

November 19, 1998

Mr. Gregory M. Rueger
Senior Vice President and General Manager
Pacific Gas and Electric Company
Diablo Canyon Nuclear Power Plant
P. O. Box 3
Avila Beach, CA 93424

SUBJECT: ISSUANCE OF AMENDMENTS 126 AND 124 FOR DIABLO CANYON
NUCLEAR POWER PLANT, UNITS NO.1 (TAC NO. M98094) AND NO. 2 (TAC
NO. M98095)

Dear Mr. Rueger:

On June 5, 1998, the Commission issued Amendment No. 126 to Facility Operating License No. DPR-80 and Amendment No. 124 to Facility Operating License No. DPR-82 for Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2, respectively. These amendments changed the combined Technical Specifications (TS) to revise the surveillance frequencies from at least once every 18 months to at least once per refueling interval (nominally 24 months) for the (1) eight slave relays, (2) 20 electrical system tests, (3) one electrical TS Bases change, and (4) five miscellaneous tests.

Due to an administrative error, page 3/4 3-32, which was corrected in letter dated August 4, 1998, inadvertently placed the correction bar on the incorrect line. Due to another administrative error, the words "during shutdown" were put into the safety evaluation in describing the proposed change for TS 4.8.3.1c. The corrected pages 3/4 3-32 and page 8 of the safety evaluation are enclosed. We apologize for any inconvenience.

Sincerely,
Original Signed By
Steven D. Bloom, Project Manager
Project Directorate IV-2
Division of Reactor Projects III, IV
Office of Nuclear Reactor Regulation

Docket Nos. 50-275
and 50-323

Enclosures: 1. Corrected SE Page
2. Corrected TS Page

cc w/encls: See next page

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Mr. Gregory M. Rueger

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November 19, 1998

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TABLE 4.3-2 (Continued)

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION
SURVEILLANCE REQUIREMENTS

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<u>FUNCTIONAL UNIT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALI- BRATION</u>	<u>CHANNEL OPERA- TIONAL TEST</u>	<u>TRIP ACTUATING DEVICE OPERA- TIONAL TEST</u>	<u>ACTUATION LOGIC TEST</u>	<u>MASTER RELAY TEST</u>	<u>SLAVE RELAY TEST</u>	<u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u>
4. Steam Line Isolation								
a. Manual	N.A.	N.A.	N.A.	R24	N.A.	N.A.	N.A.	1, 2, 3
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	M ⁽¹⁾	M ⁽¹⁾	R24	1, 2, 3
c. Containment Pressure-High-High	S	R24	Q	N.A.	N.A.	N.A.	N.A.	1, 2, 3
d. Steam Line Pressure-Low	S	R24	Q	N.A.	N.A.	N.A.	N.A.	1, 2, 3
e. Negative Steam Line Pressure Rate-High	S	R24	Q	N.A.	N.A.	N.A.	N.A.	3 ⁽³⁾
5. Turbine Trip and Feedwater Isolation								
a. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	M ⁽¹⁾	M ⁽¹⁾	R24	1, 2
b. Steam Generator Water Level-High-High	S	R24	Q	N.A.	N.A.	N.A.	N.A.	1, 2
6. Auxiliary Feedwater								
a. Manual	N.A.	N.A.	N.A.	R	N.A.	N.A.	N.A.	1, 2, 3
b. Automatic Actuation Logic and Actuation Relays	N.A.	N.A.	N.A.	N.A.	M ⁽¹⁾	M ⁽¹⁾	R24	1, 2, 3
c. Steam Generator Water Level-Low-Low								
1) Steam Generator Water Level-Low-Low	S	R24	Q	N.A.	N.A.	N.A.	N.A.	1, 2, 3 ⁽⁵⁾
2) RCS Loop ΔT Equivalent to Power	N.A.	R24	Q	N.A.	N.A.	N.A.	N.A.	1, 2

DIABLO CANYON - UNITS 1 & 2 3/4 3-34 Unit 1 - Amendment 61, 84, 103, 114, 115, 119, 122, 126
 Unit 2 - Amendment 60, 83, 102, 112, 113, 116, 120, 124

was a valid demand and a failure of the EDG to respond to that demand since 1990. A review of these failure reports indicated that the problems were resolved satisfactorily and did not recur, and that maintenance was completed on line as necessary. The licensee reviewed the surveillance, and maintenance history for the EDGs and determined that there were no effects on safety and no time-dependent failures which would be affected by extending the frequency of the surveillances. The staff finds the proposed change acceptable.

3.6 Battery Capacity

Proposed Changes: TS 4.8.3.1c, Electrical Power Systems - D.C. Sources, Batteries. This change revises the requirement for visual inspection, connection verification, resistance readings, and battery charger capacity testing from at least once per 18 months to at least once per REFUELING INTERVAL.

TS 4.8.3.1d, Electrical Power Systems - D.C. Sources, Batteries. This change revises the requirement for verifying the ability of the battery to supply the actual and/or simulated emergency loads for the design duty cycle when subjected to a battery service test from at least once per 18 months during shutdown to at least once per REFUELING INTERVAL during shutdown.

TS 4.8.3.1f, Electrical Power Systems - D.C. Sources, Batteries. This change revises the requirement to perform the discharge tests of any battery that shows signs of degradation or has reached 85 percent of the service life expected for the application from at least once per 18 months during shutdown to at least once per REFUELING INTERVAL during shutdown.

TS Bases 3/4.8.1, 3/4.8.2, 3/4.8.3, Electrical Power Systems - A.C. Sources, D.C. Sources, and Onsite Power Distribution. This change revises the Bases to add the exception to the 18-month battery service test recommendation provided by Regulatory Guide (RG) 1.129.

Justification for the Changes: The vital D.C. power sources and associated distribution systems help ensure that sufficient instrumentation and control capability is available for monitoring and maintaining the plant status when A.C. power is lost. Each DCPD unit has three 60 cell, 125V vital batteries and five full capacity battery chargers. The three 125V vital busses has a dedicated battery and charger, supplied from its associated 480V vital bus, with the capability of being supplied by an alternate charger supplied from another 480V vital bus. The battery chargers supply the total load requirements of the D.C. system as well as maintaining a constant floating charge on the batteries. The recommendations of RG 1.129 states, "The battery service test should be performed during refueling operations or at some other outage, with intervals between tests not to exceed 18 months." DCPD is also committed to the 1980 version of IEEE-450, which does not make any recommendation for service test frequency, but does state that performance test should be performed at five year intervals until the battery is at 85 percent of its service life or shows signs of degradation. IEEE-450-1980, also states that quarterly visual inspections should be augmented with yearly detailed visual inspections. Many battery tests may be performed during power operations, however testing the battery capacity requires discharging the battery. Therefore, performance and capacity surveillances are performed with the plant shutdown. The batteries and chargers are tested on a refueling