



***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 September 2000

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for September 2000. This report is submitted in accordance with Section 5.6.4 of the Units 1 and 2 Technical Specifications and NRC Generic Letter 97-02.

Sincerely,

David H. Oatley

cc: Robert D. Glynn, Jr.  
Kurt Larson  
Barbara Lewis  
Ellis W. Merschoff  
David L. Proulx  
Lakshminaras Raghaven  
Gregory M. Rueger  
INPO Record Center

Enclosures

LMP/1713/R0209186

IE24

**SEPTEMBER 2000, OPERATION SUMMARIES  
DIABLO CANYON POWER PLANT  
UNITS 1 AND 2**

**Summary of Unit 1 Operation**

Unit 1 remained in Mode 1 (Power Operation), at approximately 100 percent power during September 2000. There were no significant operational activities.

**Summary of Unit 2 Operation**

Unit 2 began September in Mode 1, at approximately 99 percent power. Power had been reduced slightly due to indications of an extraction steam leak inside the main condenser. On September 4, 2000, operators reduced power to approximately 50 percent in response to indications of a tube leak in the main condenser. The tube leak was caused by failed extraction steam bellows inside the condenser. On September 5, 2000, Unit 2 was manually shutdown to Mode 3 (Hot Standby) for repairs to the bellows. On September 14, 2000, Unit 2 entered Mode 1 and was paralleled to the grid. On September 17, 2000, Unit 2 reached approximately 100 percent power where it remained for the balance of the month.

**Actuations of Steam Generator Safety or Pressurizer Power Operated Relief Valves**

There were no challenges to the pressurizer power operated relief valves. Unit 2 Steam Generator Safety Valve RV-3 leaked during restart when steam pressure approached the valve setpoint. The valve was temporarily gagged and the power range high flux trip setpoint reduced until power level was increased to 38 percent. When the gag was removed, leakage had stopped.

**OPERATING DATA REPORT**

**DOCKET NO.:** 50-275  
**UNIT NAME:** Diablo Canyon Unit 1  
**DATE:** 10/1/2000  
**COMPLETED BY:** L. Parker  
**TELEPHONE:** (805) 545-3386

**REPORT MONTH:** September 2000

<b>1.</b>	<b>Design Electrical Rating (MWe - Net):</b>	<b>1086</b>
<b>2.</b>	<b>Maximum Dependable Capacity (MWe - Net):</b>	<b>1073</b>

	<b>This Month</b>	<b>YTD</b>	<b>Cumulative</b>	
<b>3.</b>	<b>Number of Hours Reactor Critical:</b>	<b>720.0</b>	<b>6298.8</b>	<b>117361.6</b>
<b>4.</b>	<b>Number of Hours Generator On-Line:</b>	<b>720.0</b>	<b>6290.0</b>	<b>116146.9</b>
<b>5.</b>	<b>Unit Reserve Shutdown Hours:</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>6.</b>	<b>Net Electrical Energy Generated (MWH)</b>	<b>777041</b>	<b>6675276</b>	<b>119475267</b>

**UNIT SHUTDOWNS**

DOCKET NO.: 50-275  
 UNIT NAME: Diablo Canyon Unit 1  
 DATE: 10/1/2000  
 COMPLETED BY: L. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: September 2000

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	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:** 10/1/2000  
**COMPLETED BY:** L. Parker  
**TELEPHONE:** (805) 545-3386

**REPORT MONTH:** September 2000

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

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	495.3	6350.3	112327.8
4.	Number of Hours Generator On-Line:	486.5	6341.5	110972.1
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH)	479804	6854850	116413868

**UNIT SHUTDOWNS**

DOCKET NO.: 50-323  
 UNIT NAME: Diablo Canyon Unit 2  
 DATE: 10/1/2000  
 COMPLETED BY: L. Parker  
 TELEPHONE: (805) 545-3386

REPORT MONTH: September 2000

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE & CORRECTIVE ACTIONS COMMENTS
1	000905	F	233.5	A	1	A failure of Extraction Steam Bellows inside the main condenser resulted in salt water leaks from failed condenser tubes, requiring a shutdown to replace failed bellows.

**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