



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<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason<br>(1) | Method of<br>Shutting<br>Down (2) | Cause / Corrective Actions<br><br>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.   | 50-334           |
| UNIT NAME    | BVPS Unit #1     |
| DATE         | February 2, 2001 |
| COMPLETED BY | David T. Jones   |
| TELEPHONE    | (724) 682-4962   |

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<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason<br>(1) | Method of<br>Shutting<br>Down (2) | Cause / Corrective Actions<br><br>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        |