



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

L-01-093

July 9, 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 June 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 July 3, 2001  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: June 2001

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
2	010622	F	80.3	A	2	The Reactor was manually tripped due to degraded station instrument air pressure which caused the closing of two valves that supply cooling water to the Reactor Coolant Pumps (RCPs). The cause for the degraded station instrument air pressure was attributed to failure of a valve in the system (broken spring) and failure of the backup Station Instrument Air Compressor to start, which allowed the system to depressurize.

## (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 0931 hours on 6/22/01 when the Reactor was manually tripped due to degraded station instrument air pressure which caused the closing of two valves that supply cooling water to the Reactor Coolant Pumps (RCPs). The Unit was stabilized in Mode 3. Upon resolution of the station instrument air system pressure, the Unit began to startup and entered Mode 2 at 2032 hours on 6/24/01. The Reactor was taken critical at 2117 hours and Mode 1 was entered at 2206 hours on 6/24/01. Startup was delayed at 0136 hours on 6/25/01 because of the inability to develop sufficient electrohydraulic pressure following Turbine latching. Following calibration and installation of a new servo card for Governor Valve #4, startup was resumed at 1415 hours on 6/25/01. The Unit was synchronized to the electrical grid at 1751 hours on 6/25/01. A nominal output to 100% was achieved at 0700 on 6/26/01. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

In addition, as required by Technical Specification 6.9.4, challenges to the Pressurizer Power Operated Relief Valves (PORVs) shall be reported in the "Monthly Operating Report." Following the manual Reactor trip and securing of all three RCPs on 6/22/01, PORV [PCV-1RC-455C] lifted twice at 0945 hours for 11 seconds and at 0948 hours for 12 seconds to correct a "Pressurizer Control High Pressure Deviation" condition while natural circulation was developing. At all times, Pressurizer pressure was well within its allowable limits, and returned to setpoint value with no additional PORV actuations.

# OPERATING DATA REPORT

DOCKET NO.: 50-334  
UNIT NAME: BVPS UNIT #1  
REPORT DATE: 07/03/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JUNE 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:	720.0	4343.0	220607.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	660.2	4065.1	148685.0
4. SERVICE HOURS GENERATOR ON LINE:	639.7	4040.3	146252.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	519151.0	3292168.0	108967288.0
7. GROSS ELECT. ENERGY GEN. (MWH):	552181.0	3487258.0	116397671.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1684700.0	10569710.0	358877226.5
9. UNIT AVAILABILITY FACTOR (%):	88.8	93.0	67.8
10. UNIT CAPACITY FACTOR (MDC) (%):	89.0	93.6	62.9
11. UNIT FORCED OUTAGE RATE (%):	11.2	1.9	16.7

# UNIT SHUTDOWNS

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

REPORTING PERIOD: June 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 0200 hours on 6/10/01 when a reduction to approximately 90% output was commenced to load follow per the system load dispatchers request. An output of approximately 90% was achieved at 0300 hours on 6/10/01. At 0740 hours on 6/11/01, the Unit commenced to return to full power. A nominal value of 100% output was achieved at 0850 hours on 6/11/01. The Unit continued to operate at a nominal value of 100% output until 1602 hours on 6/30/01 when a reduction to approximately 95% output was commenced to load follow per the system load dispatchers request. An output of approximately 95% was achieved at 1627 hours on 6/30/01. The Unit continued to load follow at approximately 95% output for the remainder of the report period, and commenced to return to full power at 0500 hours on 7/2/01. A nominal value of 100% output was achieved at 0545 hours on 7/2/01.

# OPERATING DATA REPORT

DOCKET NO.: 50-412  
UNIT NAME: BVPS UNIT #2  
REPORT DATE: 07/03/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JUNE 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:	720.0	4343.0	119390.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	4295.1	96937.5
4. SERVICE HOURS GENERATOR ON LINE:	720.0	4285.6	96275.6
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	602311.0	3513995.0	74900434.0
7. GROSS ELECT. ENERGY GEN. (MWH):	633804.0	3695629.0	79203304.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1904103.0	11050857.0	241768919.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	98.7	80.6
10. UNIT CAPACITY FACTOR (MDC) (%):	102.0	98.7	76.3
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.3	10.9