

FENOC

FirstEnergy Nuclear Operating Company

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

L-02-104

October 7, 2002

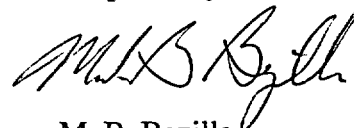
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 2002.

Respectfully,



M. B. Bezilla
Vice-President

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 2, 2002
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: September 2002

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: BVPS UNIT #1
 REPORT DATE: 10/01/02
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 2002
 1. DESIGN ELECTRICAL RATING (Net MWe): 835
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 821

 * Notes: Rated thermal power at *
 * BVPS-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	231575.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6551.0	158633.4
4. SERVICE HOURS GENERATOR ON LINE:	720.0	6551.0	156172.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	593210.0	5388950.0	117055093.0
7. GROSS ELECT. ENERGY GEN. (MWH):	628400.0	5705720.0	124972506.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1933446.0	17479611.0	385114416.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	68.9
10. UNIT CAPACITY FACTOR (MDC) (%):	100.4	100.2	64.2
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	15.8

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE October 2, 2002
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: September 2002

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 began the report period operating at a nominal value of 100% output. On 9/20/02 with the Main Unit Condenser parameters degrading due to suspected macro fouling, the Unit began to make incremental load reductions beginning at 0829 hours in order to prevent exceeding Condenser operating limits. With load incrementally reduced approximately 19% throughout the day, the Unit began to reduce output an additional 13% at approximately 2100 hours on 9/20/02 in order to clean the Main Unit Condenser. An output of approximately 68% was achieved at 0018 hours on 9/21/02. All four waterboxes of the Main Condenser were required to be cleaned due to the presence of Cooling Tower fill material which had migrated through a damaged basin screen and into the inlet side of the Condenser. While Condenser cleaning continued, the Unit raised output approximately 6% at 1520 hours on 9/24/02 in an effort to reduce Turbine vibrations being experienced at the #3 Turbine Trip/Governor Valve. Upon completion of cleaning all four Condenser waterboxes, the Unit commenced to return to full power at 0539 hours on 9/25/02. A nominal value of 100% output was achieved at 0423 hours on 9/26/02. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 UNIT NAME: BVPS UNIT #2
 REPORT DATE: 10/01/02
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: SEPTEMBER 2002
 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	130358.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	5991.6	107346.1
4. SERVICE HOURS GENERATOR ON LINE:	720.0	5924.9	106617.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	561323.0	4747484.0	83325576.0
7. GROSS ELECT. ENERGY GEN. (MWH):	592063.0	5009033.0	88083776.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1823375.0	15295737.0	268703318.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	90.4	81.8
10. UNIT CAPACITY FACTOR (MDC) (%):	93.8	87.2	77.2
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.3	9.9