

# FENOC

FirstEnergy Nuclear Operating Company

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

L-04-014

February 6, 2004

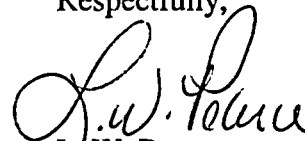
Beaver Valley Power Station  
Unit 1 - Docket No. 50-334, License No. DPR-66  
Unit 2 - Docket No. 50-412, License No. NPF-73  
Monthly Operating Report

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, 2004. This information has also been inputted into the INPO Consolidated Data Entry (CDE) System. No regulatory commitments are contained in this submittal.

Respectfully,



L. W. Pearce  
Vice-President BVPS

DTJ/cmg

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

JE04

## OPERATING DATA REPORT

<b>DOCKET NO.</b>	<u>50-334</u>
<b>UNIT NAME</b>	<u>Beaver Valley 1</u>
<b>DATE</b>	<u>February 02, 2004</u>
<b>COMPLETED BY</b>	<u>David T. Jones</u>
<b>TELEPHONE</b>	<u>(724) 682-4962</u>

**REPORTING PERIOD:** January 2004

1. Design Electrical Rating	<u>835.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>821.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>744.00</u>	<u>168,771.27</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>744.00</u>	<u>166,241.82</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>622,990.00</u>	<u>622,990.00</u>	<u>125,264,362.0</u>

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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NONE.

- |  |   |
|--|---|
| <b>1 Reason:</b><br><b>A</b> Equipment Failure (Explain)<br><b>B</b> Maintenance or Test<br><b>C</b> Refueling<br><b>D</b> Regulatory Restriction<br><b>E</b> Operator Training & License Examination<br><b>F</b> Administration<br><b>G</b> Operational Error (Explain)<br><b>H</b> Other (Explain) | <b>2 Method:</b><br><b>1</b> Manual<br><b>2</b> Manual Trip/Scram<br><b>3</b> Automatic Trip/Scram<br><b>4</b> Continuation<br><b>5</b> Other (Explain) |
|--|---|

**SUMMARY:** The Unit began the report period operating at a nominal value of 100% output. On 1/10/04 at 0127 hours, the Unit began a Technical Specification required shutdown due to an inoperable Solid State Protection System (SSPS) relay associated with the train "B" safety injection and feedwater isolation circuits. Upon replacement of the relay and return of the train "B" SSPS to operable status, the plant shutdown to Mode 3 was discontinued at approximately 70% output at 0255 hours on 1/10/04. The Unit continued to operate at approximately 70% output while additional troubleshooting and testing of the SSPS continued. At 1600 hours on 1/10/04, the Unit commenced to return to full power. A nominal value of 100% output was achieved at 1930 hours on 1/10/04. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

## OPERATING DATA REPORT

<b>DOCKET NO.</b>	50-412
<b>UNIT NAME</b>	Beaver Valley 2
<b>DATE</b>	February 02, 2004
<b>COMPLETED BY</b>	David T. Jones
<b>TELEPHONE</b>	(724) 682-4962

**REPORTING PERIOD:** January 2004

1. Design Electrical Rating	<u>836.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>831.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>744.00</u>	<u>118,352.48</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>744.00</u>	<u>117,608.38</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>628,667.00</u>	<u>628,667.00</u>	<u>92,448,065.00</u>

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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NONE.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- 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. On 1/18/04 at 1230 hours, the Unit reduced output by approximately 2% as a conservative measure while a control card was replaced in the #2 Turbine Governor Valve in order to repair a position indication problem. The Unit was subsequently returned to full power at 1600 hours on 1/18/04.

The Unit continued to operate at a nominal value of 100% output until 0035 hours on 1/24/04 when a 4% load reduction was commenced in order to support a planned calibration of Loop 2 and Loop 3 Delta-T/Tavg. Output was reduced to approximately 96% at 0100 hours on 1/24/04 in order to gain extra margin as a conservative measure in order to prevent a possible Turbine runback or plant trip during the calibration of Loop 2 and Loop 3 with Loop 1 experiencing fluctuations high. Following completion of the calibration, the Unit commenced to return to full power at 1210 hours on 1/24/04. A nominal value of 100% output was achieved at 1313 hours on 1/24/04. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.