



**Pacific Gas and  
Electric Company**

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

Docket No. 50-275, DPR-80  
Docket No. 50-323, DPR-82  
Diablo Canyon Units 1 and 2  
Monthly Operating Report for December 1999

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for December 1999. This report is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications and NRC Generic Letter 97-02.

Sincerely,

David H. Oatley

cc: Steven D. Bloom  
Robert D. Glynn, Jr.  
Kurt Larson  
Barbara Lewis  
Ellis W. Merschoff  
David L. Proulx  
Greg M. Rueger  
INPO Record Center

Enclosures

LMP/1713/R0203741

IE24 1/2

**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. On the evening of December 31, 1999, operators initiated a ramp to approximately 80 percent power, as planned and directed by the independent system operator (ISO) as a precautionary measure for the Y2K rollover. There were no other significant operational activities.

Summary of Unit 2 Operation

Unit 2 began the month in Mode 1, at approximately 100 percent power. On December 2, 1999, at 1546 PST, operators were alerted to an imminent automatic trip of a circulating water pump and initiated a ramp to approximately 50 percent power. The circulating water pump tripped in response to an indicated loss of cooling, caused by a faulty pressure switch. On December 2, 1999, at 2217 PST, after the faulty pressure switch was replaced and the circulating water pump returned to service, operators initiated a ramp to approximately 100 percent power. On the evening of December 31, 1999, operators initiated a ramp to approximately 80 percent power, as planned and directed by the ISO as a precautionary measure for the Y2K rollover.

Actuations of Steam Generator Safety or Pressurizer Power Operated Relief Valves

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

**OPERATING DATA REPORT**

DOCKET NO.: 50-275  
UNIT NAME: Diablo Canyon Unit 1  
DATE: 1/1/2000  
COMPLETED BY: L. Parker  
TELEPHONE: (805) 545-3386

REPORT MONTH: December 1999

|    |                                          |      |
|----|------------------------------------------|------|
| 1. | Design Electrical Rating (MWe - Net):    | 1086 |
| 2. | Maximum Dependable Capacity (MWe - Net): | 1073 |

|    |                                       | This Month | YTD     | Cumulative |
|----|---------------------------------------|------------|---------|------------|
| 3. | Number of Hours Reactor Critical:     | 744.0      | 7837.5  | 111062.8   |
| 4. | Number of Hours Generator On-Line:    | 744.0      | 7766.3  | 109856.9   |
| 5. | Unit Reserve Shutdown Hours:          | 0.0        | 0.0     | 0.0        |
| 6. | Net Electrical Energy Generated (MWH) | 800352     | 8224843 | 112799991  |

**UNIT SHUTDOWNS**

DOCKET NO.: 50-275  
 UNIT NAME: Diablo Canyon Unit 1  
 DATE: 1/1/2000  
 COMPLETED BY: L. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: December 1999

| NO. | DATE | TYPE<br>F (Forced)<br>S (Scheduled) | DURATION<br>(HOURS) | REASON | METHOD OF<br>SHUTTING<br>DOWN <sup>2</sup> | CAUSE & CORRECTIVE ACTIONS<br>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: 1/1/2000  
COMPLETED BY: L. Parker  
TELEPHONE: (805) 545-3386

REPORT MONTH: December 1999

|    |                                          |      |
|----|------------------------------------------|------|
| 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      | 7949.4  | 105977.5   |
| 4. | Number of Hours Generator On-Line:    | 744.0      | 7902.8  | 104630.7   |
| 5. | Unit Reserve Shutdown Hours:          | 0.0        | 0.0     | 0.0        |
| 6. | Net Electrical Energy Generated (MWH) | 807613     | 8443691 | 109559018  |

**UNIT SHUTDOWNS**

DOCKET NO.: 50-323  
 UNIT NAME: Diablo Canyon Unit 2  
 DATE: 1/1/2000  
 COMPLETED BY: L. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: December 1999

| NO. | DATE | TYPE<br>F (Forced)<br>S (Scheduled) | DURATION<br>(HOURS) | REASON <sup>1</sup> | METHOD OF<br>SHUTTING<br>DOWN <sup>2</sup> | CAUSE & CORRECTIVE ACTIONS<br>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