



March 29, 2000

PG&E Letter DCL-00-046

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

Docket No 50-275, OL-DPR-80
Diablo Canyon Unit 1
Special Report 00-04, Emergency Diesel Generator 1-3 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 a failure of Emergency Diesel Generator (EDG) 1-3, to start.

Using the guidance of RG 1.108, Sections B and C. 2. e, this event was evaluated and conservatively determined to be a valid failure. At the time, Unit 1 was in Mode 1. EDG 1-1 and 1-2 remained operable throughout the event and the allowable action time of 7 days was not exceeded.

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

1. Diesel generator involved: EDG 1-3
2. Number of valid failures in last 100 EDG 1-3 valid tests: 1
3. Cause of failure: A wire, required for a previous modification in 1993, was not installed in the alternate (nonessential) start circuit. The primary and alternate start circuits are in parallel and are separated (fuses installed), but energized by the same relay. In the normal configuration (fuses installed), the missing wire did not affect EDG operability or prevent the EDG from starting using the primary starting circuit. However, when the circuits were isolated for testing by removing the primary start circuit fuses, and a start signal was transmitted to the alternate circuit only, the EDG failed to start.

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4. Corrective measures taken: Wiring was added to the alternate start circuit and the EDG was started successfully using the primary and alternate circuits.
5. Length of time the EDG was unavailable: EDG 1-3 was declared inoperable from February 28, 2000, at 2235 PST to February 29, 2000, at 1905 PST, a total of 20 hours, 30 minutes.
6. Current surveillance test interval: 31 days.
7. Confirmation of proper test interval: The total number of valid failures in the last 100 tests for EDG 1-3 is 1. Thus, the 31 day test interval is in compliance with TS Table 4.8-1 and RG 1.108, Section C. 2. d.

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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