



*Pacific Gas and
Electric Company*

James R. Becker
Station Director

Diablo Canyon Power Plant
Mail Code 104/5/504
PO Box 56
Avila Beach, CA 93424

805 545 3462
Fax 805 545 4234

August 15, 2002

PG&E Letter DCL-02-094

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Monthly Operating Report for July 2002

Dear Commissioners and Staff:

Attached is the Monthly Operating Report for Diablo Canyon Power Plant, Units 1 and 2, for July 2002. This report is submitted in accordance with Technical Specification 5.6.4 and NRC Generic Letter 97-02.

Also attached is Enclosure 3, which is being submitted to replace Page 2 of Enclosure 2, "Unit Shutdowns" for Unit 1, in the June 2002 Monthly Operating Report, DCL-02-076, dated July 12, 2002. Revision bars and lineouts indicate the changes.

Sincerely,


James R. Becker

Imp/1713/R0235849

Enclosures

cc/enc: Paul R. Fox, American Nuclear Insurers
Robert D. Glynn, Jr.
Barbara Lewis, McGraw Hill
Ellis W. Merschoff, NRC Regional Administrator, Region IV
David L. Proulx, NRC Senior Resident Inspector
Gregory M. Rueger
Girija S. Shukla, NRC Project Manager
INPO Record Center

IE24

**JULY 2002, OPERATION SUMMARIES
DIABLO CANYON POWER PLANT
UNITS 1 AND 2**

Summary of Unit 1 Operation

Unit 1 began July in Mode 1 (Power Operation) at approximately 100 percent power. On July 2, 2002, Operators reduced power to as low as approximately 81 percent due to increasing turbine vibration. After adjusting generator seal temperatures, vibrations decreased. On July 4, 2002, operators returned the unit to approximately 100 percent power. On July 13, 2002, operators reduced power to approximately 15 percent and separated the generator from the grid due to increasing vibrations at the turbine generator current transformers. On July 14, 2002, after installing a "balance shot" on the turbine, operators paralleled the unit to the grid, and increased power to approximately 100 percent.

Summary of Unit 2 Operation

Unit 2 began July in Mode 1 at approximately 100 percent power. There were no significant operational activities.

Actuations of Safety or Pressurizer Power Operated Relief Valves

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

OPERATING DATA REPORT

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 08/01/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-4327

REPORT MONTH: July 2002

1.	Design Electrical Rating (MWe - Net):	1,103
2.	Maximum Dependable Capacity (MWe - Net):	1,087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	744.0	4,371.5	131,791.5
4.	Number of Hours Generator On-Line:	729.8	4,293.2	130,335.5
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	787,822	4,600,124	134,758,213

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 08/01/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-4327

REPORT MONTH: July 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
	020713	F	14.2	A		Increasing vibrations in the turbine generator forced operators to reduce power. The generator was manually taken off line. The reactor remained in Mode 1 at approximately 15 percent power. Therefore, this event is counted for the "duration" off-line but not as a shutdown of the reactor.

1. 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)

2. Method

1-Manual
2-Manual Trip/Scram
3-Automatic Trip/Scram
4-Continuation from Previous Month
5-Other

OPERATING DATA REPORT

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 08/01/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-4327

REPORT MONTH: July 2002

1.	Design Electrical Rating (MWe - Net):	1119
2.	Maximum Dependable Capacity (MWe - Net):	1087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	744.0	5,055.1	127,736.9
4.	Number of Hours Generator On-Line:	744.0	5,050.0	126,274.0
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	814,205	5,403,779	132,809,711

UNIT SHUTDOWNS

DOCKET NO.: 50-323
UNIT NAME: Diablo Canyon Unit 2
DATE: 08/01/2002
COMPLETED BY: L. M. Parker
TELEPHONE: (805) 545-4327

REPORT MONTH: July 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
N/A						There were no shutdowns this month.

1. 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)

2. Method

1-Manual
2-Manual Trip/Scram
3-Automatic Trip/Scram
4-Continuation from Previous Month
5-Other

UNIT SHUTDOWNS

DOCKET NO.: 50-275
UNIT NAME: Diablo Canyon Unit 1
DATE: 07/01/2002
COMPLETED BY: R. L. Russell
TELEPHONE: (805) 545-4327

REPORT MONTH: June 2002

NO.	DATE (YYMMDD)	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON ¹	METHOD OF SHUTTING DOWN ²	CAUSE & CORRECTIVE ACTIONS COMMENTS
<u>2</u>	020603	F	35.8	A	3	A valve positioner air manifold failed resulting in a loss of air to the operator of a main feedwater regulating valve. The valve closed causing an automatic reactor trip on low-low steam generator water level. Refer to NRC Event Number 38961, Licensee Event Report 1-2002-004
2	020605	F	15.7	A	4	<u>Liquid was discovered in the belly of the main generator. The unit was rapidly ramped from 23-15%, then the main generator was tripped. The reactor remained at Mode 1, above 8 % reactor power. Therefore, this event is counted for the "duration" off-line but not as a shutdown of the reactor.</u>

1. 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)

2. Method

- 1-Manual
- 2-Manual Trip/Scram
- 3-Automatic Trip/Scram
- 4-Continuation from Previous Month
- 5-Other