



**Pacific Gas and
Electric Company**

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U.S. Nuclear Regulatory Commission
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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 2004, and Corrected June and July Data Sheets

Dear Commissioners and Staff:

Enclosed is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for August 2004. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02. Note the format change, which is a transition to the new INPO consolidated data entry (CDE) system for this report.

During the transition to the new database, two data entry errors were identified and corrected: June Unit 1 cumulative generation and July Unit 1 monthly generation. The affected data sheets for June and July are enclosed in the INPO CDE format, and supersede the previous submittals (DCL-04-087, DCL-04-103).

Sincerely,


James R. Becker

Imp/3386/R0263660

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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OPERATING DATA REPORT

DOCKET NO. 50-275
UNIT NAME Diablo Canyon 1
DATE September 13, 2004
COMPLETED BY Larry Parker
TELEPHONE (805) 545-3386

REPORTING PERIOD: June 2004

1. Design Electrical Rating	<u>1,103.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>656.52</u>	<u>2,624.57</u>	<u>145,611.37</u>	
4. Number of Hours Generator On-line	<u>556.98</u>	<u>2,504.11</u>	<u>143,973.71</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>468,494.00</u>	<u>2,443,969.00</u>	<u>149,235,699.00</u>	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
1	03/22/2004	S	158.97	C	4	Unit 1 Refueling Outage 12.
n/a	06/12/2004	F	4.05	B	5	Unit taken off-line to repair a moisture separator reheater relief valve. Unit remained in Mode 1.

SUMMARY: Unit 1 began the month in Mode 3 (Hot Standby), continuing the refueling outage (1R12) that began March 22, 2004. On June 3, 2004, 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 to repair a moisture separator reheater relief valve RV-2A. On June 12, 2004, repairs to RV-2A were completed and the unit paralleled to the grid with the resumption of power ascension. The unit ended the month in Mode 1 at approximately 100 percent power. There were no challenges to the pressurizer power operated relief valves, pressurizer safety valves, or steam generator safety valves.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-323
UNIT NAME Diablo Canyon 2
DATE September 08, 2004
COMPLETED BY
TELEPHONE

REPORTING PERIOD: June 2004

1.	Design Electrical Rating	<u>1,119.00</u>		
2.	Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>		
		<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3.	Number of Hours the Reactor was Critical	<u>720.00</u>	<u>4,367.00</u>	<u>143,016.90</u>
4.	Number of Hours Generator On-line	<u>720.00</u>	<u>4,367.00</u>	<u>141,481.13</u>
5.	Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6.	Net Electrical Energy Generated (MWHrs)	<u>743,994.00</u>	<u>4,687,196.00</u>	<u>149,104,413.00</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit 2 began the month in Mode 1 at approximately 100 percent power. On June 18, 2004, the operators began a planned reduction in power to approximately 53 percent power to remove biofouling from the circulating water tunnel. On June 22, 2004, the unit was returned to approximately 100 percent power. The unit ended the month in Mode 1 at approximately 100 percent power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-275
UNIT NAME Diablo Canyon 1
DATE September 13, 2004
COMPLETED BY Larry Parker
TELEPHONE (805) 545-3386

REPORTING PERIOD: July 2004

1. Design Electrical Rating	<u>1,103.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>703.80</u>	<u>3,328.37</u>	<u>146,315.17</u>	
4. Number of Hours Generator On-line	<u>693.00</u>	<u>3,197.11</u>	<u>144,666.71</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>747,801.00</u>	<u>3,191,770.00</u>	<u>149,983,500.00</u>	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
2	07/21/2004	F	51.00	D	1	Tech Spec Required Shutdown to repair a CCW leak on RCP 1-3. Reference NRC Event Number 40890.

SUMMARY: Unit 1 began July in Mode 1 (Power Operation) at approximately 100 percent power. On July 21, 2004, operators initiated an unplanned Tech Spec required shutdown and separated the unit from the grid to repair a component cooling water leak (crack) inside containment (reference NRC Event Number 40890). On July 22, 2004, the reactor was taken to Mode 3 (Hot Standby). On July 24, 2004, after completing repairs, operators paralleled the unit to the grid, and initiated a ramp to full power. The unit ended the month in Mode 1 at approximately 100 percent power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-323
UNIT NAME Diablo Canyon 2
DATE August 12, 2004
COMPLETED BY Larry Parker
TELEPHONE (805) 545-3386

REPORTING PERIOD: July 2004

1. Design Electrical Rating	<u>1,119.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>5,111.00</u>	<u>143,760.90</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>5,111.00</u>	<u>142,225.13</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>802,027.00</u>	<u>5,489,223.00</u>	<u>149,906,440.00</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit 2 began July in Mode 1 at approximately 100 percent power. On July 24, 2004, operators performed a planned ramp of the unit to approximately 50 percent in order to remove biofouling from the main condenser tube sheet and water box. On July 25, 2004, after completing condenser maintenance, operators ramped the unit to approximately 100 percent power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-275
UNIT NAME Diablo Canyon 1
DATE September 08, 2004
COMPLETED BY Larry Parker
TELEPHONE (805) 545-3386

REPORTING PERIOD: August 2004

1. Design Electrical Rating	<u>1,103.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>4,072.37</u>	<u>147,059.17</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>3,941.11</u>	<u>145,410.71</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>821,756.00</u>	<u>4,013,526.00</u>	<u>150,805,256.00</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit 1 remained in Mode 1 (Power Operation), at approximately 100 percent power during August 2004. There were no challenges to the pressurizer power operated relief valves, pressurizer safety valves, or steam generator safety valves.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-323
UNIT NAME Diablo Canyon 2
DATE September 07, 2004
COMPLETED BY Larry Parker
TELEPHONE (805) 545-3386

REPORTING PERIOD: August 2004

1. Design Electrical Rating	<u>1,119.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>1,087.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>5,855.00</u>	<u>144,504.90</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>5,855.00</u>	<u>142,969.13</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>802,363.00</u>	<u>6,291,586.00</u>	<u>150,708,803.00</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit 2 began August in Mode 1 (Power Operation) at approximately 100 percent power. On August 20, 2004, operators performed a planned ramp to approximately 50 percent power to remove biofouling from the main condenser and circulating water pump forebay. On August 21, 2004, operators ramped the unit to approximately 100 percent power. There were no challenges to the pressurizer power operated relief valves, pressurizer safety valves, or steam generator safety valves.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)