



L-02-015  
February 7, 2002

**Beaver Valley Power Station  
Unit 1 – Docket No. 50-334, License No. DPR-66  
Unit 2 – Docket No. 50-412, License No. NPF-73  
Monthly Operating Report**

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**U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555**

**Gentlemen:**

In accordance with NCR Generic Letter 97-02, "Revised Contents of the Monthly Operating Report," and Unit 1 and 2 Technical Specification 6.9.4, the "Monthly Operating Report" is submitted for Unit 1 and Unit 2 for the month of January 2002.

**Respectfully,**

**Lew W. Myers  
Senior Vice-President – Nuclear**

**DTJ/hkh**

**Enclosures**

**C: NRC Regional Office  
King of Prussia, PA**

JE24

## UNIT SHUTDOWNS

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE February 4, 2002  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: January 2002

No.	Date (D/M/Y)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions  Comments
						NONE.

**(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
- 5 - Other (Explain)

**SUMMARY:**

The Unit operated at a nominal value of 100% output until 1358 hours on 1/31/02 when a load reduction to approximately 70% output was commenced. This was being done in order to permit repair of the "B" Heater Drain Tank Normal Level Control Valve that had failed almost fully closed. An output of approximately 70% was achieved at 1450 hours on 1/31/02. The Unit continued to operate at approximately 70% output for the remainder of the report period.

Following repair of the valve and satisfactorily post-maintenance testing, the Unit commenced to return to full power at 0010 hours on 2/1/02. A nominal output of 100% was achieved at 0500 hours on 2/1/02.

OPERATING DATA REPORT

DOCKET NO.: 50-334  
 UNIT NAME: BVPS UNIT #1  
 REPORT DATE: 02/04/02  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JANUARY 2002  
 1. DESIGN ELECTRICAL RATING (Net MWe): 835  
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 821

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 \* Notes: Rated thermal power at \*  
 \* BVPS-1 was uprated from 2652 Mwt\*  
 \* to 2689 Mwt on 10/20/01. Net \*  
 \* MDC was also uprated from \*  
 \* 810 MWe to 821 MWe. \*  
 \*\*\*\*\*

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	744.0	225768.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	152825.5
4. SERVICE HOURS GENERATOR ON LINE:	744.0	744.0	150365.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	619500.0	619500.0	112285643.0
7. GROSS ELECT. ENERGY GEN. (MWH):	655440.0	655440.0	119922226.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1990211.0	1990211.0	369625016.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	68.1
10. UNIT CAPACITY FACTOR (MDC) (%):	101.4	101.4	63.3
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	16.3

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE February 4, 2002  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: January 2002

No.	Date (D/M/Y)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions  Comments
						NONE.

**(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
- 5 - Other (Explain)

**SUMMARY:**

The Unit operated at a nominal value of 100% output for the entire report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412  
 UNIT NAME: BVPS UNIT #2  
 REPORT DATE: 02/04/02  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JANUARY 2002  
 1. DESIGN ELECTRICAL RATING (Net MWe): 836  
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 831

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 \* Notes: Rated thermal power at \*  
 \* BVPS-2 was uprated from 2652 Mwt\*  
 \* to 2689 Mwt on 10/30/01. Net \*  
 \* MDC was also uprated from \*  
 \* 820 MWe to 831 MWe. \*  
 \*\*\*\*\*

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	744.0	124551.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	102098.5
4. SERVICE HOURS GENERATOR ON LINE:	744.0	744.0	101436.6
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	631804.0	631804.0	79209896.0
7. GROSS ELECT. ENERGY GEN. (MWH):	664069.0	664069.0	83738812.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1997170.0	1997170.0	255404751.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	81.4
10. UNIT CAPACITY FACTOR (MDC) (%):	102.2	102.2	77.0
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	10.4