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REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8807280073 DOC. DATE: 88/06/30 ^{2/13} NOTARIZED: NO DOCKET #
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
 AUTH. NAME AUTHOR AFFILIATION
 BEDESEM, P. Pacific Gas & Electric Co.
 TOWNSEND, J.D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1988 for Diablo Canyon
Units 1 & 2.W/880713 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9
 TITLE: Monthly Operating Report (per Tech Specs)

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MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

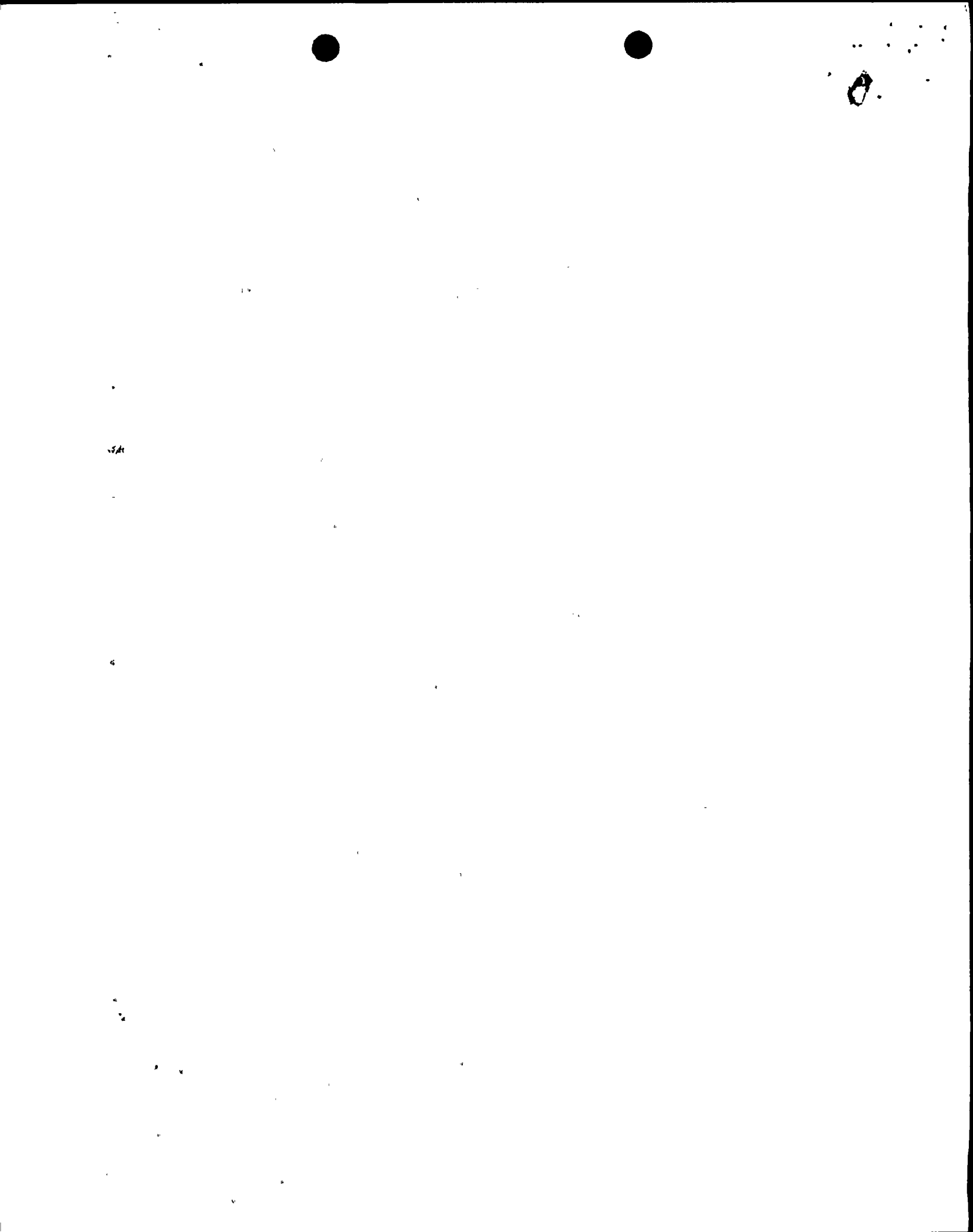
This report describes the operating and major maintenance experience for the month of June, 1988. This narrative report was prepared by the plant staff and is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications.

Narrative of Daily Significant Plant Events

- On June 1, 1988 Unit 1 started the month at 0% power in a refueling outage which began on March 6, 1988. Unit 2 started the month at 100% power.
- On June 4, 1988 Unit 2 decreased power to 50% to backflush condenser waterboxes.
- On June 6, 1988 Unit 2 returned to full power after backflushing condenser waterboxes.
- On June 11, 1988 Unit 2 decreased power to 50% to clean condenser waterboxes.
- On June 12, 1988 Unit 2 returned to full power after cleaning condenser waterboxes.
- On June 23, 1988 Unit 1 entered Mode 4.
- On June 25, 1988 A 10CFR50.72(b)(2)(ii) Non-Emergency 4-hour report was made regarding a Unit 1 Engineered Safety Feature (ESF) actuation. A main steam isolation signal occurred while performing troubleshooting on main streamline D/P bistables.
- Unit 2 decreased power to 50% to clean condenser tubesheets and to dredge tunnels.
- On June 26, 1988 An unusual event was declared on Unit 1 due to residual heat removal (RHR) pump discharge valve SI-1-8818C excessive leakage identified during a leak rate test. Unit 1 entered Mode 5 (Cold Shutdown) to repair the leaking check valve, and the event was reported to the NRC as an Emergency 1-hour report in accordance with 10CFR50.72(2)(i).
- Unit 2 returned to full power after cleaning condenser tubesheets and dredging tunnels.

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On June 29, 1988 Unit 1 entered Mode 4.

On June 30, 1988 A 10CFR50.72(b)(2)(ii) Non-Emergency 4-hour report was made regarding a Unit 2 ESF actuation. Electricians performing maintenance on a breaker for a CCW pump inadvertently pulled fuses that supply portions of the bus potential circuitry. This in turn caused a sensed loss of startup power, and the 2-1 diesel generator to auto start and parallel to the bus.

Unit 2 decreased power to 50% to repair an intake screen.

Unit 1 ended the month at 0% power and Unit 2 ended the month at 50% power.

Summary of Plant Operating Characteristics, Power Reductions and Unit Shutdowns

Unit 1 operated this month with a unit availability factor of 0% and a unit capacity factor of -1.8% due to a refueling outage.

Unit 2 operated this month with a unit availability factor of 100% and a unit capacity factor of 95.4%. Unit 2 decreased power four times this month, once to backflush the condenser, twice to clean the condenser, and once to repair an intake screen.

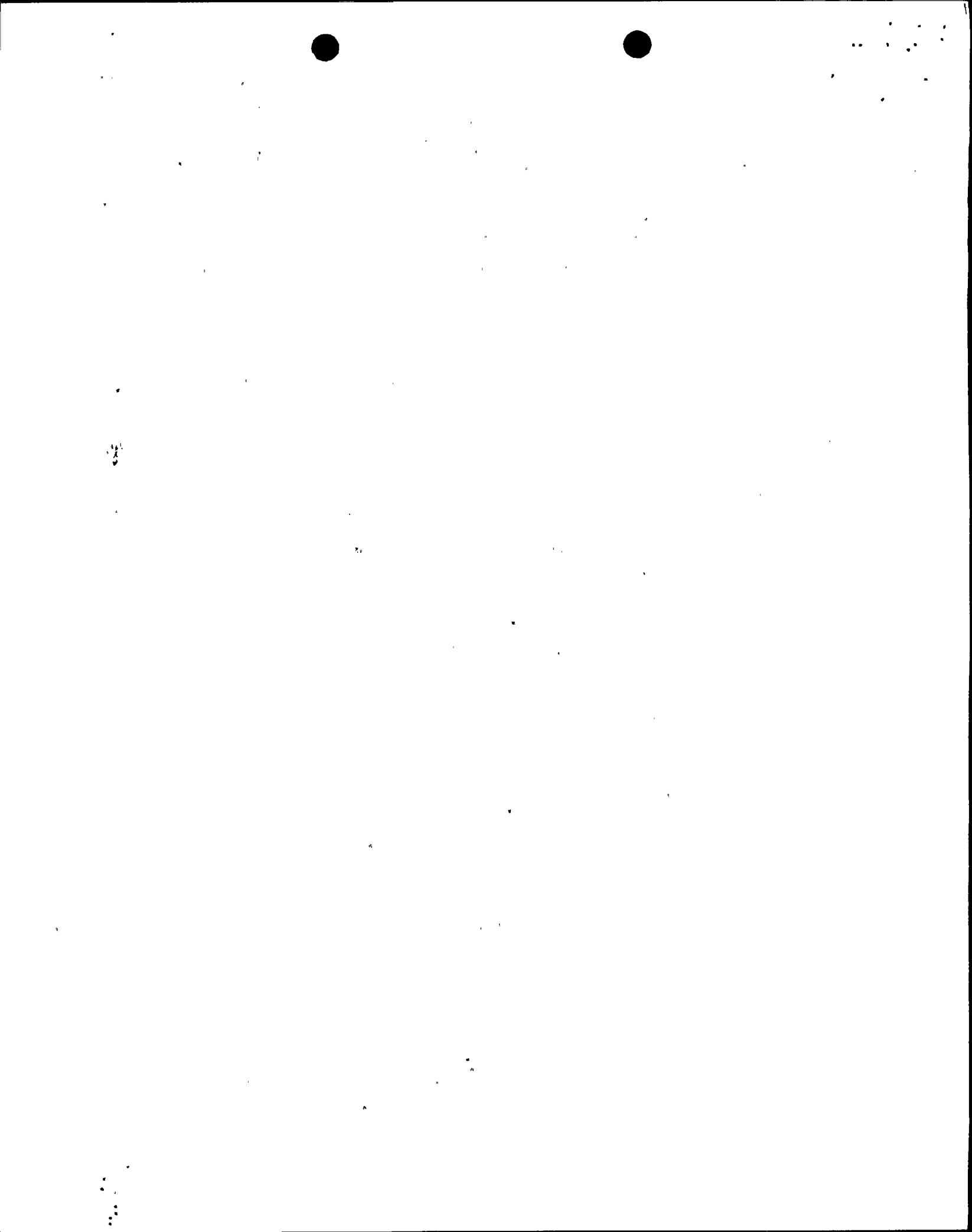
Summary of Significant Safety-Related Maintenance

Significant safety-related maintenance for Unit 1 consisted of repairing check valve SI-1-8818C when it failed while undergoing a surveillance test.

There was no significant safety-related maintenance for Unit 2.

Actuations of Steam Generator Safety Valves or Pressurizer Power Operated Relief Valves

On June 20, 1988, with Unit 1 in Mode 5 (Cold Shutdown) following the second refueling outage, PORV valve PCV-456 mitigated a reactor coolant system (RCS) pressure transient when PCV-135, the letdown pressure control valve, failed to respond to the pressure transient in the letdown line and allowed the pressure to increase.



OPERATING DATA REPORT

DOCKET NO.	50-275
DATE	07/08/88
COMPLETED BY	P. Bedesem
TELEPHONE	(805) 595-4097

OPERATING STATUS

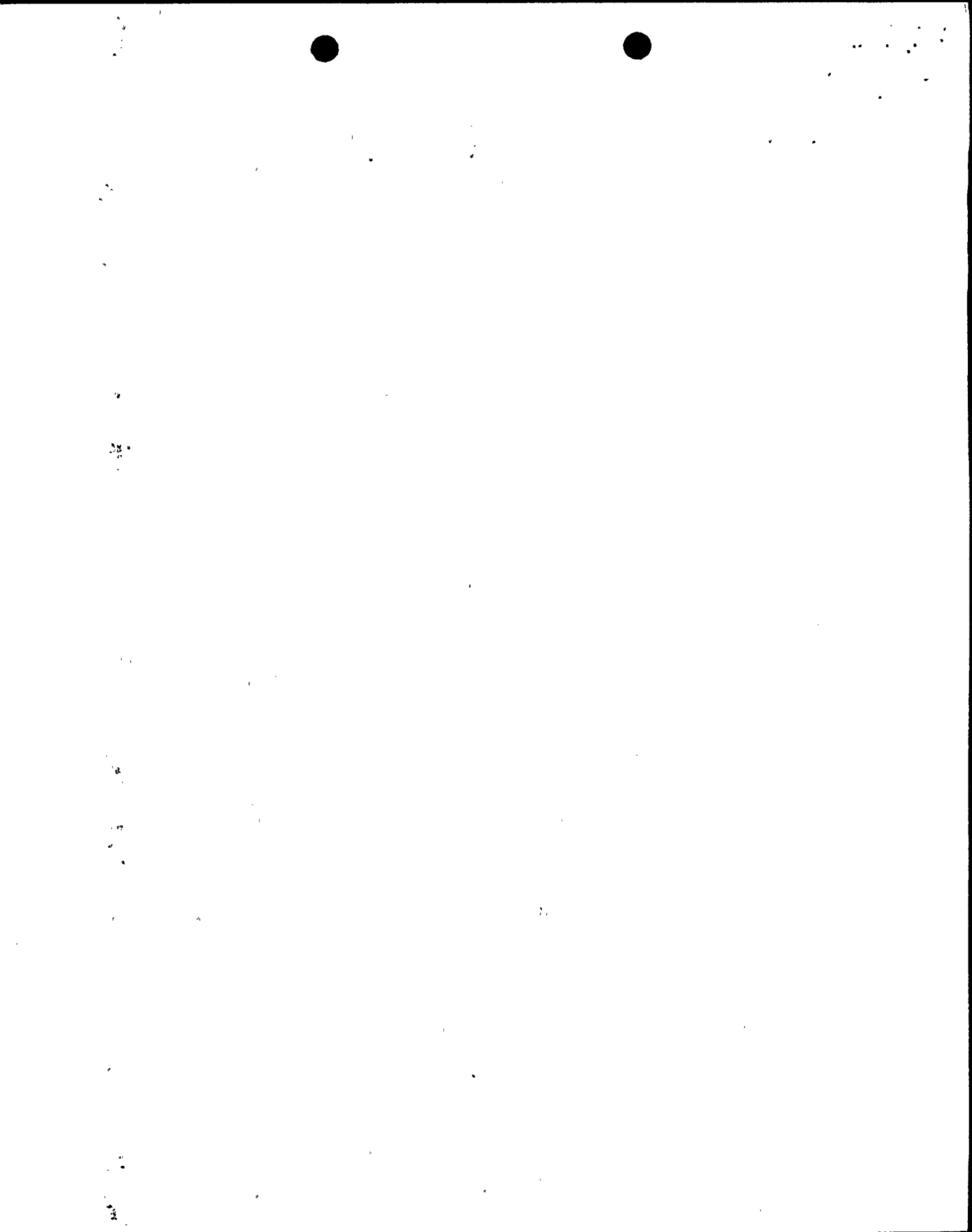
1. Unit Name: Diablo Canyon Unit 1
2. Reporting Period: June 1988
3. Licensed Thermal Power (MWt): 3338
4. Nameplate Rating (Gross MWe): 1137
5. Design Electrical Rating (Net MWe): 1086
6. Maximum Dependable Capacity (Gross MWe): 1124
7. Maximum Dependable Capacity (Net MWe): 1073.4
8. If changes occur in capacity ratings (Items 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: N/A

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	720.0	4367.0	27621.3
12. Number Of Hours Reactor Was Critical	0.0	1531.6	21273.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	1523.3	20831.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated	0.0	4020604	62985064
17. Gross Electrical Energy Generated	0.0	1355000	21205832
18. Net Electrical Energy Generated	-13589	1255622	20067654
19. Unit Service Factor	0.0	34.9	75.4
20. Unit Availability Factor	0.0	34.9	75.4
21. Unit Capacity Factor (Using MDC Net)	-1.8	26.8	67.7
22. Unit Capacity Factor (Using DER Net)	-1.7	26.5	66.9
23. Unit Forced Outage Rate	0.0	3.8	4.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 07/09/88



OPERATING DATA REPORT

DOCKET NO. 50-323
 DATE 07/08/88
 COMPLETED BY P. Bedesem
 TELEPHONE (805) 595-4097

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 2
2. Reporting Period: June 1988
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): 1137
7. Maximum Dependable Capacity (Net MWe): 1087
8. If changes occur in capacity ratings (Items Number 3 through 7) since last report, give reasons:

N/A

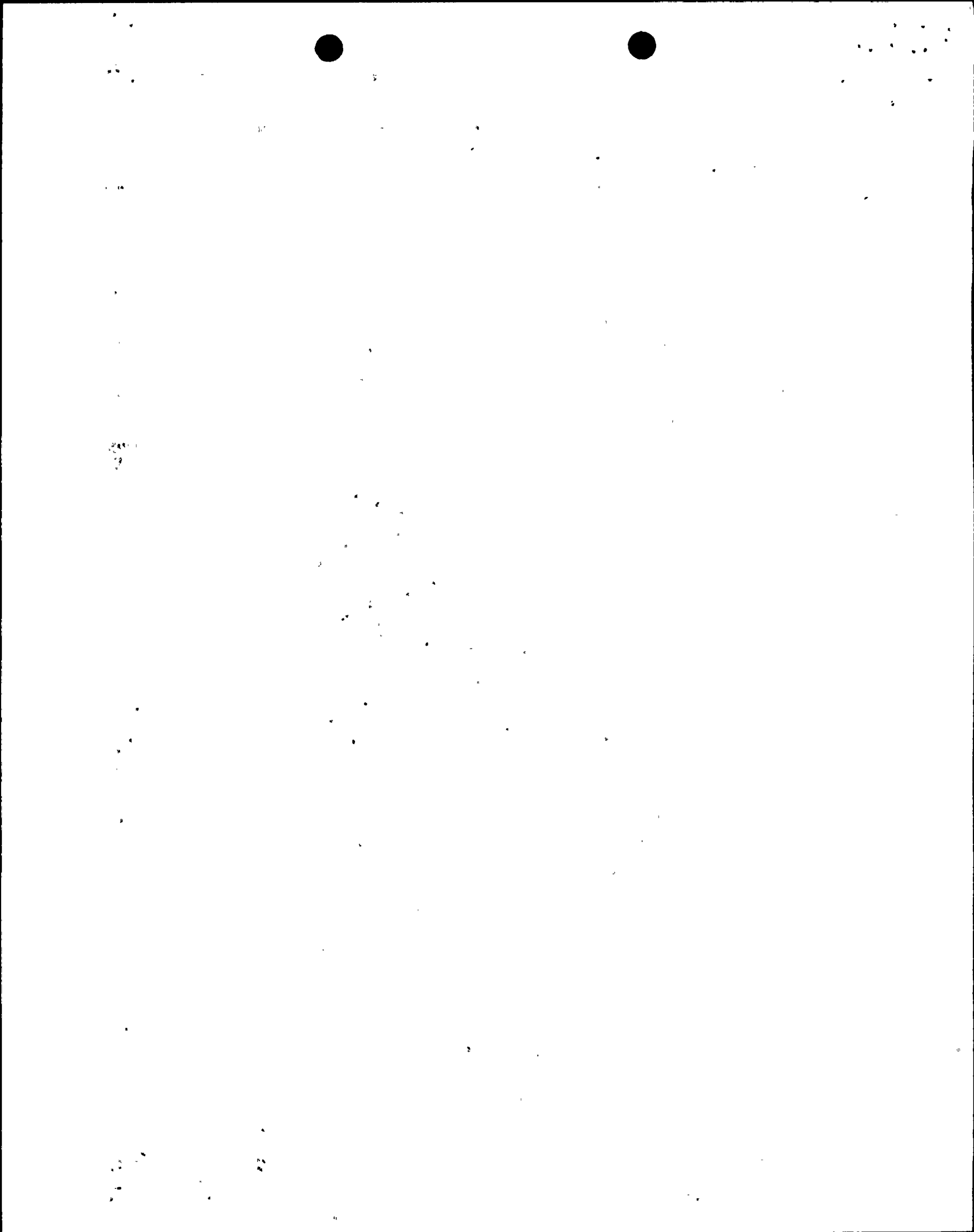
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any:

N/A

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	720.0	4367.0	20180.0
12. Number Of Hours Reactor Was Critical	720.0	4300.2	17215.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4299.6	16784.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated	2357323	14360762	53622747
17. Gross Electrical Energy Generated	785000	4790500	17778199
18. Net Electrical Energy Generated	746698	4557945	16821447
19. Unit Service Factor	100.0	98.5	83.2
20. Unit Availability Factor	100.0	98.5	83.2
21. Unit Capacity Factor (Using MDC Net)	95.4	96.0	77.1
22. Unit Capacity Factor (Using DER Net)	92.7	93.3	74.5
23. Unit Forced Outage Rate	0.0	1.5	5.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

Unit 2 is scheduled to begin a 70 day second refueling outage Sept. 15

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-275
 UNIT 1
 DATE 07/08/88
 COMPLETED BY P. BEDESEM
 TELEPHONE (805)595-4097

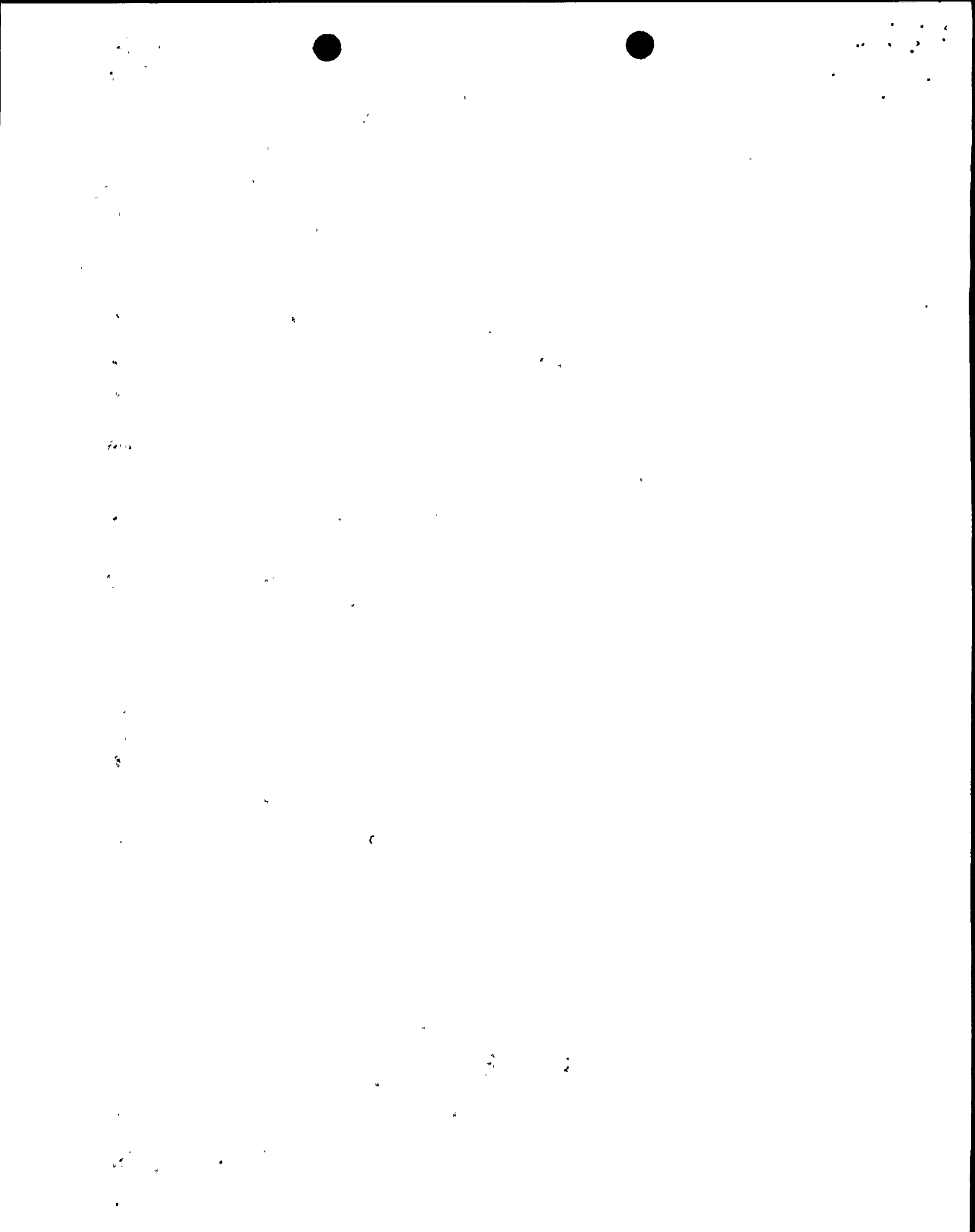
MONTH: JUNE 1988

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	-3	17	-15
2	-3	18	-16
3	-11	19	-22
4	-12	20	-21
5	-12	21	-22
6	-12	22	-23
7	-13	23	-26
8	-12	24	-33
9	-13	25	-33
10	-13	26	-30
11	-15	27	-25
12	-16	28	-28
13	-15	29	-32
14	-17	30	-38
15	-19		
16	-16		

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.

The Average Monthly Electrical Power Level for JUNE 88 = -18.87 MWe-Net



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-323
 UNIT 2
 DATE 07/08/88
 COMPLETED BY P. BEDESEM
 TELEPHONE (805) 595-4097

MONTH: JUNE 1988

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1084	17	1084
2	1089	18	1067
3	1080	19	1084
4	969	20	1084
5	595	21	1075
6	1072	22	1079
7	1079	23	1075
8	1088	24	1075
9	1092	25	958
10	1088	26	804
11	981	27	1076
12	965	28	1087
13	1088	29	1076
14	1088	30	964
15	1088		
16	1083		

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.

The Average Monthly Electrical Power Level for JUNE 88 = 1037.08 MWe-Net

UNIT SHUTDOWNS AND POWER REDCUTIONS

Page 1 of 1

DOCKET NO. 50-275
 UNIT NAME Diablo Canyon Unit 1
 DATE 07/08/88
 COMPLETED BY D.D.MALONE
 TELEPHONE (805)595-4859

REPORT MONTH JUNE 1988

No.	Date	1 Type	Duration (Hours)	2 Reason	Method of 3 Shutdown	Licensee Event Report #	System 4 Code	Component 5 Code	Cause & Corrective Action to Prevent Recurrence
1	06/01/88	S	720	C	4	N/A	N/A	N/A	N/A

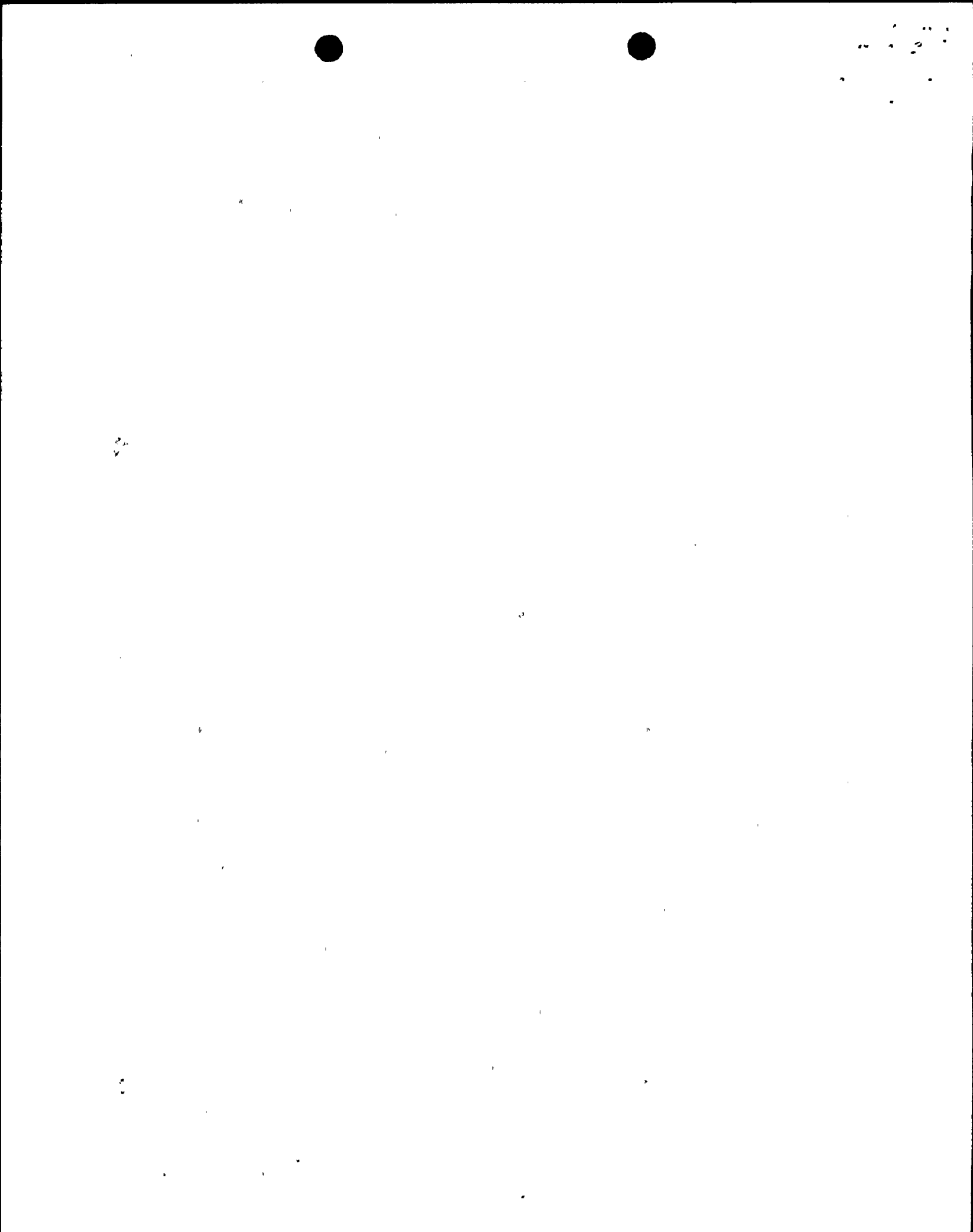
1
 F: Forced
 S: Scheduled

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 07/08/88
 COMPLETED BY D.D. MALONE
 TELEPHONE (805)595-4859

REPORT MONTH JUNE 1988

No.	Date	1 Type	Duration (Hours)	2 Reason	Method of 3 Shutdown	Licensee Event 4 Report #	System Code	Component 5 Code	Cause & Corrective Action to Prevent Recurrence
1	06/04/88	S	0	B	5	N/A	SG	COND	Unit 2 reduced power to 50% to backflush condenser waterboxes.
2	06/11/88	S	0	B	5	N/A	SG	COND	Unit 2 reduced power to 50% to clean condenser waterboxes.
3	06/25/88	S	0	B	5	N/A	SG	COND	Unit 2 reduced power to 50% to clean condenser tubesheets and to dredge tunnels.
4	06/30/88	F	0	A	5	N/A	SG	SCN	Unit 2 reduced power to 50% to repair an intake screen.

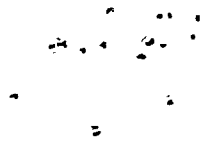
1
F: Forced
S: Scheduled

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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July 13, 1988



U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

RE: Docket No. 50-275 and 50-323
License No. DPR-80 and DPR-82
Monthly Operating Report for June, 1988

Gentlemen:

Enclosed are the completed monthly operating report forms for
Diablo Canyon Units 1 and 2 for June, 1988. This report is
submitted in accordance with Section 6.9.1.7 of the Units 1 and 2
Technical Specifications.

Sincerely,


John D. Townsend
Plant Manager

JDT:fsc

Enclosures

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

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