



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

L-00-139

December 7, 2000

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 November 2000.

Respectfully,

Lew W. Myers  
Senior Vice-President - Nuclear

DTJ/slp  
Enclosures  
cc: NRC Regional Office  
King of Prussia, PA

IE24

## UNIT SHUTDOWNS

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE December 4, 2000  
 COMPLETED BY David T. Jones  
 TELEPHONE (412) 393-4962

REPORTING PERIOD: November 2000

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)

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**SUMMARY:**

The Unit operated at a nominal value of 100% output until 1800 hours on 11/29/00 when a power reduction was begun in anticipation of a possible Technical Specification required shutdown due to the inoperability of the Turbine-Driven Auxiliary Feedwater Pump. The pump failure was discovered during quarterly surveillance testing per Technical Specifications, and was caused by a broken bolt from the balance drum assembly internal to the pump. Upon completion of repairs to the pump and satisfactory post-maintenance testing, and with the Unit at approximately 65% output, a return to full power was commenced at 0144 hours on 11/30/00. The Unit achieved a nominal value of 100% output at 0540 hours on 11/30/00, and 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: 12/04/00  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: NOVEMBER 2000  
 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:	720.0	8040.0	215520.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6754.0	143875.9
4. SERVICE HOURS GENERATOR ON LINE:	720.0	6687.0	141468.2
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	595200.0	5268420.0	105060520.0
7. GROSS ELECT. ENERGY GEN. (MWH):	630010.0	5596320.0	112260343.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1900553.0	16997565.0	346336801.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	83.2	67.1
10. UNIT CAPACITY FACTOR (MDC) (%):	102.1	80.9	62.2
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.0	17.1

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE December 4, 2000  
 COMPLETED BY David T. Jones  
 TELEPHONE (412) 393-4962

REPORTING PERIOD: November 2000

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 began the report period operating at approximately 96% output while loop delta-T channel calibration/adjustments continued during startup following completion of the Unit's 8th Refueling Outage in October 2000. As each loop's delta-T channels were calibrated/adjusted, incremental increases in output were performed until a nominal value of 100% output was achieved at 0400 hours on 11/05/00. 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: 12/05/00  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: NOVEMBER 2000  
 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:	720.0	8040.0	114303.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	7276.2	92080.1
4. SERVICE HOURS GENERATOR ON LINE:	720.0	7256.8	91441.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	609962.0	5774118.0	70932708.0
7. GROSS ELECT. ENERGY GEN. (MWH):	640784.0	6089984.0	75027680.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1901991.0	18369764.0	229282198.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	90.3	80.0
10. UNIT CAPACITY FACTOR (MDC) (%):	103.3	87.6	75.4
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	11.2