

# FENOC

FirstEnergy Nuclear Operating Company

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

L-03-121

August 7, 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 July, 2003.

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 August 1, 2003  
 COMPLETED BY David T. Jones  
 TELEPHONE (724) 682-4962

REPORTING PERIOD: July 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 month.

OPERATING DATA REPORT

DOCKET NO.: 50-334  
 UNIT NAME: BVPS UNIT #1  
 REPORT DATE: 08/01/03  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JULY 2003  
 1. DESIGN ELECTRICAL RATING (Net MWe): 835  
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 821

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 \* 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:	744.0	5087.0	238871.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	3786.5	164378.0
4. SERVICE HOURS GENERATOR ON LINE:	744.0	3739.9	161851.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	618520.0	2938309.0	121594316.0
7. GROSS ELECT. ENERGY GEN. (MWH):	654650.0	3122697.0	129792287.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1998416.0	9530273.0	399801582.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	73.5	69.2
10. UNIT CAPACITY FACTOR (MDC) (%):	101.3	70.4	64.6
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.5	15.4

## UNIT SHUTDOWNS

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

REPORTING PERIOD: July 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)

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**SUMMARY:**

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

OPERATING DATA REPORT

DOCKET NO.: 50-412  
 UNIT NAME: BVPS UNIT #2  
 REPORT DATE: 08/01/03  
 COMPLETED BY: DAVID T. JONES  
 TELEPHONE: (724) 682-4962

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

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	5087.0	137654.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	5087.0	114642.1
4. SERVICE HOURS GENERATOR ON LINE:	744.0	5087.0	113913.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	617505.0	4250052.0	89432455.0
7. GROSS ELECT. ENERGY GEN. (MWH):	649959.0	4468585.0	94500630.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1997943.0	13577191.0	288176802.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	82.8
10. UNIT CAPACITY FACTOR (MDC) (%):	99.9	100.5	78.0
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	9.4