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MALONE,D.D. Pacific Gas & Electric Co.
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SUBJECT: Monthly operating repts for Jan 1996 for DCNPP.W/960215 ltr.

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Pacific Gas and Electric Company

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Warren H. Fujimoto
Vice President–Diablo Canyon
Operations and Plant Manager

February 15, 1996

PG&E Letter DCL-96-048

U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

Docket No. 50-275, DPR-80
Docket No. 50-323, DPR-82
Diablo Canyon Units 1 and 2
Monthly Operating Report for January 1996

Dear Commissioners and Staff:

Enclosed are the monthly operating report forms for Diablo Canyon Power Plant Units 1 and 2 for January 1996. This report is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications.

Sincerely,

Robert P. Powers for
Warren H. Fujimoto

Enclosures

1419S/DDM/1713

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February 15, 1996

PG&E Letter DCL-96-048

U.S. Nuclear Regulatory Commission
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Sincerely,

Warren H. Fujimoto

Enclosures

1419S/DDM/1713

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Walnut Creek, CA 94596-5268

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

The monthly report describes the operating and major maintenance experience for the month of January 1996. This narrative report was prepared by the Plant Staff and is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications.

Narrative of Daily Significant Plant Events

On January 1, 1996: Unit 1 started the month in Mode 1 (Power Operation) at 100 percent power. Unit 2 started the month in Mode 1 at 100 percent power.

On January 31, 1996: Unit 1 ended the month in Mode 1 at 100 percent power. Unit 2 ended the month in Mode 1 at 100 percent power.

Summary of Plant Operating Characteristics, Power Reductions and Unit Shutdowns

Unit 1 operated this month with a unit availability factor of 100 percent and a unit capacity factor (using MDC Net) of 101.21 percent. Unit 1 did not reduce power by more than 20 percent for more than four hours this month.

Unit 2 operated this month with a unit availability factor of 100 percent and a unit capacity factor (using MDC Net) of 97.94 percent. Unit 2 did not reduce power by more than 20 percent for more than four hours this month.

Summary of Significant Safety Related Maintenance

There was no significant safety related maintenance performed during January for Unit 1.

There was no significant safety related maintenance performed during January for Unit 2.

Actuation of Steam Generator Safety or Pressurizer Power Operated Relief Valves

There were no challenges to the steam generator safety or pressurizer power-operated relief valves.

OPERATING DATA REPORT

DOCKET NO.	50-275
UNIT	1
DATE	02/01/96
COMPLETED BY	T. Eubank/D. Malone
TELEPHONE	(805) 545-4867/4859

OPERATING STATUS

1.	Unit Name:	Diablo Canyon Unit 1
2.	Reporting Period:	January 1996
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):	1124
7.	Maximum Dependable Capacity (Net MWe):	1073.4
8.	If changes occur in capacity ratings (items 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:	N/A

		This Month	YTD	Cumulative
11.	Hours In Reporting Period	744.0	744.0	94126.3
12.	Number Of Hours Reactor Was Critical	744.0	744.0	79295.5
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	744.0	78254.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2483120	2483120	248793216
17.	Gross Electrical Energy Generated (MWH)	844900	844900	83714032
18.	Net Electrical Energy Generated (MWH)	808256	808256	79441707
19.	Unit Service Factor	100.00	100.00	83.14
20.	Unit Availability Factor	100.00	100.00	83.14
21.	Unit Capacity Factor (Using MDC Net)	101.21	101.21	78.63
22.	Unit Capacity Factor (Using DER Net)	100.03	100.03	77.72
23.	Unit Forced Outage Rate	0.00	0.00	3.49

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): A maintenance outage to replace auxiliary transformer 1-2 is estimated to begin second week in March 1996 and last five days.

25. If Shut Down At End Of Report Period, Estimate Date of Startup: None.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-275
UNIT	1
DATE	01/02/96
COMPLETED BY	T. Eubank/D. Malone
TELEPHONE	(805) 545-4867/4859

January	1996	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
		1	1088
		2	1084
		3	1088
		4	1088
		5	1089
		6	1084
		7	1092
		8	1085
		9	1089
		10	1088
		11	1084
		12	1089
		13	1089
		14	1088
		15	1089
		16	1084
		17	1088
		18	1084
		19	1089
		20	1084
		21	1084
		22	1084
		23	1088
		24	1084
		25	1084
		26	1084
		27	1080
		28	1092
		29	1088
		30	1084
		31	1083

The average monthly Electrical Power Level for January 1996 = 1086.37 MWe-Net

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-275
UNIT	1
DATE	02/01/96
COMPLETED BY	D. D. Malone
TELEPHONE	(805) 545-4859

REPORT MONTH: January 1996

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
Type:
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-Other

4
EIIS Systems List, Table 1

5
IEEE Std. 803A-1983, "IEEE Recommended Practice for Unique Identification in Power Plants and Related Facilities - Table 2"

OPERATING DATA REPORT

DOCKET NO. 50-323
UNIT 2
DATE 02/01/96
COMPLETED BY T. Eubank/D. Malone
TELEPHONE (805) 545-4867/4859

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 2
2. Reporting Period: January 1996
   Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1164
5. Design Electrical Rating (Net MWe): 1119
6. Maximum Dependable Capacity (Gross MWe): 1137
7. Maximum Dependable Capacity (Net MWe): 1087
8. If changes occur in capacity ratings (items 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: N/A

	This Month	YTD	Cumulative
11. Hours In Reporting Period	744.0	744.0	86685.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	75016.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	73945.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2536654	2536654	243029797
17. Gross Electrical Energy Generated (MWH)	840537	840537	80891267
18. Net Electrical Energy Generated (MWH)	802031	802031	76940925
19. Unit Service Factor	100.00	100.00	85.30
20. Unit Availability Factor	100.00	100.00	85.30
21. Unit Capacity Factor (Using MDC Net)	99.17	99.17	81.76
22. Unit Capacity Factor (Using DER Net)	96.34	96.34	79.32
23. Unit Forced Outage Rate	0.00	0.00	4.18

24. Shutdowns Scheduled Over Next 6 Months
    (Type, Date, and Duration of Each): Seventh refueling outage, April 6, 1996, 35 days.
25. If Shut Down At End Of Report Period, Estimate Date of Startup: Not applicable.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-323
UNIT	2
DATE	02/01/96
COMPLETED BY	T. Eubank/D. Malone
TELEPHONE	(805) 545-4867/4859

January	1996	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
		1	1080
		2	1077
		3	1076
		4	1080
		5	1078
		6	1077
		7	1080
		8	1077
		9	1077
		10	1079
		11	1080
		12	1078
		13	1077
		14	1080
		15	1074
		16	1076
		17	1079
		18	1079
		19	1076
		20	1074
		21	1073
		22	1084
		23	1079
		24	1079
		25	1077
		26	1079
		27	1081
		28	1081
		29	1077
		30	1076
		31	1080

The average monthly Electrical Power Level for January 1996 = 1078.00 MWe-Net

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-323
UNIT 2
DATE 02/01/96
COMPLETED BY D. D. Malone
TELEPHONE (805) 545-4859

REPORT MONTH: January 1996

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
Type:
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-Other

4
EIIS Systems List, Table 1

5
IEEE Std. 803A-1983, "IEEE Recommended Practice for Unique Identification in Power Plants and Related Facilities - Table 2"

REFUELING INFORMATION REQUEST

DOCKET NO.	50-323
UNIT	2
DATE	02/01/96
COMPLETED BY	D. Farrer/D. Malone
TELEPHONE	(805) 545-4438/4859

1. Name of facility: Diablo Canyon Unit 2

2. Scheduled date for next refueling shutdown: April 6, 1996

3. Scheduled date for restart following refueling: May 12, 1996

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)? If no such review has taken place, when is it scheduled?

   No. The PSRC reviewed and approved the cycle 7 core reload on November 21, 1994.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures: N/A

7. As of January 31, 1996, the number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool were:

   (a) 193 (b) 484

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

   Present 1324 Increase size by 0

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: 2006 (Loss of full core offload capability).

REFUELING INFORMATION REQUEST

DOCKET NO.	50-275
UNIT	1
DATE	02/01/96
COMPLETED BY	D. Farrer/D. Malone
TELEPHONE	(805) 545-4438/4859

1. Name of facility: Diablo Canyon Unit 1

2. Scheduled date for next refueling shutdown: April 5, 1997

3. Scheduled date for restart following refueling: May 7, 1997

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)? If no such review has taken place, when is it scheduled?

   No. The PSRC reviewed and approved the cycle 8 core reload on December 6, 1995.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures: N/A

7. As of January 31, 1996, the number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool were:

   (a) 193 (b) 548

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

   Present 1324 Increase size by 0

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: 2006 (Loss of full core offload capability).