



**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, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Monthly Operating Report for April 2003

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for April 2003. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Sincerely,

James R. Becker

LMP/1713/R0245720

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers
Robert D. Glynn, Jr.
Ellis W. Merschoff, 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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**APRIL 2003, OPERATION SUMMARIES
DIABLO CANYON POWER PLANT
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 began April in Mode 1 (Power Operation) at approximately 100 percent power. There were no significant operational activities.

Summary of Unit 2 Operation

Unit 2 began April in Mode 1 at approximately 50 percent power. On April 4, 2003, with Unit 2 at approximately 54 percent power, an auxiliary feedwater (AFW) check valve was discovered with its internals installed incorrectly, prompting a Technical Specification required manual shutdown to Mode 5 (Cold Shutdown) to replace the check valve (reference NRC event number 39735). On April 8, 2003, with Unit 2 in Mode 5, the AFW system actuated on an unplanned signal from the solid state protection system which was placed in service while a steam generator level was below the AFW actuation set point (reference NRC event number 39743). On April 15, 2003, operators entered Mode 1. On April 16, 2003, operators paralleled Unit 2 to the grid. Unit 2 ended the month at approximately 100 percent power.

Actuations of Pressurizer Safety or Power Operated Relief Valves

On April 19, 2003, with Unit 2 at approximately 92 percent power, PCV-456, Pressurizer PORV opened inadvertently during surveillance testing. The interlock automatically closed the PORV, and operators closed the block valve. The pressurizer pressure during the transient dipped to approximately 2165 PSIG. The cause was determined to be use of a superceded procedure.

There were no other 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: 05/01/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: April 2003

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:	719.0	2,879.0	137,105.8
4.	Number of Hours Generator On-Line:	719.0	2,879.0	135,588.6
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	796,269	3,183,170	140,389,469

UNIT SHUTDOWNS

DOCKET NO.: 50-275
 UNIT NAME: Diablo Canyon Unit 1
 DATE: 05/01/2003
 COMPLETED BY: L. M. Parker
 TELEPHONE: (805) 545-3386

REPORT MONTH: April 2003

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: 05/01/2003
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: April 2003

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

	This Month	YTD	Cumulative	
3.	Number of Hours Reactor Critical:	468.0	1,410.4	132,768.9
4.	Number of Hours Generator On-Line:	445.2	1,345.2	131,233.1
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	399,723	1,295,826	137,987,816

UNIT SHUTDOWNS

DOCKET NO.: 50-323
 UNIT NAME: Diablo Canyon Unit 2
 DATE: 05/01/2003
 COMPLETED BY: L. M. Parker
 TELEPHONE: (805) 545-3386

REPORT MONTH: April 2003

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
3	030404	F	273.8	D	1	Technical Specification required manual shutdown in response to the discovery of an AFW check valve with internals installed incorrectly. Reference NRC Event Number 39735, LER 2-2003-005. The valve was replaced with a different model.

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