licensing basis for the DG radiator inlet ambient air temperature is based on the ASHRAE standard of 0.1 percent probability of occurrence (historically established as 78 degrees F). A one-hour, non-emergency report was made to the NRC in accordance with 10 CFR 50.72(b)(1)(ii)(B).

The August 25, 1994, determination was based on initial air flow tests. Further air flow measurements were obtained on September 7 and 8, 1994. Preliminary calculational results using these air flow measurements indicate that the DG ventilation system is capable of meeting its licensing functional requirements.

A flow straightener section will be installed at the discharge of the DG ventilation system fan and a new duct will be installed on the west side of the turbine building to discharge the hot air. This will reduce the overall system backpressure.

A supplemental LER will be submitted after post-test instrument calibration results are obtained and the calculations are finalized.

