

FENOC

FirstEnergy Nuclear Operating Company

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

L-03-156

October 8, 2003

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, 2003. 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

IE24

UNIT SHUTDOWNS

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE October 1, 2003
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: September 2003

No.	Date (Y/M/D)	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)

SUMMARY:

The Unit operated at a nominal value of 100% output for the entire report period.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 UNIT NAME: EVPS UNIT #1
 REPORT DATE: 10/01/03
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 2003

1. DESIGN ELECTRICAL RATING (Net MWe): 835
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 821

 * Note: Rated thermal power at *
 * EVPS-1 was uprated from 2652 Mwt *
 * to 2689 Mwt on 10/20/01. Net *
 * MDC was also uprated from *
 * 810 MWe to 821 MWe. *

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	720.0	6551.0	240335.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	5250.5	165842.0
4. SERVICE HOURS GENERATOR ON LINE:	720.0	5203.9	163315.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	602700.0	4157899.0	122813906.0
7. GROSS ELECT. ENERGY GEN. (MWH):	637630.0	4413317.0	131082907.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1934204.0	13462002.0	403733311.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	79.4	69.4
10. UNIT CAPACITY FACTOR (MDC) (%):	102.0	77.3	64.9
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.1	15.3

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE October 1, 2003
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: September 2003

No.	Date (Y/M/D)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
						Comments
1	030913	S	432.0	C	1	The Unit was shutdown for its planned 10 th refueling outage on 9/13/03.

(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 1806 hours on 9/11/03 when a planned reduction to less than 50% output was commenced in order to support Main Steam Safety Valve testing prior to the beginning of the 10th refueling outage. An output of approximately 48% was achieved at 0427 hours on 9/12/03. At 1910 hours on 9/12/03, the Unit began to shut down for its planned 10th refueling outage. The Unit was removed from service at 0001 hours on 9/13/03. Mode 2 was entered at 0036 hours. The Reactor was manually tripped as part of the planned shutdown and Mode 3 was entered at 0043 hours on 9/13/03. The Unit continued to cool down and depressurize, entering Mode 4 at 0340 hours and Mode 5 at 0600 hours on 9/13/03. The Unit entered Mode 6 at 0859 hours on 9/17/03, and remained in this refueling mode for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 UNIT NAME: BVPS UNIT #2
 REPORT DATE: 10/01/03
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 2003
 1. DESIGN ELECTRICAL RATING (Net MWe): 836
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 831

 * Notes: Rated thermal power at *
 * BVPS-2 was updated from 2652 Mwt *
 * to 2689 Mwt on 10/30/01. Net *
 * MDC was also updated from *
 * 820 MWe to 831 MWe. *

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	720.0	6551.0	139118.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	288.6	6119.6	115674.7
4. SERVICE HOURS GENERATOR ON LINE:	288.0	6119.0	114945.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	224608.0	5089493.0	90271896.0
7. GROSS ELECT. ENERGY GEN. (MWH):	238873.0	5354950.0	95386995.0
8. GROSS THERMAL ENERGY GEN. (MWH):	733841.0	16309075.0	290908686.0
9. UNIT AVAILABILITY FACTOR (%):	40.0	93.4	82.6
10. UNIT CAPACITY FACTOR (MDC) (%):	37.5	93.5	78.8
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	9.3