



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

L-01-017

February 7, 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 January 2001.

Respectfully,

Lew W. Myers  
Senior Vice-President - Nuclear

DTJ/caj

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

IE24

## UNIT SHUTDOWNS

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

REPORTING PERIOD: January 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 2100 hours on 01/05/01 when a planned 10% power reduction was begun to remove the "B" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 2000 hours on 01/05/01. Following removal of the "B" Condenser waterbox for cleaning, the Unit began to return to full power at 0430 hours on 01/06/01. However, in order to maintain Main Unit condenser hotwell conditions within operating limits with the "B" Condenser waterbox isolated for cleaning, the increase in power was halted at approximately 99% output at 0900 hours on 01/06/01. The Unit was returned to a nominal value of 100% output at 2400 hours on 01/07/01 following return of the "B" Condenser waterbox to service and improved Condenser hotwell conditions.

The Unit continued to operate at a nominal value of 100% output until 2001 hours on 01/12/01 when a planned 10% power reduction was begun to remove the "A" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 2054 hours on 01/12/01. Following removal of the "A" Condenser waterbox for cleaning, the Unit began to return to full power at 0015 hours on 01/13/01 with a nominal value of 100% output being achieved at 0300 hours on 01/13/01.

The Unit continued to operate at a nominal value of 100% output until 2003 hours on 01/19/01 when a planned 10% power reduction was begun to remove the "C" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 2100 hours on 01/19/01. Following removal of the "C" Condenser waterbox for cleaning, the Unit began to return to full power at 2400 hours on 01/19/01 with a nominal value of 100% output being achieved at 0212 hours on 01/20/01.

## UNIT SHUTDOWNS

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

REPORTING PERIOD: January 2001

### SUMMARY (continued):

The Unit continued to operate at a nominal value of 100% output until 2000 hours on 01/26/01 when a planned 10% power reduction was begun to remove the "D" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 2100 hours on 01/26/01. As a precautionary measure in order to maintain proper condensate flow with the "D" Condenser waterbox removed from service, the Unit remained at approximately 90% output. Following return of the "D" Condenser waterbox to service, the Unit began to return to full power at 0410 hours on 01/29/01 with a nominal value of 100% output being achieved at 0515 hours on 01/29/01.

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: 02/02/01  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JANUARY 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	744.0	217008.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	145363.9
4. SERVICE HOURS GENERATOR ON LINE:	744.0	744.0	142956.2
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	608180.0	608180.0	106283300.0
7. GROSS ELECT. ENERGY GEN. (MWH):	643390.0	643390.0	113553803.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1950143.0	1950143.0	350257659.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	67.4
10. UNIT CAPACITY FACTOR (MDC) (%):	100.9	100.9	62.4
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	17.0

## UNIT SHUTDOWNS

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

REPORTING PERIOD: January 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 0100 hours on 01/24/01 when a planned 10% power reduction was begun to remove the "D" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 0200 hours on 01/24/01. As a precautionary measure in order to maintain proper condensate flow with the "D" Condenser waterbox removed from service, the Unit remained at approximately 90% output. Following return of the "D" Condenser waterbox to service, the Unit began to return to full power at 1256 hours on 01/25/01 with a nominal value of 100% output being achieved at 1352 hours on 01/25/01.

The Unit continued to operate at a nominal value of 100% output until 0100 hours on 01/30/01 when a planned 10% power reduction was begun to remove the "C" Main Unit Condenser waterbox for cleaning. An output of approximately 90% was achieved at 0200 hours on 01/30/01. As a precautionary measure in order to maintain proper condensate flow with the "C" Condenser waterbox removed from service, the Unit remained at approximately 90% output. Following return of the "C" Condenser waterbox to service, the Unit began to return to full power at 1230 hours on 01/31/01 with a nominal value of 100% output being achieved at 1400 hours on 01/31/01.

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: 02/02/01  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JANUARY 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	744.0	115791.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	93386.4
4. SERVICE HOURS GENERATOR ON LINE:	744.0	744.0	92734.0
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	622833.0	622833.0	72009272.0
7. GROSS ELECT. ENERGY GEN. (MWH):	653240.0	653240.0	76160915.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1950715.0	1950715.0	232668777.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	80.1
10. UNIT CAPACITY FACTOR (MDC) (%):	102.1	102.1	75.6
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	11.2