



**Pacific Gas and
Electric Company**

James R. Becker
Vice President - Diablo Canyon
Operations and Station Director

Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424

805.545.3462
Fax: 805.545.4234

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PG&E Letter DCL-04-027

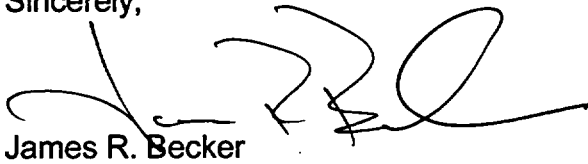
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Monthly Operating Report for February 2004

Dear Commissioners and Staff:

Enclosed is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for February 2004. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Sincerely,



James R. Becker

smg/1713/R0255755

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers
Robert D. Glynn, Jr.
Bruce S. Mallett, 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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**FEBRUARY 2004, OPERATION SUMMARIES
DIABLO CANYON POWER PLANT
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 began the month in Mode 1 (Power Operation) at approximately 100 percent power. For several months, operators have been monitoring a slow degradation in the performance of the main generator stator core cooling water (SCCW) system as indicated by reduced flow and rising differential temperature across the stator coil. On February 23, 2004, operators ramped to approximately 80 percent power due to limits on minimum differential between main generator SCCW and hydrogen cooling gas pressures. After reducing power, on February 25, 2004, operators commenced a planned ramp to approximately 23 percent power in response to a storm forecast predicting high ocean swells. On February 27, 2004, after the high swell warning was terminated, operators ramped to approximately 85 percent power. Unit 1 remained at that power level for the remainder of the month due to the projected degradation of stator coil cooling flow and differential temperatures.

Summary of Unit 2 Operation

Unit 2 began the month in Mode 1, at approximately 100 percent power. On February 25, 2004, operators commenced a planned ramp to approximately 24 percent power due to a storm forecast predicting high ocean swells. After the high swell warning was terminated, on February 27, 2004, operators commenced ramping to approximately 100 percent power. Unit 2 remained at approximately 100 percent power for the remainder of the month.

Actuations of Pressurizer Safety or 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: 3/02/2004
COMPLETED BY: S. Guess
TELEPHONE: (805) 545-4692

REPORT MONTH: February 2004

| | | |
|----|--|-------|
| 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: | 696.0 | 1,440.0 | 144,426.8 |
| 4. | Number of Hours Generator On-Line: | 696.0 | 1,440.0 | 142,909.6 |
| 5. | Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 6. | Net Electrical Energy Generated (MWH): | 715,632 | 1,507,061 | 148,298,791 |

UNIT SHUTDOWNS

DOCKET NO.: 50-275
 UNIT NAME: Diablo Canyon Unit 1
 DATE: 3/02/2004
 COMPLETED BY: S. Guess
 TELEPHONE: (805) 545-4692

REPORT MONTH: February 2004

| 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

OPERATING DATA REPORT

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 3/02/2004
COMPLETED BY: S. Guess
TELEPHONE: (805) 545-4692

REPORT MONTH: February 2004

| | | |
|----|--|-------|
| 1. | Design Electrical Rating (MWe - Net): | 1,119 |
| 2. | Maximum Dependable Capacity (MWe - Net): | 1,087 |

| | | This Month | YTD | Cumulative |
|----|--|------------|-----------|-------------|
| 3. | Number of Hours Reactor Critical: | 696.0 | 1,440.0 | 140,089.9 |
| 4. | Number of Hours Generator On-Line: | 696.0 | 1,440.0 | 138,554.1 |
| 5. | Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 6. | Net Electrical Energy Generated (MWH): | 724,727 | 1,536,758 | 145,953,975 |

UNIT SHUTDOWNS

DOCKET NO.: 50-323
 UNIT NAME: Diablo Canyon Unit 2
 DATE: 3/02/2004
 COMPLETED BY: S. Guess
 TELEPHONE: (805) 545-4692

REPORT MONTH: February 2004

| 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
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- 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