

FENOC

FirstEnergy Nuclear Operating Company

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

L-04-111

August 6, 2004

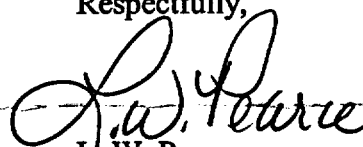
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 July, 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

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OPERATING DATA REPORT

DOCKET NO. 50-334
UNIT NAME Beaver Valley 1
DATE August 02, 2004
COMPLETED BY David T. Jones
TELEPHONE (724) 682-4962

REPORTING PERIOD: July 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>5,111.00</u>	<u>173,138.27</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>5,111.00</u>	<u>170,608.82</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>617,100.00</u>	<u>4,243,760.00</u>	<u>128,885,132.0</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.

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 operated at a nominal value of 100% output for the entire month of July 2004.

OPERATING DATA REPORT

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

REPORTING PERIOD: July 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>5,111.00</u>	<u>122,719.48</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>5,111.00</u>	<u>121,975.38</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>603,672.00</u>	<u>4,241,945.00</u>	<u>96,061,343.00</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 7/4/04 at 1352 hours with unusually warm atmospheric conditions present combined with limiting Condenser vacuum conditions, the Unit began to incrementally reduce output to approximately 97% as a conservative measure in order to prevent challenging Turbine trip setpoints. As Condenser vacuum conditions improved and margin to the Turbine trip setpoints increased, the Unit incrementally raised output back to a nominal value of 100% at 2130 hours on 7/4/04. On 7/9/04 at 2000 hours, the Unit began a planned reduction to approximately 75% output in order to search for a possible tube leak in the Main Unit Condenser. The secondary side sodium concentration had been indicating a possible Condenser tube leak since May 2004. An output of approximately 75% was achieved at 2223 hours on 7/9/04. Following successful repair of two tube leaks located in the "A" Waterbox of the Main Unit Condenser, the Unit commenced to return to full power at 1930 hours on 7/11/04. A nominal value of 100% output was achieved at 2352 hours on 7/11/04. On 7/13/04 at 1820 hours with unusually warm atmospheric conditions present combined with limiting Condenser vacuum conditions, the Unit began to incrementally reduce output to approximately 98% as a conservative measure in order to prevent challenging Turbine trip setpoints. As Condenser vacuum conditions improved and margin to the Turbine trip setpoints increased, the Unit incrementally raised output back to a nominal value of 100% at 2212 hours on 7/13/04. The Unit continued to operate at a nominal value of 100% output for the remainder of the month.