



**Pacific Gas and
Electric Company**

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PG&E Letter DCL-99-159

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 November 1999

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for November 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/R0202794

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**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), ramping to approximately 100 percent power. On November 19, 1999, plant management anticipated equipment problems from heavy seas and kelp debris, and directed a precautionary shutdown. On November 19, 1999, at 0950 PST, operators commenced a ramp down in power, and at 1453 PST, Unit 1 was taken off line. On November 21, 1999 at 0008 PST, Unit 1 was paralleled to the grid. On November 21, 1999, at 1630 PST, Unit 1 reached approximately 100 percent power.

Summary of Unit 2 Operation

Unit 2 began the month in Mode 1, ramping to approximately 50 percent power. Since this was the initial ramp following the ninth refueling, Unit 2 power was held at 73 percent and 92 percent prior to ramping to approximately 100 percent power on November 4, 1999. On November 19, 1999, plant management anticipated equipment problems from heavy seas and kelp debris, and directed a precautionary shutdown. On November 19, 1999, at 0955 PST, operators commenced a ramp down in power, and at 1418 PST, Unit 2 was taken off line. On November 20, 1999, at 1840 PST, Unit 2 was paralleled to the grid. On November 21, 1999, at 1317 PST, Unit 2 reached approximately 100 percent power.

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: 12/1/99
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: November 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:	697.8	7093.5	110318.8
4.	Number of Hours Generator On-Line:	686.6	7022.3	109112.9
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH)	721190	7424491	111999639

UNIT SHUTDOWNS

DOCKET NO.: 50-275
 UNIT NAME: Diablo Canyon Unit 1
 DATE: 12/1/99
 COMPLETED BY: L. Parker
 TELEPHONE: (805) 545-3386

REPORT MONTH: November 1999

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
4	991119	F	33.4	H	1	Unit 1 was manually taken off line as a precautionary measure. Forecasts called for high ocean swells which in the past, generated kelp debris which caused circulating water system equipment problems. After the ocean swells subsided, the unit was returned to service.

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: 12/1/99
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: November 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:	699.7	7205.4	105233.5
4.	Number of Hours Generator On-Line:	691.6	7158.8	103886.7
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH)	696172	7636078	108751405

UNIT SHUTDOWNS

DOCKET NO.: 50-323
 UNIT NAME: Diablo Canyon Unit 2
 DATE: 12/1/99
 COMPLETED BY: L. Parker
 TELEPHONE: (805) 545-3386

REPORT MONTH: November 1999

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
3	991119	F	28.4	H	1	Unit 2 was manually taken off line as a precautionary measure. Forecasts called for high ocean swells which in the past, generated kelp debris which caused circulating water system equipment problems. After the ocean swells subsided, the unit was returned to service.

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