

# FENOC

FirstEnergy Nuclear Operating Company

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

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L-00-030

March 6, 2000

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 February 2000.

Respectfully,



K. L. Ostrowski  
Plant General Manager

DTJ/slp

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 March 2, 2000  
 COMPLETED BY David T. Jones  
 TELEPHONE (412) 393-4962

REPORTING PERIOD: February 2000

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
1	000215	S	349.9	C	1	The Unit was shutdown for its planned 13 <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 began the report period operating at a nominal value of 100% output. The Unit continued to operate at a nominal value of 100% output until 2/2/00 when a coastdown was commenced due to end-of-cycle fuel limitations. The Unit continued to coastdown achieving approximately 90% output on 2/13/00. At 1300 hours on 2/13/00, the Unit began to reduce power to below 50% output to support planned Main Steam Safety Valve Testing. An output of approximately 46% was achieved at 0248 hours on 2/14/00. Upon completion of Main Steam Safety Valve Testing, the Unit commenced to shutdown for its planned 13<sup>th</sup> refueling outage, and was taken offline at 1003 hours on 2/15/00. Mode 2 was entered at 1210 hours, Mode 3 was entered at 1227 hours and Mode 4 was entered at 1929 hours on 2/15/00 as the Unit continued to cool down to cold shutdown (Mode 5). The Unit entered Mode 5 at 0306 hours on 2/16/00 and remained in Mode 5 until 2213 hours on 2/29/00 when Mode 6 was entered, as the planned 13<sup>th</sup> refueling outage continued.

OPERATING DATA REPORT

DOCKET NO.: 50-334  
 UNIT NAME: BVPS UNIT #1  
 REPORT DATE: 03/02/00  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: FEBRUARY 2000  
 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:	696.0	1440.0	208920.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	348.5	1092.5	138214.4
4. SERVICE HOURS GENERATOR ON LINE:	346.1	1090.1	135871.3
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	252275.0	867575.0	100659675.0
7. GROSS ELECT. ENERGY GEN. (MWH):	270345.0	920295.0	107584318.0
8. GROSS THERMAL ENERGY GEN. (MWH):	746198.0	2714384.0	332053620.5
9. UNIT AVAILABILITY FACTOR (%):	49.7	75.7	66.5
10. UNIT CAPACITY FACTOR (MDC) (%):	44.7	74.4	61.5
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	17.7

## UNIT SHUTDOWNS

DOCKET NO. 50-412  
 UNIT NAME BVPS Unit #2  
 DATE March 2, 2000  
 COMPLETED BY David T. Jones  
 TELEPHONE (412) 393-4962

REPORTING PERIOD: February 2000

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 began the report period operating at a nominal value of 100% output. The Unit continued to operate at a nominal value of 100% output until 2000 hours on 2/25/00, when a load reduction to approximately 50% output was commenced to load follow. While at approximately 59% output during the power reduction, the "A" Heater Drain Pump was required to be shutdown due to failure of its motor upper thrust bearing. The Unit continued to reduce output below 50% power to support optimal operation of the Heater Drain System with only one Heat Drain Pump in service. An output of approximately 41 % was achieved at 0105 hours on 2/26/00. The Unit remained at approximately 41% output for the remainder of the report period while repair of the "A" Heater Drain Pump motor continued.

OPERATING DATA REPORT

DOCKET NO.: 50-412  
 UNIT NAME: BVPS UNIT #2  
 REPORT DATE: 03/02/00  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: FEBRUARY 2000  
 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:	696.0	1440.0	107703.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	696.0	1440.0	86243.9
4. SERVICE HOURS GENERATOR ON LINE:	696.0	1440.0	85625.1
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	532368.0	1137945.0	66296535.0
7. GROSS ELECT. ENERGY GEN. (MWH):	561715.0	1199174.0	70136870.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1687487.0	3586540.0	214498974.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	79.5
10. UNIT CAPACITY FACTOR (MDC) (%):	93.3	96.4	74.8
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	11.8