

L-01-127

October 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 September 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 October 2, 2001  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: September 2001

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
3	010901	S	720.0	C	1	The Unit was shutdown for its scheduled 14 <sup>th</sup> refueling outage.

(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 was shutdown the entire month of September 2001 for its scheduled 14<sup>th</sup> refueling outage. The Unit was taken offline at 0000 hours on 9/1/01. Mode 2 was entered at 0043 hours, Mode 3 was entered at 0055 hours, Mode 4 was entered at 0417 hours, and Mode 5 (cold shutdown) was entered at 0646 hours on 9/1/01. Mode 6 (refueling) was entered at 0903 hours on 9/6/01. Following core re-load and installation of the reactor vessel head, Mode 5 was re-entered at 1615 hours on 9/25/01. The Unit remained in Mode 5 for the remainder of the report period while the 14<sup>th</sup> refueling outage continued.

# OPERATING DATA REPORT

DOCKET NO.: 50-334  
UNIT NAME: BVPS UNIT #1  
REPORT DATE: 10/02/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 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	6551.0	222815.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	0.0	5553.1	150173.0
4. SERVICE HOURS GENERATOR ON LINE:	0.0	5528.3	147740.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	0.0	4490098.0	110165218.0
7. GROSS ELECT. ENERGY GEN. (MWH):	0.0	4757338.0	117667751.0
8. GROSS THERMAL ENERGY GEN. (MWH):	0.0	14457753.0	362765269.5
9. UNIT AVAILABILITY FACTOR (%):	0.0	84.4	67.8
10. UNIT CAPACITY FACTOR (MDC) (%):	0.0	84.6	63.0
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.4	16.5

# UNIT SHUTDOWNS

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

REPORTING PERIOD: September 2001

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				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 1218 hours on 9/11/01, when output was reduced by approximately 1% due to Loop II Delta-T signal spikes above the Overpressure/Delta-T setpoint. Output was reduced to provide extra margin as a conservative measure in order to prevent a possible turbine runback until it could be verified that additional spiking would not occur. Once it was confirmed that additional spiking would not occur, the Unit was returned to a nominal value of 100% output at 2108 hours on 9/11/01. 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: 10/02/01  
COMPLETED BY: DAVID T. JONES  
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 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	6551.0	121598.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6503.1	99145.5
4. SERVICE HOURS GENERATOR ON LINE:	720.0	6493.6	98483.6
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	595099.0	5327624.0	76714063.0
7. GROSS ELECT. ENERGY GEN. (MWH):	626816.0	5606153.0	81113828.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1873344.0	16790703.0	247508765.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	99.1	81.0
10. UNIT CAPACITY FACTOR (MDC) (%):	100.8	99.2	76.7
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.9	10.7