



**Pacific Gas and
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April 23, 2010

PG&E Letter DCL-10-038

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

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Power Plant, Units 1 and 2
2009 Annual Nonradiological Environmental Operating Report

Dear Commissioners and Staff:

Enclosed is the 2009 Annual Nonradiological Environmental Operating Report for Diablo Canyon Power Plant, Units 1 and 2, submitted in accordance with Subsection 5.4.1 of the Environmental Protection Plan, Appendix B, of the Facility Operating Licenses DPR-80 and DPR-82.

Pacific Gas and Electric Company makes no new regulatory commitments in this letter.

If you have any questions regarding this submittal, please contact James L. Kelly at (805) 545-3194.

Sincerely,

James R. Becker

swh/3008/64018723

Enclosure

cc/enc: Roger W. Briggs, Executive Officer, CRWQCB
Elmo E. Collins, Regional Administrator, NRC Region IV
Michael S. Peck, NRC Senior Resident
Alan B. Wang, NRC Project Manager, Office of Nuclear Reactor Regulation
Diablo Distribution

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bcc: Maggie N. Trumbly
Bryan Cunningham
Kathy Jones
Jennifer L. Post

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**2009 ANNUAL NONRADIOLOGICAL ENVIRONMENTAL
OPERATING REPORT
DIABLO CANYON POWER PLANT, UNITS 1 AND 2**

Pacific Gas and Electric Company
April 2010

1. Introduction

PG&E has prepared the 2009 Annual Nonradiological Environmental Operating Report in accordance with the Environmental Protection Plan (EPP), Appendix B, of Facility Operating Licenses DPR-80 and DPR-82 for Diablo Canyon Power Plant (DCPP), Units 1 and 2. The report describes implementation of the EPP per the routine reporting requirements of EPP Subsection 5.4.1. PG&E remains committed to minimizing the environmental impact of operating DCPP.

2. Environmental Monitoring

2.1. Aquatic Issues

Aquatic issues are addressed by the effluent limitations and receiving water monitoring/reporting requirements contained in the DCPP National Pollutant Discharge Elimination System (NPDES) permit. The NPDES permit includes applicable requirements of the State Water Resources Control Board's Ocean Plan and Thermal Plan.

2.1.1. Routine Influent and Effluent Monitoring

During 2009, DCPP submitted quarterly NPDES reports containing routine influent and effluent monitoring data and permit compliance summaries to the Central Coast Regional Water Quality Control Board (CCRWQCB) during the month following the end of each quarter. DCPP also submitted an annual NPDES report to the CCRWQCB in February 2010. The annual report contained monitoring data summaries in tabular and graphical form, and a summary of permit compliance and corrective actions for 2009. Copies of the quarterly and annual reports were submitted concurrently to the Nuclear Regulatory Commission (NRC).

2.1.2. Receiving Water Monitoring Program

The NPDES Receiving Water Monitoring Program, required by the CCRWQCB, included the ecological monitoring, temperature measurements, and State Mussel Watch activities.

Environmental monitoring programs have recorded biological changes in the discharge area since plant start-up. These programs monitor intertidal and subtidal communities of invertebrates, algae, and fish in the discharge cove and at stations north and south of DCPP. During 2009, environmental monitoring continued under the revised Receiving Water Monitoring Program (RWMP). The revised RWMP continued historical monitoring tasks, including temperature monitoring, State Mussel Watch activities, and intertidal and subtidal

surveys (with additional stations and increased sampling frequencies).

The NPDES permit remains under administrative extension. In 2000, DCPD reached a tentative agreement with CCRWQCB staff, which addresses current and future impacts on receiving waters from power plant effluent discharge. This agreement, and the revised NPDES permit renewal application, did not receive the expected approvals from the CCRWQCB in July 2003, and discussions are continuing with CCRWQCB staff and their consultants. Based on the tentative agreement, future receiving water monitoring requirements will be significantly reduced or eliminated upon approval of the revised NPDES permit. Effluent monitoring will continue under the revised NPDES Permit.

DCPD submitted the "Receiving Water Monitoring Program – 2008 Annual Report" (PG&E Letter No. DCL-2009-518) to the CCRWQCB and the NRC on April 25, 2009. The 2009 Receiving Water Monitoring annual report will be submitted in late April 2010.

2.1.3. Thermal Effects Study

DCPD submitted the final thermal effects comprehensive assessment report to the CCRWQCB and the NRC in 1998.

2.1.4. 316(b) Studies

DCPD submitted the final 316(b) report, entitled "316(b) Demonstration Report" (PG&E Letter No. DCL-2000-514) to the CCRWQCB and the NRC on March 1, 2000.

2.2. Terrestrial Issues

2.2.1. Herbicide Application and Erosion Control

Herbicides are used as one component of an overall land management program that includes transmission line corridors and rights-of-way. The company continues to use only EPA and/or state-approved herbicides and applies them in accordance with all applicable regulations.

PG&E continues to implement erosion control activities at the plant site and in the transmission line corridors as part of an overall land management program. These erosion control activities consist of routine maintenance and prevention efforts performed periodically on an as-needed basis, including seasonal storm damage repair and wildfire damage repair.

2.2.2. Preservation of Archaeological Resources

A. CA-SLO-2 Site Management

All work performed within the boundaries of CA-SLO-2 is tracked and approved per DCPD Procedure EV1.ID2.

In December 2009, PG&E's cultural resources specialist reviewed the 23 SLO-2 photo-monitoring stations. The photo monitoring was conducted in accordance with the Building and Land Service Department's (now Corporate Real Estate) "Cultural Resources Management Procedures for Archaeological Site CA-SLO-2," which implements policies of the Archaeological Resource Management Plan. One area with potential erosion issues was noted in December 2009. PG&E is working with an erosion control expert to address this impact to SLO-2. No other impacts to SLO-2 were noted during this visit.

B. Chumash Indian Correspondence

In 2009 there were no requests for access to visit SLO-2. PG&E only had contact with the Chumash in regards to the Diablo Canyon Power Plant License Renewal Project, and no comments were received.

3. Unusual or Important Environmental Events

There were no unusual or important environmental events during 2009.

4. Plant Reporting Requirements

4.1. EPP Noncompliance

There were no EPP noncompliances during 2009.

4.2. Changes In Station Design

There were no changes in plant design, operation, tests, or experiments that involved an unreviewed environmental question or a change to the EPP.

4.3. Nonroutine Reports

There were no nonroutine events during 2009 per the EPP, and therefore no nonroutine reports were submitted to the NRC.