

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

This report describes the operating and major maintenance experience for the month of July, 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.

On July 1, 1985 Unit 1 experienced a containment ventilation isolation

On July 2, 1985 Unit 2 experienced a containment ventilation isolation

On July 8, 1985 Exceeded Technical Specification allowed time period for
returning fire barrier to operability

On July 19, 1985 Unit 2 experienced a safety injection

On July 19, 1985 Unit 2 made initial entry to Mode 4

On July 25, 1985 Unit 2 made initial entry to Mode 3

On July 30/31, 1985 Unit 1 reduced power to 50% to plug leaking condensor
tubes

On July 31, 1985 Unit 2 experienced a containment ventilation isolation

There were no major safety related maintenance activities performed for Unit 1 in the month of July 1985. For Unit 2, Reactor Coolant Pumps 2-1 and 2-4 have been balanced and Reciprocating Charging Pump 2-3 is out of commission while awaiting parts.

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.

8510010612 850731
PDR ADOCK 05000275
R PDR

OPERATING DATA REPORT

DOCKET NO.	50-275
DATE	08/01/85
COMPLETED BY	Bob Kanick
TELEPHONE	(805)595-7351

OPERATING STATUS

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

N/A

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

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2061.3	2061.3*
12. Number Of Hours Reactor Was Critical	744.0	2021.3	2021.3*
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2010.5	2010.5*
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2435846	6354855	6354855
17. Gross Electrical Energy Generated (MWH)	819500	2136732	2136732
18. Net Electrical Energy Generated (MWH)	781386	2032566	2032566
19. Unit Service Factor	100.0	97.5	97.5
20. Unit Availability Factor	100.0	97.5	97.5
21. Unit Capacity Factor (Using MDC Net)	97.9	91.9	91.9
22. Unit Capacity Factor (Using DER Net)	96.7	90.8	90.8
23. Unit Forced Outage Rate	0.0	2.5	2.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

N/A

- If Shut Down At End Of Report Period, Est. Date of Start-up: N/A
- 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 08/01/85
 COMPLETED BY Bob Kanick
 TELEPHONE (805)595-7351

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 2
2. Reporting Period: July 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	744.0	2208*	2208*
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)	- 14,253	- 21,762	- 21,762*
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: August, 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 08/01/85
COMPLETED BY Bob Kanick
TELEPHONE (805)595-7351

MONTH July 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1077</u>
2	<u>1069</u>
3	<u>1077</u>
4	<u>1061</u>
5	<u>1060</u>
6	<u>1036</u>
7	<u>983</u>
8	<u>1075</u>
9	<u>1079</u>
10	<u>1078</u>
11	<u>1075</u>
12	<u>1075</u>
13	<u>924</u>
14	<u>961</u>
15	<u>1078</u>
16	<u>1075</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1074</u>
18	<u>1078</u>
19	<u>1075</u>
20	<u>1062</u>
21	<u>1062</u>
22	<u>1083</u>
23	<u>1062</u>
24	<u>1066</u>
25	<u>1068</u>
26	<u>1069</u>
27	<u>1069</u>
28	<u>1039</u>
29	<u>1069</u>
30	<u>909</u>
31	<u>991</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. 5C-323
UNIT Diablo Canyon Unit 2
DATE 08/01/85
COMPLETED BY Bob Kanick
TELEPHONE (805)595-7351

MONTH July 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>-5</u>
2	<u>-5</u>
3	<u>-14</u>
4	<u>-32</u>
5	<u>-2</u>
6	<u>-4</u>
7	<u>-8</u>
8	<u>-1</u>
9	<u>-9</u>
10	<u>-15</u>
11	<u>-16</u>
12	<u>-12</u>
13	<u>-8</u>
14	<u>-5</u>
15	<u>-10</u>
16	<u>-7</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>-4</u>
18	<u>-28</u>
19	<u>-28</u>
20	<u>-28</u>
21	<u>-28</u>
22	<u>-28</u>
23	<u>-28</u>
24	<u>-28</u>
25	<u>-28</u>
26	<u>-28</u>
27	<u>-38</u>
28	<u>-37</u>
29	<u>-36</u>
30	<u>-34</u>
31	<u>-42</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Page 1 of 1

DOCKET NO. 50-275
 UNIT NAME Diablo Canyon Unit 1
 DATE 08/01/85
 COMPLETED BY D.P. SISK
 TELEPHONE (805)595-7351

REPORT MONTH JULY 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
-----	------	-------------------	---------------------	---------------------	------------------------------------	-------------------------------	-----------------------------	--------------------------------	---

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
---	---	---	--

UNIT SHUTDOWNS AND POWER REDUCTIONS

Page 1 of 1

DOCKET NO. 50-323

UNIT NAME Diablo Canyon Unit 2

DATE 08/01/85

COMPLETED BY D.P. SISK

TELEPHONE (805)595-7351

REPORT MONTH JULY 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
-----	------	-------------------	---------------------	---------------------	------------------------------------	-------------------------------	-----------------------------	--------------------------------	---

This report is not applicable until initial electrical production

1	2	3	4
F: Forced	Reason:	Method:	Exhibit G - Instructions
S: Scheduled	A-Equipment Failure (Explain)	1-Manual	for Preparation of Data
	B-Maintenance or Test	2-Manual Scram.	Entry Sheets for Licensee
	C-Refueling	3-Automatic Scram.	Event Report (LER) File
	D-Regulatory Restriction	4-Continuation from	(NUREG-1022)
	E-Operator Training & License Examination	previous month.	
	F-Administrative	5-Power reduction	5
	G-Operational Error (Explain)	6,7,8-N/A	Exhibit I - Same Source
	H-Other (Explain)	9-Other	

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

August 2, 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 July, 1985

Gentlemen:

Enclosed are the completed monthly operating report forms for Diablo Canyon Units 1 and 2 for July, 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. Patterson
for R. C. THORNBERRY

RCT:lah

Enclosures

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