

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

This report describes the operating and major maintenance experience for the month of December, 1984. This narrative report was prepared by the plant staff and is submitted in accordance with Section 6.9.1.10 of the Plant Technical Specifications.

On December 5, 1984, Unit 1 experienced a reactor trip.

On December 6, 1984, Unit 1 experienced a reactor trip.

On December 15, 1984, Unit 1 experienced a turbine trip.

On December 15, 1984, Diesel Generator 1-2 autostarted due to undervoltage on 4KV Bus G.

On December 5, 1984, a drain line off the main steam line from Steam Generator 1-1 developed a leak that was repaired by replacing a section of the drain line.

On December 12, 1984, turbine power was reduced and the turbine was tripped to permit the scheduled removal of the Feedwater Regulating Valve Volume Boosters.

There is no major safety-related maintenance to report.

On December 15, 1984, Steam Generator Safety Valves RV-7 and RV-9 opened to relieve pressure in SG 1-2.

No challenges to the PORVs have been made.

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

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OPERATING DATA REPORT

DOCKET NO.	50-275
DATE	01/04/85
COMPLETED BY	Bob Kanick
TELEPHONE	(805)595-7351

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 1
2. Reporting Period: December 1984
3. Licensed Thermal Power (Mwt): 3338
4. Nameplate Rating (Gross MWe): 1170
5. Design Electrical Rating (Net MWe): 1084
6. Maximum Dependable Capacity (Gross MWe): 1134
7. Maximum Dependable Capacity (Net MWe): 1084
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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	8784	8784
12. Number Of Hours Reactor Was Critical	713	1421	1421
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	624	814	814
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	781,228	971,222	971,222
17. Gross Electrical Energy Generated (MWH)	221,700	262,600	262,600
18. Net Electrical Energy Generated (MWH)	187,978	204,005*	204,005*
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):			

25. If Shut Down At End Of Report Period, Est. Date of Startup: 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	February 1985	

* Net Electrical Energy Generated - Year-to-Date and Cumulative totals started on the first of November, 1984 (Month Full Power license issued).

** These sections not applicable until commencement of commercial operation.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-275
 UNIT Diablo Canyon Unit 1
 DATE 01/04/85
 COMPLETED BY Bob Kanick
 TELEPHONE (805)595-7351

MONTH December 1984

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	+235	17	+252
2	+235	18	+240
3	+231	19	+240
4	+272	20	+365
5	+76	21	+447
6	-37	22	+455
7	+112	23	+443
8	+219	24	+452
9	+220	25	+494
10	+224	26	+218
11	+228	27	+373
12	-4	28	+440
13	-37	29	+432
14	-37	30	+436
15	-0	31	+427
16	+182		

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 2

DOCKET NO. 50-275
UNIT NAME Diablo Canyon Unit 1
DATE 01/04/85
COMPLETED BY D.P. SK
TELEPHONE (805) 995-7351

REPORT MONTH DECEMBER 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	12-5	F	6	A	N/A	N/A	SB	Pipe	Turbine power was reduced and the turbine was tripped to permit repair to a main steam drain line leak. The leak was repaired by replacing a section of the drain line.
2	12-5	F	14	G	3	84-032	IG	Comp	The reactor tripped when the operator failed to insure that the low power permissive (P-7) had reset before tripping the turbine. The turbine power permissive (P-13) setpoint will be reset using actual plant data during the outage following the 50 percent load rejection test. The event has been reviewed by all Unit 1 operators.

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-Other (Explain)

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 2 OF 2

DOCKET NO. 50-275
UNIT NAME Diablo Canyon Unit 1
DATE 01/04/85
COMPLETED BY D.P. SISK
TELEPHONE (805)595-7351

REPORT MONTH DECEMBER 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	12-6	F	16	H	3	84-033	IG	DET	The reactor tripped when the source range high flux trip setpoint was exceeded before the intermediate range permissive allowed blockage of the trip. The compensating voltage for the intermediate range detectors has been reset.
4	12-12	S	87	B	1	N/A	JB	FCV	Turbine power was reduced and the turbine was tripped to permit scheduled removal of Feedwater Regulating Valve Volume Boosters.

1
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S: Scheduled

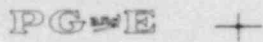
2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
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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



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

R.C. THORNBERRY
PLANT MANAGER

January 7, 1985

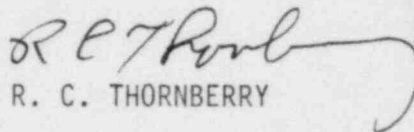
Office of Management Information
and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: Docket No. 50-275
License No. DPR-80
Monthly Operating Report for December, 1984

Gentlemen:

Enclosed are the completed monthly operating report forms for Diablo Canyon Unit 1 for December 1984. This report is submitted in accordance with Section 6.9.1.10 of our Technical Specifications.

Sincerely,


R. C. THORNBERRY

RCT:lah

Enclosures

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

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