FENOC

FirstEnergy Nuclear Operating Company

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

L-05-088

May 6, 2005

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 April, 2005. 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/cjg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

IE24

OPERATING DATA REPORT

DOCKET NO.	50-334
UNIT NAME	Beaver Valley 1
DATE	May 02, 2005
COMPLETED BY	David T. Jones
TELEPHONE	724-682-4962

REPORTING PERIOD: April 2005

1. Design Electrical Rating	835.00	
2. Maximum Dependable Capacity (MWe-Net)	821.00	

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	719.00	2,879.00	179,042.14
4. Number of Hours Generator On-line	719.00	2,879.00	176,496.14
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	602,760.00	2,424,920.00	133,744,839.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

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 report period.

OPERATING DATA REPORT

DOCKET NO.	50-412
UNIT NAME	Beaver Valley 2
DATE	May 02, 2005
COMPLETED BY	David T. Jones
TELEPHONE	724-682-4962

REPORTING PERIOD: April 2005

1. Design Electrical Rating	836.00	
2. Maximum Dependable Capacity (MWe-Net)	831.00	

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	142.75	2,302.75	128,695.23
4. Number of Hours Generator On-line	128.17	2,288.17	127,936.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	66,152.00	1,788,941.00	100,923,171.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
1	04/04/2005	S	590.83	C	1	The Unit was shutdown for its planned 11th refueling outage (2R11).

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 4/2/05 at 1430 hours, the Unit began a planned power reduction to approximately 57% output in order to perform testing of the Main Steam Safety Valves prior to beginning the 11th refueling outage. An output of approximately 57% was achieved at 0100 hours on 4/3/05. Following successful testing of the Main Steam Safety Valves, the Unit began to shutdown for its 11th refueling outage at 1712 hours on 4/3/05. The Unit was taken off-line at 0001 hours on 4/4/05, then entered Mode 2 at 0044 hours and Mode 3 at 0045 hours on 4/4/05. As the plant cooled down, Mode 4 was entered at 0334 hours and Mode 5 was entered at 0546 hours on 4/4/05. Mode 6 was entered at 1721 hours on 4/8/05 to begin refueling the reactor. Following refueling of the reactor, Mode 5 was re-entered at 0630 hours on 4/19/05. The Unit began to heat up entering Mode 4 at 1548 hours and Mode 3 at 2350 hours on 4/26/05. Mode 2 was entered at 2355 hours on 4/27/05 and the reactor was taken critical at 0100 hours on 4/28/05. Mode 1 was entered at 1033 hours and the Unit was synchronized to the electrical grid at 1451 hours on 4/28/05 ending the 11th refueling outage. Output was then escalated to the 30%, 75% and 90% power plateaus over the next two days for fuel preconditioning, to obtain core power distribution data (flux maps) for startup testing, and for calibration of nuclear instrumentation. As the report period ended, the Unit was holding at approximately 88% output to complete calibration of nuclear instrumentation.