



Beaver Valley Power Station  
P. O. Box 4  
Shippingport, PA 15077

L-03-001

January 9, 2003

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

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

Gentlemen:

In accordance with NRC 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 December 2002.

Respectfully,

M. B. Bezilla -  
Vice-President

DTJ/cmg

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

IE24

## UNIT SHUTDOWNS

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE January 2, 2003  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: December 2002

No.	Date (Y/M/D)	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.: 50-334  
 UNIT NAME: BVPS UNIT #1  
 REPORT DATE: 01/02/03  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

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

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	8760.0	233784.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	8509.1	160591.5
4. SERVICE HOURS GENERATOR ON LINE:	744.0	8490.1	158112.0
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	625290.0	6989864.0	118656007.0
7. GROSS ELECT. ENERGY GEN. (MWH):	661240.0	7402804.0	126669590.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1997926.0	22636504.0	390271309.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	96.9	69.1
10. UNIT CAPACITY FACTOR (MDC) (%):	102.4	97.2	64.5
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.6	15.7

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE January 2, 2003  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: December 2002

No.	Date (Y/M/D)	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 began the report period operating at a nominal value of 100% output. At 2010 hours on 12/13/02, the Unit began a load reduction to approximately 75% output in order to clean the A1 and A2 waterboxes in the Main Unit Condenser. An output of approximately 75% was achieved at 2219 hours on 12/13/02. Following completion of cleaning the A1 and A2 waterboxes in the Main Unit Condenser, the Unit commenced to return to full power at 2021 hours on 12/15/02. A nominal value of 100% output was achieved at 0100 hours on 12/16/02. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412  
 UNIT NAME: BVPS UNIT #2  
 REPORT DATE: 01/02/03  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

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

\*\*\*\*\*  
 \* Note: 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	8760.0	132567.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	8200.6	109555.1
4. SERVICE HOURS GENERATOR ON LINE:	744.0	8133.9	108826.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	617398.0	6604311.0	85182403.0
7. GROSS ELECT. ENERGY GEN. (MWH):	648158.0	6957302.0	90032045.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1962536.0	21192030.0	274599611.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	92.9	82.1
10. UNIT CAPACITY FACTOR (MDC) (%):	99.9	90.7	77.5
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.2	9.8