



**Pacific Gas and
Electric Company**

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November 9, 1999

PG&E Letter DCL-99-138

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No 50-275, OL-DPR-80
Diablo Canyon Unit 2
Special Report 99-06, Emergency Diesel Generator 2-1 Valid Failure

Dear Commissioners and Staff:

Pursuant to the special reporting requirements of Diablo Canyon Power Plant Technical Specification (TS) 4.8.1.1.4, and NRC Regulatory Guide (RG) 1.108, Revision 1, PG&E is submitting this special report regarding failure of Emergency Diesel Generator (EDG) 2-1 to complete the 24 hour loaded run due to an overcurrent trip.

Using the guidance of RG 1.108, Sections B and C.2.e, this event is considered to be a valid failure. At the time of the failure, Unit 2 was in a refueling outage with the core offloaded. EDG 2-2 remained operable; therefore, the requirements of TS limiting conditions for operation were satisfied.

In accordance with RG 1.108, Section C.3.b, the following information is provided:

1. Diesel generator involved: EDG 2-1
2. Number of valid failures in last 100 EDG 2-1 valid tests: 1
3. Cause of failure: The voltage regulator power transformer failed.
4. Corrective measures taken: The voltage regulator power transformer was replaced.
5. Length of time the EDG was unavailable: EDG 2-1 was not required to be available at the time of the failure. Unit 2 was in a refueling outage with the core in the spent fuel pool. EDG 2-1 had maintenance performed and was being tested prior to being declared operable. EDG 2-1 was repaired and returned to operable status prior to Unit 2 entering Mode 4 (Hot Shutdown).

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6. Current surveillance test interval: 31 days
7. Confirmation of proper test interval: This is the first failure of EDG 2-1 in the last 100 valid tests. Per TS Table 4.8-1, the test interval should be 31 days.

This event was not considered risk significant and could not have adversely affected the health and safety of the public.

Sincerely,



David H. Oatley

cc: Steven D. Bloom
Ellis W. Merschoff
David L. Proulx
Diablo Distribution
INPO

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