



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

L-01-048

April 5, 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 March 2001.

Respectfully,

Lew W. Myers  
Senior Vice-President - Nuclear

DTJ/caj

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

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# UNIT SHUTDOWNS

DOCKET NO. 50-334

UNIT NAME BVPS Unit #1

DATE April 3, 2001

COMPLETED BY David T. Jones

TELEPHONE (724) 682-4962

REPORTING PERIOD: March 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)

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## 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: 04/03/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MARCH 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:	744.0	2160.0	218424.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	2160.0	146779.9
4. SERVICE HOURS GENERATOR ON LINE:	744.0	2160.0	144372.2
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	619270.0	1759850.0	107434970.0
7. GROSS ELECT. ENERGY GEN. (MWH):	653900.0	1861910.0	114772323.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1971346.0	5626752.0	353934268.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	67.6
10. UNIT CAPACITY FACTOR (MDC) (%):	102.8	100.6	62.7
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	16.8

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE April 3, 2001  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: March 2001

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
1	010317	F	57.4	A	3	The Unit experienced an automatic reactor trip due to loss of the "A" Condensate Pump. This was caused when one of the power leads to the "A" Condensate Pump motor failed causing the motor to trip on electrical protection. The power leads to the motor were repaired and the Unit was returned to service on 03/20/01.

**(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 2112 hours on 03/17/01 when an automatic reactor trip occurred due to loss of the "A" Condensate Pump. This was caused when one of the power leads to the "A" Condensate Pump motor failed causing the motor to trip on electrical protection. The Unit remained in Mode 3 while repairs to the "A" Condensate Pump motor continued. Upon completion of repairs to the "A" Condensate Pump motor, the Unit began to start up and entered Mode 2 at 2025 hours on 03/19/01. The Reactor was taken critical at 2106 hours on 03/19/01. Mode 1 was entered at 0225 hours and the Unit was synchronized to the electrical grid at 0639 hours on 03/20/01. The Unit began to increase power and achieved an output of approximately 28% at 1020 hours on 03/20/01. The Unit remained at approximately 28% output due to Steam Generator chemistry limitations. Once Steam Generator chemistry limits were met, the Unit began to increase power again at 1620 hours on 03/20/01. The power increase was stopped at approximately 55% output at 1900 hours on 03/20/01 because of a packing leak on the "A" Heater Drain Pump. The Unit began to reduce power from approximately 55% output at 2000 hours on 03/20/01. An output of approximately 43% was achieved at 2116 hours on 03/20/01 to enable removal of the "A" Heater Drain Pump from service for repairs. Following successful repair of the "A" Heater Drain Pump, the Unit commenced to return to full power at 1607 hours on 03/22/01. An output of approximately 100% was achieved at 2400 hours on 03/22/01. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

# OPERATING DATA REPORT

DOCKET NO.: 50-412  
UNIT NAME: BVPS UNIT #2  
REPORT DATE: 04/03/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MARCH 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:	744.0	2160.0	117207.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	696.1	2112.1	94754.5
4. SERVICE HOURS GENERATOR ON LINE:	686.6	2102.6	94092.6
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	547566.0	1740515.0	73126954.0
7. GROSS ELECT. ENERGY GEN. (MWH):	576791.0	1827723.0	77335398.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1724097.0	5453738.0	236171800.0
9. UNIT AVAILABILITY FACTOR (%):	92.3	97.3	80.3
10. UNIT CAPACITY FACTOR (MDC) (%):	89.8	98.3	75.8
11. UNIT FORCED OUTAGE RATE (%):	7.7	2.7	11.1