



*Pacific Gas and  
Electric Company*

Diablo Canyon Power Plant  
PO Box 56  
Avila Beach, CA 93424  
800 545 6000

December 13, 2002

PG&E Letter DCL-02-143

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 Units 1 and 2  
Monthly Operating Report for November 2002

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for November 2002. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Sincerely,

James R. Becker  
*Vice President, DCPP Operations and Station Director*

smg/1713/R0239538

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers  
Robert D. Glynn, Jr.  
Barbara Lewis, McGraw Hill  
Ellis W. Merschhoff, NRC Regional Administrator, Region IV  
David L. Proulx, NRC Senior Resident Inspector  
Gregory M. Rueger  
Girija S. Shukla, NRC Project Manager  
INPO Record Center

IE24

**NOVEMBER 2002, OPERATION SUMMARIES  
DIABLO CANYON POWER PLANT  
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 remained in Mode 5 (Cold Shutdown) during November for main turbine generator rotor replacement.

Summary of Unit 2 Operation

Unit 2 began November in Mode 1 (Power Operation) at approximately 100 percent power. On November 7, 2002, operators began a planned ramp to 20 percent power in response to a forecast of high swells. Power reached 20 percent at 2333 PST. On November 8, 2002, at approximately 0630 PST, high swells and ocean plant-life debris caused high differential pressure across the traveling screens. In response, operators shut down the circulating water pumps, manually tripped the turbine, and shut down the reactor. The unit reached Mode 3 (Hot Standby) at 0643 PST. On November 10, 2002, at 1743 PST, operators paralleled Unit 2 to the grid. On November 11, 2002, operators completed the ramp to approximately 100 percent power.

Actuations of Safety or Pressurizer Power Operated Relief Valves

There were no challenges to the pressurizer power operated relief valves, pressurizer safety valves, or steam generator safety valves.

**OPERATING DATA REPORT**

DOCKET NO.: 50-275  
UNIT NAME: Diablo Canyon Unit 1  
DATE: 12/01/2002  
COMPLETED BY: L. M. Parker  
TELEPHONE: (805) 545-3386

REPORT MONTH: November 2002

1.	Design Electrical Rating (MWe - Net):	1,103
2.	Maximum Dependable Capacity (MWe - Net):	1,087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	0.0	6,306.3	133,726.3
4.	Number of Hours Generator On-Line:	0.0	6,188.2	132,230.5
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	0.0	6,596,074	136,754,163

**UNIT SHUTDOWNS**

DOCKET NO.: 50-275  
 UNIT NAME: Diablo Canyon Unit 1  
 DATE: 12/01/2002  
 COMPLETED BY: L. M. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: November 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE & CORRECTIVE ACTIONS COMMENTS
3	021020	S	720.0	A	4	Unit 1 entered a planned mid-cycle shutdown in October to investigate generator vibrations. The rotor is being replaced thus extending the outage.

1. Reason

- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training/License Examination
- F- Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

2. Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation from Previous Month
- 5-Other

**OPERATING DATA REPORT**

DOCKET NO.: 50-323  
UNIT NAME: Diablo Canyon Unit 2  
DATE: 12/01/2002  
COMPLETED BY: L. M. Parker  
TELEPHONE: (805) 545-3386

REPORT MONTH: November 2002

1.	Design Electrical Rating (MWe - Net):	1119
2.	Maximum Dependable Capacity (MWe - Net):	1087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	668.6	7932.7	130,614.5
4.	Number of Hours Generator On-Line:	660.9	7,919.9	129,143.9
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	692,653	8,507,854	135,913,786

**UNIT SHUTDOWNS**

DOCKET NO.: 50-323  
 UNIT NAME: Diablo Canyon Unit 2  
 DATE: 12/01/2002  
 COMPLETED BY: L. M. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: November 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE & CORRECTIVE ACTIONS COMMENTS
2	021108	F	59.1	A	1	Operators performed a planned ramp to 20% power in early November due to high swell warnings. A high pressure differential across the intake screens, due to high swells and heavy kelp loading, caused operators to shut down circulating water pumps, manually trip the turbine, and shut down the reactor.

1. Reason

- A-Equipment Failure (Explain)
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training/License Examination
- F- Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

2. Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation from Previous Month
- 5-Other