



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

L-01-028

March 6, 2001

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 February 2001.

Respectfully,

Lew W. Myers  
Senior Vice-President - Nuclear

DTJ/caj

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

JE24

## UNIT SHUTDOWNS

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE March 2, 2001  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: February 2001

No.	Date	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 0008 hours on 02/23/01 when a load reduction was begun to replace a motor bearing on the "B" Main Feedwater Pump. An output of approximately 62% was achieved at 0246 hours on 02/23/01. Following removal of the "B" Main Feedwater Pump from service, an additional 17% load reduction was begun at 0306 hours on 02/23/01 to investigate the cause of several Turbine load spikes which had been occurring during the month. The additional load reduction was made below the P9 setpoint as a precaution to avoid a Reactor trip should the Turbine trip while troubleshooting was in progress. An output of approximately 45% was achieved at 0350 hours on 02/23/01. Following completion of the investigation and installation of test equipment, the Unit began to increase power from approximately 45% output at 1253 hours on 02/23/01. An output of approximately 58% was achieved at 1405 hours on 02/23/01. The Unit remained at approximately 58% output to complete replacement of a motor bearing on the "B" Main Feedwater Pump. Following completion of "B" Main Feedwater Pump maintenance, the Unit began to return to full power at 1400 hours on 02/25/01. An output of approximately 100% was achieved at 2207 hours on 02/25/01. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-334  
 UNIT NAME: BVPS UNIT #1  
 REPORT DATE: 03/02/01  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: FEBRUARY 2001  
 1. DESIGN ELECTRICAL RATING (Net Mwe): 835  
 2. MAX. DEPENDABLE CAPACITY (Net Mwe): 810

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 \*Notes\*  
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	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	672.0	1416.0	217680.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	672.0	1416.0	146035.9
4. SERVICE HOURS GENERATOR ON LINE:	672.0	1416.0	143628.2
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	532400.0	1140580.0	106815700.0
7. GROSS ELECT. ENERGY GEN. (MWH):	564620.0	1208010.0	114118423.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1705263.0	3655406.0	351962922.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	67.5
10. UNIT CAPACITY FACTOR (MDC) (%):	97.8	99.4	62.5
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	16.9

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE March 2, 2001  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: February 2001

No.	Date	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: 03/02/01  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: FEBRUARY 2001  
 1. DESIGN ELECTRICAL RATING (Net Mwe): 836  
 2. MAX. DEPENDABLE CAPACITY (Net Mwe): 820

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 \*Notes \*  
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	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	672.0	1416.0	116463.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	672.0	1416.0	94058.4
4. SERVICE HOURS GENERATOR ON LINE:	672.0	1416.0	93406.0
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	570116.0	1192949.0	72579388.0
7. GROSS ELECT. ENERGY GEN. (MWH):	597692.0	1250932.0	76758607.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1778926.0	3729641.0	234447703.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	80.2
10. UNIT CAPACITY FACTOR (MDC) (%):	103.5	102.7	75.8
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	11.1