



November 16, 2011

PG&E Letter DCL-11-117

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

10 CFR 50.4
10 CFR 50.54
10 CFR 50.71

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Power Plant Units 1 and 2
Updated Final Safety Analysis Report, Revision 20 and
Technical Specification Bases, Revision 7

Dear Commissioners and Staff:

Pursuant to 10 CFR 50.71(e) and 10 CFR 50.54(a)(3) and in accordance with 10 CFR 50.4(b)(6), Pacific Gas and Electric Company (PG&E) hereby submits the Diablo Canyon Power Plant (DCPP), "Updated Final Safety Analysis Report (UFSAR)", Revision 20. DCPP UFSAR, Revision 20, represents the status of DCPP Units 1 and 2 through June 5, 2011. As a minimum, DCPP UFSAR, Revision 20, reflects: (1) changes made under the provisions of 10 CFR 50.59, which are identified in Enclosure 1; and (2) changes made as a result of License Amendments, which are identified in Enclosure 2.

Pursuant to DCPP Unit 1 and Unit 2 Technical Specification (TS) 5.5.14, PG&E hereby submits Revision 7 of the DCPP TS Bases. DCPP TS Bases Revision 7 includes changes made to the TS Bases during the period of April 16, 2010, through October 12, 2011, and replaces Revision 6 in its entirety.

The submission of DCPP UFSAR, Revision 20, and the DCPP TS Bases, Revision 7, is provided on one compact disc (CD), Enclosure 3, labeled: "Diablo Canyon Power Plant FSAR Update, Revision 20", and "Technical Specification Bases, Revision 7", dated November 2011. The contents are in Adobe Acrobat Portable Document Format. A copy of this CD is being provided to the Regional Administrator, Region IV, the DCPP Project Manager, and the DCPP Senior Resident Inspector.

The CD contains the following files:

<u>File Name</u>	<u>File Size (Mb)</u>
01 DCPP UFSAR R20.pdf	39.8
02 DCPP TS Bases R7.pdf	1.9

A053
NRR



There are no new or revised regulatory commitments as defined by Nuclear Energy Institute 99-04, "Guidelines for Managing NRC Commitment Changes," dated July 1999, in this report.

If you have any questions regarding this submittal, please contact Mr. Tom Baldwin at (805) 545-4720.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on November 16, 2011.

Sincerely,

James R. Becker
Site Vice President

Enclosures

cc: Diablo Distribution
cc:/enc. Elmo E. Collins, NRC Region IV
Michael S. Peck, NRC Senior Resident Inspector
Alan B. Wang, NRR Project Manager

**Changes Incorporated into the DCPD UFSAR, Revision 20
Resulting from 10 CFR 50.59 Evaluations**

<u>Number</u> ⁽¹⁾	<u>Description</u>
2009-020	DDP ⁽²⁾ 1000000106: Unit 1 POV Panel Replacement. Replace Auxiliary and Fuel Handling Building Ventilation Control System (Unit 1).
2010-007	DDP 1000000320: Auxiliary Building Control Board Replacement – Phase 4A: Obsolescence Management Upgrade (Units 1 and 2) – (Phase 4A abandons, in-place, the boric acid (BA) evaporator and associated equipment such as the BA evaporator concentrates holding tank and pumps and BA condensate demineralizers).
2010-008	DDP 1000000275: Safety Injection Test Header Project for RCS and ECCS Check Valve Testing (Unit 1).
2010-011	DDP 1000000332: Allow Bypass of the P-12 Interlock Once Borated to Cold Shutdown Conditions in Mode 3 (Units 1 and 2)
2010-015	DDP 1000000119: Containment Fan Cooler Unit (CFCU) Anti-Reverse Rotation Device (Unit 2)
2010-016	DDP 1000000108: Containment Fan Cooler Unit (CFCU) Anti-Reverse Rotation Device (Unit 1)
2010-017	DDP 1000000340: Temporary Backup Spent Fuel Pool (SFP) Cooling System (Units 1 and 2)
2010-019	Pressurizer Level Increase in Modes 3, 4, and 5 (Units 1 and 2)
2010-020	DDP 1000000379: Discontinue Use of Diablo Creek as a Water Source
2010-021	DDP 1000000078: Reactor Head Replacement - Integrated Reactor Vessel Head Assembly (Unit 1)
2010-023	Revised Steam Generator Tube Rupture (SGTR) Analysis for Margin to Overfill (MTO) Case (Unit 1 and 2)
2010-024	DDP 1000000397: Replace Reactor Coolant Drain Tank (RCDT) Hatch Cover with Grating to Provide LOCA Flow Path to ECCS Sump (Unit 1)

- 2010-026 DDP 1000000367: Valve Stem Travel Stops – Safety Injection (SI) Test Header Project (Unit 2)
- 2011-005 DDP 1000000397 and 1000000453: Replace Reactor Coolant Drain Tank (RCDT) Hatch Cover with Grating to Provide LOCA Flow Path to ECCS Sump (Units 1 and 2)
- 2011-006 DDP 1000000470: 230kV System Dual Unit Trip Licensing and Design Basis Change (Units 1 and 2)
- 2011-009 Removal of the UFSAR Discussion of the Gross Failed Fuel Detector (GFFD)

(1) Licensing Basis Impact Evaluation (LBIE) Number

(2) DDP is the prefix for the SAP Design Change Package number (typical)

**Changes Incorporated into the DCPD UFSAR, Revision 20
Resulting From License Amendments**

<u>Unit 1 LA</u>	<u>Unit 2 LA</u>	<u>Description</u>
205	206	Delete Power Range Neutron Flux Rate - High Negative Rate Trip Function (TAC Nos. ME0713 and ME0714)
207	209	Critical Damping Values for Control Rod Drive Mechanism Pressure Housings (TAC Nos. ME2995 and ME2996)
208	210	Critical Damping Values for the Seismic Design and Analysis of the Reactor Vessel Integrated Head Assembly (TAC Nos. ME4056 and ME4057)
209	211	RCS Leakage Detection Instrumentation (TAC Nos. ME1644 and ME1645)
210	212	Security Plan: Revised to Include the Cyber Security Plan (TAC Nos. ME4290 and ME4291).

Compact Disc (CD), Diablo Canyon Power Plant

**FSAR Update – Revision 20
Technical Specification Bases – Revision 7
November 2011**