



*Pacific Gas and  
Electric Company*

**James R. Becker**  
Station Director

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

March 15, 2002

805.545.3462  
Fax: 805.545.4234

PG&E Letter DCL-02-026

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

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

Dear Commissioners and Staff:

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

Sincerely,

James R. Becker

rlr/1713/R0228797

Enclosures

cc/enc: Robert D. Glynn, Jr.  
Kurt Larson  
Barbara Lewis  
Ellis W. Merschoff  
David L. Proulx  
Girija S. Shukla  
Gregory M. Rueger  
INPO Record Center

IE24

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

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

Summary of Unit 1 Operation

Unit 1 began February in Mode 1 (Power Operation), at approximately 100 percent power. Both units were curtailed on February 14, 2002, when power was reduced to approximately 58 percent because of entry into T.S. 3.0.3 due to previously identified instrument uncertainties associated with narrow range steam generator (SG) level low-low trip setpoint. On February 16, 2002, following resetting of the SG level low-low trip setpoints, operators returned the unit to approximately 100 percent power.

Summary of Unit 2 Operation

Unit 2 began January in Mode 1 at approximately 100 percent power. On February 9, 2002, operators manually tripped Unit 2 due to loss of feedwater to a SG. On February 12, 2002, following replacing of a failed solenoid valve and fuse, operators returned the unit to approximately 100 percent power.

Both units were curtailed on February 14, 2002, to approximately 58 percent because of entry into T.S. 3.0.3 due to previously identified instrument uncertainties associated with narrow range SG level low-low trip setpoint. After reaching approximately 58 percent power, Unit 2 was further curtailed to below 50 percent until the quadrant power tilt ratio had stabilized below 1.02. On February 16, 2002, following resetting of the SG level low-low trip setpoints, operators returned the unit to approximately 100 percent power.

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: 03/01/2002  
COMPLETED BY: R.L.Russell  
TELEPHONE: (805) 545-4327

REPORT MONTH: February 2002

1.	Design Electrical Rating (MWe - Net):	1103
2.	Maximum Dependable Capacity (MWe - Net):	1087

		This Month	YTD	Cumulative
3.	Number of Hours Reactor Critical:	672.0	1416.0	128836.0
4.	Number of Hours Generator On-Line:	672.0	1416.0	127458.3
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	732629	1566213	131714302

**UNIT SHUTDOWNS**

DOCKET NO.: 50-275  
 UNIT NAME: Diablo Canyon Unit 1  
 DATE: 03/01/2002  
 COMPLETED BY: R.L.Russell  
 TELEPHONE: (805) 545-4327

REPORT MONTH: February 2002

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	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

### OPERATING DATA REPORT

DOCKET NO.: 50-323  
UNIT NAME: Diablo Canyon Unit 2  
DATE: 03/01/2002  
COMPLETED BY: R.L.Russell  
TELEPHONE: (805) 545-4327

REPORT MONTH: February 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:	640.1	1384.1	124065.9
4.	Number of Hours Generator On-Line:	635.0	1379.0	122603.0
5.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWH):	667677	1415906	128821838

**UNIT SHUTDOWNS**

DOCKET NO.: 50-323  
 UNIT NAME: Diablo Canyon Unit 2  
 DATE: 03/01/2002  
 COMPLETED BY: R.L.Russell  
 TELEPHONE: (805) 545-4327

REPORT MONTH: February 2002

NO.	DATE	TYPE F (Forced) S (Scheduled)	DURATION (HOURS)	REASON <sup>1</sup>	METHOD OF SHUTTING DOWN <sup>2</sup>	CAUSE & CORRECTIVE ACTIONS COMMENTS
1	02/09/02	F	37	A	2	The reactor was manually tripped due to the loss of feedwater to one steam generator. A failed solenoid valve and fuse, which controlled the main feedwater regulating valve to steam generator 2-4, were replaced. LER-2-2002-002 will be submitted by 04/10/02.

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