



**Pacific Gas and
Electric Company**

Diablo Canyon Power Plant
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January 15, 2003

PG&E Letter DCL-03-001

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 December 2002

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for December 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, DCCP Operations and Station Director

smg/1713/R0240323

Enclosures

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

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

Summary of Unit 1 Operation

Unit 1 began December in Mode 5 (Cold Shutdown) to complete main generator rotor replacement. On December 11, 2002, Unit 1 entered Mode 1 (Power Operation) and on December 12, operators paralleled the main generator to the grid. On December 14, operators completed the ramp to 100 percent power. On December 16, operators began ramping to less than 25 percent power due to a forecast for high ocean swells. Operators reduced power to approximately 15 percent and separated the main generator from the grid due to high turbine bearing vibrations and to perform a balance shot. On December 17, operators paralleled the generator to the grid and on December 18, the ramp to 100 percent power was completed. Unit 1 remained at 100 percent power for the remainder of the month.

Summary of Unit 2 Operation

Unit 2 began December in Mode 1 at approximately 100 percent power. On December 16, operators ramped the unit to less than 25 percent power due to high ocean swell forecasts. On December 17, after swells began to diminish, operators began the ramp to full power. On December 17, with Unit 2 at 67 percent power, operators began to ramp down to approximately 50 percent power to clean the condenser tubesheets. On December 18, after cleaning the tubesheets, operators began ramping to full power and Unit 2 reached 100 percent power on December 19, 2002. Unit 2 remained at 100 percent power for the remainder of the month.

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: 1/02/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: December 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: | 500.5 | 6,806.8 | 134,226.8 |
| 4. | Number of Hours Generator On-Line: | 466.5 | 6,654.7 | 132,697.0 |
| 5. | Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 6. | Net Electrical Energy Generated (MWH): | 452,136 | 7,048,210 | 137,206,299 |

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 1/02/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: December 2002

| NO. | DATE (YYMMDD) | TYPE F (Forced) S (Scheduled) | DURATION (HOURS) | REASON ¹ | METHOD OF SHUTTING DOWN ² | CAUSE & CORRECTIVE ACTIONS COMMENTS |
|-----|------------------|-------------------------------------|---------------------|---------------------|---|--|
| 3 | 021020 | S | 266.3 | A | 4 | Unit 1 entered a planned mid-cycle shutdown in October to investigate generator vibrations. The rotor was replaced, thus extending the outage. |
| | 021216 | F | 11.2 | B | | After Unit 1 was curtailed due to high ocean swells, operators took the unit off-line to perform a balance shot due to bearing vibrations. The reactor remained in Mode 1 at approximately 15 percent power. Therefore, this event is counted for the "duration" off-line but not as a reactor shutdown. |

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: 1/02/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: December 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: | 744.0 | 8,676.7 | 131,358.5 |
| 4. | Number of Hours Generator On-Line: | 744.0 | 8,663.9 | 129,887.9 |
| 5. | Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 6. | Net Electrical Energy Generated (MWH): | 778,204 | 9,286,058 | 136,691,990 |

UNIT SHUTDOWNS

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 1/02/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: December 2002

| NO. | DATE (YYMMDD) | TYPE F (Forced) S (Scheduled) | DURATION (HOURS) | REASON ¹ | METHOD OF SHUTTING DOWN ² | CAUSE & CORRECTIVE ACTIONS COMMENTS |
|-----|------------------|-------------------------------------|---------------------|---------------------|---|---|
| N/A | | | | | | There were no shutdowns this month. |

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