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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 ~~repts~~ for June 1989 for Diablo Canyon Units 1 & 2.W(890710)ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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MR cc

Pacific Gas and Electric Company

Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424
805/595-7351

July 10, 1989

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, 1989

Gentleman:

Enclosed are the completed monthly operating report forms for Diablo Canyon Units 1 and 2 for June, 1989. 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

DDM:dm

Enclosures

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

IE24
1/1

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

This report describes the operating and major maintenance experience for the month of June, 1989. 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 (TS).

Narrative of Daily Significant Plant Events

On June 1, 1989	Unit 1 started the month at 100% power and Unit 2 started the month at 100% power.
On June 24, 1989	At 2015 PDT, Unit 1 initiated a power reduction to allow the replacement of the pneumatic valve positioner for FW-1-FCV-530.
On June 25, 1989	At 1355 PDT, Unit 1 returned to full power.
On June 30, 1989	Unit 1 ended the month at 100% power and Unit 2 ended the month at 100% power.

Summary of Plant Operating Characteristics, Power Reductions and Unit Shutdowns

Unit 1 operated this month with a unit availability factor of 100.0% and a unit capacity factor of 98.6%. Unit 1 reduced power once this month for replacement of FW-1-FCV-530 valve positioner.

Unit 2 operated this month with a unit availability factor of 100.0% and a unit capacity factor of 100.9%. Unit 2 did not reduce power this month.

Summary of Significant Safety Related Maintenance

- Unit 1 continued a program for replacement of torque switches in the actuators of Limitorque motor operated valves due to a vendor 10 CFR part 21 report received.
- Unit 2 continued a program for replacement of torque switches in the actuators of Limitorque motor operated valves due to a vendor 10 CFR part 21 report received.
- A section of Unit 2 letdown line #402 upstream of valve CVCS-2-8149B was replaced due to a leak which developed from a crack in a weld joint. The adjoining piping and supports were inspected and returned to service. Further investigations into the root cause of the crack are continuing.

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

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

DOCKET NO. 50-275
DATE 07/05/89
COMPLETED BY P. Bedesem
TELEPHONE (805)595-4097

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 1
2. Reporting Period: June 1989
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	4343.0	36381.3
12.	Number Of Hours Reactor Was Critical	720.0	4343.0	29766.7
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	720.0	4343.0	29206.7
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated	2363360	14022741	89561652
17.	Gross Electrical Energy Generated	799600	4721100	30153932
18.	Net Electrical Energy Generated	761883	4491732	28561846
19.	Unit Service Factor	100.0	100.0	80.3
20.	Unit Availability Factor	100.0	100.0	80.3
21.	Unit Capacity Factor (Using MDC Net)	98.6	96.4	73.1
22.	Unit Capacity Factor (Using DER Net)	97.4	95.2	72.3
23.	Unit Forced Outage Rate	0.0	0.0	3.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

The third refueling outage is scheduled to begin October 13, 1989 (84 days)

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

OPERATING DATA REPORT

DOCKET NO. 50-323
DATE 07/05/89
COMPLETED BY P. Bedesem
TELEPHONE (805)595-4097

OPERATING STATUS

1. Unit Name: Diablo Canyon Unit 2
2. Reporting Period: June 1989
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	4343.0	28940.0
12.	Number Of Hours Reactor Was Critical	720.0	4105.6	23212.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	720.0	4087.2	22660.7
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated	2448471	13693932	72748616
17.	Gross Electrical Energy Generated	826900	4635800	24216099
18.	Net Electrical Energy Generated	790022	4424338	22918999
19.	Unit Service Factor	100.0	94.1	78.3
20.	Unit Availability Factor	100.0	94.1	78.3
21.	Unit Capacity Factor (Using MDC Net)	100.9	93.7	73.2
22.	Unit Capacity Factor (Using DER Net)	98.1	91.0	70.8
23.	Unit Forced Outage Rate	0.0	1.9	6.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)
    N/A
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 07/05/89
COMPLETED BY P. Bedesem
TELEPHONE (805)595-4097

MONTH: JUNE 1989

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1076	17	1077
2	1081	18	1044
3	1077	19	1076
4	1027	20	1081
5	1076	21	1077
6	1077	22	1073
7	1077	23	1077
8	1077	24	1022
9	1077	25	681
10	1077	26	1080
11	1035	27	1080
12	1073	28	1085
13	1076	29	1077
14	1077	30	1085
15	1072		
16	1077		

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 May 89 = 1058 MWe-Net

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-323
UNIT 2
DATE 07/05/89
COMPLETED BY P. Bedesem
TELEPHONE (805)595-4097

MONTH: JUNE 1989

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1103	17	1082
2	1103	18	1099
3	1082	19	1103
4	1103	20	1099
5	1103	21	1099
6	1099	22	1103
7	1099	23	1099
8	1099	24	1073
9	1094	25	1090
10	1086	26	1099
11	1104	27	1095
12	1103	28	1095
13	1103	29	1095
14	1103	30	1098
15	1102		
16	1103		

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 May 89 = 1097 MWe-Net

UNIT SHUTDOWNS AND POWER REDUCTIONS
Page 1 of 1

REPORT MONTH JUNE 1989

DOCKET NO. 50-275
UNIT NAME Diablo Canyon Unit 1
DATE 07/05/89
COMPLETED BY D. Malone
TELEPHONE (805) 595-4859

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	6/4/89	S	0	B	5	N/A	SJ	FCV	Unit 1 power reduced to 24% to replace the positioner on valve FW-1-FCV-530.

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
6,7,8-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

REPORT MONTH JUNE 1989

DOCKET NO. 50-323
UNIT NAME Diablo Canyon Unit 2
DATE 07/05/89
COMPLETED BY D. Malone
TELEPHONE (805) 595-4859

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

None.

1	2	3	4
Type:	Reason:	Method:	Exhibit G - Instructions
F-Forced	A-Equipment Failure (Explain)	1-Manual	for Preparation of Data
S-Scheduled	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	

DATE: 07/05/89

REFUELING INFORMATION REQUEST

1. Name of facility: Diablo Canyon Unit 1

2. Scheduled date for next refueling shutdown: October 1989 (estimated)

3. Scheduled date for restart following refueling: January 1990 (estimated)

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. Licence amendment request (LAR) 88-08 was received on May 10,1989. This approved LAR permits the use of Westinghouse "Vantage 5" fuel.

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. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) 193 (b) 144

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:

   Date: 2012 (Loss of fullcore offload capability)

DATE: 07/05/89

REFUELING INFORMATION REQUEST

1. Name of facility: Diablo Canyon Unit 2

2. Scheduled date for next refueling shutdown: February 1990 (estimated)

3. Scheduled date for restart following refueling: May 1990 (estimated)

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. LAR 88-08 was received on May 10, 1989. This approved LAR permits the use of Westinghouse "Vantage 5" fuel.

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. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) 193 (b) 144

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:

   Date: 2012 (Loss of fullcore offload capability)