



**Pacific Gas and
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PG&E Letter DCL-02-111


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 August 2002

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for August 2002. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Sincerely,



For James R. Becker

Imp/1713/R0235849

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers
Robert D. Glynn, Jr.
Barbara Lewis, McGraw Hill
Ellis W. Merschoff, NRC Regional Administrator, Region IV
David L. Proulx, NRC Senior Resident Inspector
Gregory M. Rueger
Girija S. Shukla, NRC Project Manager
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**AUGUST 2002, OPERATION SUMMARIES
DIABLO CANYON POWER PLANT
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 began August in Mode 1 (Power Operation) at approximately 100 percent power. However, high vibrations on the main generator current transformer (CT) continued during the month. On August 6, 2002, operators reduced power to approximately 83 percent due to high CT vibration. Management initiated plans to take the generator off-line over the weekend to perform corrective action. On August 9, 2002, operators reduced power from 100 percent due to high CT vibration. On August 10, 2002, operators manually took the unit off-line while maintaining the reactor in Mode 1 at approximately 15 percent power. After a balance shot was installed, operators paralleled the unit to the grid and increased power. On August 11, 2002, after reaching approximately 97 percent power, CT vibration again exceeded limits forcing operators to reduce power and manually take the unit off-line while maintaining the reactor in Mode 1 at approximately 15 percent power. On August 12, 2002, operators paralleled the unit to the grid and increased power. High CT vibrations continued to prevent the operators from maintaining the unit at 100 percent power. On August 23, operators reduced power from approximately 92 percent due to high CT vibration. On August 24, 2002, operators manually took the unit off-line while maintaining the reactor in Mode 1 at approximately 15 percent power. On August 24, 2002, after completing maintenance, operators paralleled the unit to the grid and increased power. Unit 1 ended the month in Mode 1 at approximately 98 percent power, which is the threshold to limit CT vibration.

Summary of Unit 2 Operation

Unit 2 remained in Mode 1 at approximately 100 percent power during August. On August 19, 2002, a ground was identified on a power cable supplying a Component Cooling Water (CCW) pump. Troubleshooting, cable replacement, and testing could not be completed within the technical specification completion time of 72 hours. A technical specification required shutdown was avoided when the NRC granted a Notice of Enforcement Discretion in response to PG&E letter DCL-02-100, "Request for Enforcement Discretion Regarding Compliance with Technical Specification 3.7.7, Vital CCW System." On August 23, 2002, after completing the cable replacement and testing, the CCW pump was returned to service.

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: 09/03/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: August 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:	744.0	5,115.5	132,535.5
4.	Number of Hours Generator On-Line:	705.0	4,998.2	131,040.5
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	729,757	5,329,881	135,487,970

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 09/03/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: August 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
	020810	F	12.6	A		Increasing vibrations in the main generator current transformer (CT) during the week prompted operators to reduce power and manually take the unit off-line to perform a "balance shot" on the rotor. 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.
	020811	F	8.2	A		After ramping the unit up in power, vibrations in the CT forced operators to manually take the unit off-line to attempt a "balance shot" on the rotor. 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.

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 09/03/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: August 2002, (continued)

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
	020824	F	18.2	A		Vibrations in the CT forced operators to manually take the unit off-line to attempt a "balance shot" on the rotor. 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: 09/03/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: August 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	5,799.1	128,480.9
4.	Number of Hours Generator On-Line:	744.0	5,794.0	127,018.0
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	815,440	6,219,219	133,625,151

UNIT SHUTDOWNS

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 09/03/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: August 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