

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

This report describes the operating and major maintenance experience for the month of June, 1985. This narrative report was prepared by the plant staff and is submitted in accordance with Section 6.9.1.10 of the Unit 1 Plant Technical Specifications and Section 6.9.1.7 of the Unit 2 Plant Technical Specifications.

Central Coast Regional Water Quality Board Report

A review of the Unit 1 circulating water inlet and out temperature strip charts indicate that the delta T limit of 20°F had been exceeded on 7 occasions between May 24 and June 1. On each occasion, the unit had been operating at reduced load with one circulating pump secured due to main condensor maintenance. The delta T high alarm was inoperable during this period.

Had the high delta T alarms been functional during this time, the first event would have been noticed and corrective actions taken to prevent the repetitions during the following week. The alarm has been restored to operable status.

Upon discovery the event was reported to the Central Coast Regional Water Quality Board by telephone.

To prevent recurrence, the power level the unit was restricted to during one-half condensor operation was reduced and a means of reading the circulating water delta T has been added in the control room.

There were no major safety related maintenance activities performed in the month of June 1985 for Unit 1. Four of Unit 2's Nuclear Instrument Inverters were replaced with a new improved model. A maintenance and testing outage was completed on the 480 Volt AC bus for the three Unit 2 vital load centers.

No challenges to the PORVs or Steam Generator Safety Valves have been made.

No changes have been made in the Environmental Radiological Monitoring procedure, the Offsite Dose Calculation procedure, or in any radioactive waste treatment system.

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OPERATING DATA REPORT

DOCKET NO.	50-275
DATE	07/01/85
COMPLETED BY	Bob Kanick
TELEPHONE	(805)595-7351

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 1
2. Reporting Period: June 1985
3. Licensed Thermal Power (MWt): 3338
4. Nameplate Rating (Gross MWe): 1137
5. Design Electrical Rating (Net MWe): 1086
6. Maximum Dependable Capacity (Gross MWe): 1125**
7. Maximum Dependable Capacity (Net MWe): 1073**
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

N.A.

9. Power Level To Which Restricted, If Any (Net MWe): N.A.
10. Reasons For Restrictions, If Any: None

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720.0	1317.3	1317.3*
12. Number Of Hours Reactor Was Critical	720.0	1277.3	1277.3*
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	1266.5	1266.5*
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2286901	3919009	3919009
17. Gross Electrical Energy Generated (MWH)	773100	1317232	1317232
18. Net Electrical Energy Generated (MWH)	736185	1251180	1251180
19. Unit Service Factor	100.0	96.1	96.1
20. Unit Availability Factor	100.0	96.5	96.5
21. Unit Capacity Factor (Using MDC Net)	95.3	88.5	88.5
22. Unit Capacity Factor (Using DER Net)	94.2	87.5	87.5
23. Unit Forced Outage Rate	0.0	3.9	3.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

None

25. If Shut Down At End Of Report Period, Est. Date of Start-up: N/A
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|---------------|------------|
| INITIAL CRITICALITY | April 1984 | April 1984 |
| INITIAL ELECTRICITY | November 1984 | Nov. 1984 |
| COMMERCIAL OPERATION | April 1985 | May 1985 |

* Cumulative totals started at 0243 on May 7, 1985. (Time and date of start of commercial power operation).

** These values are predictions - actual values are to be determined by operating experience during the first year of commercial operation.

OPERATING DATA REPORT

DOCKET NO.	50-323
DATE	07/01/85
COMPLETED BY	Bob Kanick
TELEPHONE	(805)595-7351

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 2
2. Reporting Period: June 1985
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1164
5. Design Electrical Rating (Net MWe): 1119
6. Maximum Dependable Capacity (Gross MWe): 1145***
7. Maximum Dependable Capacity (Net MWe): 1093***
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: None

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720.0	1464*	1464*
12. Number Of Hours Reactor Was Critical	0.0	0.0	0.0*
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	0.0	0.0*
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	0	0*
17. Gross Electrical Energy Generated (MWH)	0	0	0*
18. Net Electrical Energy Generated (MWH)	- 3318	- 7509	- 7509*
19. Unit Service Factor	N/A**		
20. Unit Availability Factor	N/A**		
21. Unit Capacity Factor (Using MDC Net)	N/A**		
22. Unit Capacity Factor (Using DER Net)	N/A**		
23. Unit Forced Outage Rate	N/A**		
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

N/A

25. If Shut Down At End Of Report Period, Est. Date of Start-up: July, 1985
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|---------------|----------|
| INITIAL CRITICALITY | July 1985 | |
| INITIAL ELECTRICITY | August 1985 | |
| COMMERCIAL OPERATION | November 1985 | |

- * Cumulative totals started on the April 26, 1985 (Date of effectiveness of Low Power License).
- ** These sections not applicable until commencement of commercial operation.
- *** These values are predictions - actual values are to be determined by operating experience during the first year of commercial operation.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-275
UNIT Diablo Canyon Unit 1
DATE 07/01/85
COMPLETED BY Bob Kanick
TELEPHONE (805)595-7351

MONTH June 1985

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	<u>735</u>
2	<u>937</u>
3	<u>1069</u>
4	<u>1077</u>
5	<u>814</u>
6	<u>1078</u>
7	<u>1081</u>
8	<u>1077</u>
9	<u>1077</u>
10	<u>1065</u>
11	<u>1072</u>
12	<u>1074</u>
13	<u>1085</u>
14	<u>1074</u>
15	<u>1077</u>
16	<u>1073</u>

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	<u>1069</u>
18	<u>962</u>
19	<u>1089</u>
20	<u>1064</u>
21	<u>1082</u>
22	<u>536</u>
23	<u>1073</u>
24	<u>1061</u>
25	<u>1085</u>
26	<u>1078</u>
27	<u>1073</u>
28	<u>1081</u>
29	<u>1061</u>
30	<u>899</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-323
UNIT Diablo Canyon Unit 2
DATE 07/01/85
COMPLETED BY Bob Kanick
TELEPHONE (805)595-7351

MONTH June 1985

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

1	-2
2	-3
3	-4
4	-3
5	-5
6	-5
7	-5
8	-4
9	-4
10	-4
11	-4
12	-6
13	-5
14	-4
15	-4
16	-5

DAY AVERAGE DAILY POWER LEVEL
(MWE-NET)

17	-5
18	-5
19	-4
20	-5
21	-5
22	-6
23	-6
24	-5
25	-4
26	-6
27	-6
28	-6
29	-5
30	-5

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

PAGE 1 OF 1

DOCKET NO. 50-275
 UNIT NAME Diablo Canyon Unit 1
 DATE 07/01/85
 COMPLETED BY D.P. SISK
 TELEPHONE (805)595-7351

REPORT MONTH JUNE 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutdown ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
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NONE

¹ F: Forced S: Scheduled	² 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)	³ Method: 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation from previous month. 5-Power reduction 6,7,8-N/A 9-Other	⁴ Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022) ⁵ Exhibit I - Same Source
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UNIT SHUTDOWNS AND POWER REDUCTIONS

PAGE 1 OF 1

DOCKET NO. 50-323
 UNIT NAME Diablo Canyon Unit 2
 DATE 07/01/85
 COMPLETED BY D.P. SISK
 TELEPHONE (805)595-7351

REPORT MONTH JUNE 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutdown	Licenses Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
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This report is not applicable until initial electrical production

1	F: Forced S: Scheduled	2	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)	3	Method: 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation from previous month. 5-Power reduction 6,7,8-N/A 9-Other	4	Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022)	5	Exhibit I - Same Source

PACIFIC GAS AND ELECTRIC COMPANY

PG&E



DIABLO CANYON POWER PLANT
P.O. Box 56 • Avila Beach, California 93424 • (805) 595-7351

R.C. THORNBERRY
PLANT MANAGER

July 3, 1985

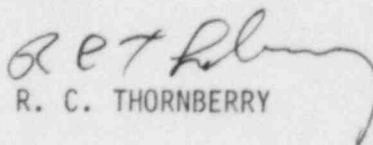
Office of Management Information
and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: Docket No. 50-275 and 50-323
License No. DPR-80 and DPR-81
Monthly Operating Report for June, 1985

Gentlemen:

Enclosed are the completed monthly operating report forms for Diablo Canyon Units 1 and 2 for June, 1985. This report is submitted in accordance with Section 6.9.1.10 of our Unit 1 Technical Specifications and Section 6.9.1.7 of our Unit 2 Technical Specifications.

Sincerely,


R. C. THORNBERRY

RCT:lah

Enclosures

cc Mr. John B. Martin, Regional Administrator
Region V - USARC

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