



*Pacific Gas and
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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 June 2004

Dear Commissioners and Staff:

Enclosed is the Monthly Operating Report (MOR) for Diablo Canyon Power Plant, Units 1 and 2, for June 2004. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Sincerely,

James R. Becker

Imp/4692/R0261534

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers
Robert D. Glynn, Jr.
Bruce S. Mallett, 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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**JUNE 2004, OPERATION SUMMARIES
DIABLO CANYON POWER PLANT
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 began the month in Mode 3 (Hot Standby), continuing the refueling outage (1R12) that began on March 22, 2004. On June 3, 2004, the Unit 1 reactor was declared critical. On June 7, 2004, operators entered Mode 1 (Power Operation) and paralleled the unit to the grid, therefore completing the refueling outage. On June 12, 2004, operators took the unit off-line (but remained in Mode 1) for unplanned repair of moisture separator reheater pilot relief valve RV-2A. On June 12, 2004, after completing repairs, operators paralleled the unit and resumed power ascension. Unit 1 ended the month in Mode 1, at approximately 100 percent power.

Summary of Unit 2 Operation

Unit 2 began the month in Mode 1, at approximately 100 percent power. On June 18, 2004, operators reduced power to approximately 53 percent for planned biofouling removal from the circulating water tunnel. On June 22, 2004, the unit was returned to approximately 100 percent power. Unit 2 ended the month in Mode 1, at approximately 100 percent power.

Actuations of Pressurizer Safety or 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: 7/15/2004
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: June 2004

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:	656.5	2,624.6	145,611.4
4.	Number of Hours Generator On-Line:	557.0	2,504.1	143,973.7
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	468,494	2,443,969	149,104,413

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 7/15/2004
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: June 2004

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
1	040322	S	159.0	C	4	Scheduled refueling shutdown at the end of cycle 12 (1R12). Note: On 05/22/04, operators took the reactor critical for 20.6 hours for low power physics testing, then returned to Mode 3. This was not counted as a separate "shutdown."
	040612	F	4.0	B		U1 manual shutdown for repair of MSR pilot relief valve RV-2A. (Unit 1 remained in Mode 1, therefore, "shutdown number" and "method of shutting down" are left blank. The "Duration" refers to hours "off-line".)

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: 7/15/2004
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: June 2004

1.	Design Electrical Rating (MWe - Net):	1,119
2.	Maximum Dependable Capacity (MWe - Net):	1,087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	720.0	4,367.0	143,016.9
4.	Number of Hours Generator On-Line:	720.0	4,367.0	141,481.1
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	743,994	4,687,196	149,104,413

UNIT SHUTDOWNS

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 7/15/2004
COMPLETED BY: L. Parker
TELEPHONE: (805) 545-3386

REPORT MONTH: June 2004

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