

FENOC

FirstEnergy Nuclear Operating Company

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

L-03-107

July 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", the 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 June, 2003.

Respectfully,



**L. W. Pearce
Vice President BVPS**

DTJ/mar

Enclosures

cc: NRC Regional Office
King of Prussia, PA

JE24

UNIT SHUTDOWNS

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

REPORTING PERIOD: June 2003

No.	Date (Y/M/D)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions Comments
3	030605	S	18.6	B	1	A planned shutdown was performed in order to make a balance move on the Low Pressure Turbine due to vibration concerns with the #3 bearing identified during startup from the 15 th refueling outage. Two (2) balance weights were installed and vibrations were successfully reduced.

(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 6/4/03 at 1900 hours, the Unit began a planned shutdown in order to make a balance move on the Low Pressure Turbine due to vibration concerns with the #3 bearing identified during startup from the 15th refueling outage. The Unit was taken off-line at 0301 hours on 6/5/03 but remained critical. Following the installation of two balance weights onto the Low Pressure Turbine, the Unit was synchronized to the electrical grid at 2136 hours on 6/5/03 and began to return to full power. A nominal value of 100% output was achieved at 1045 hours on 6/6/03. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

In accordance with Technical Specification 3.1.3.2, Note (3), the following is also required to be reported in this Monthly Operating Report. On 6/21/03 at 1155 hours during performance of surveillance test, "Control Rod Assembly Partial Movement Test", analog rod position indication (ARPI) for control rod F-10 did not show any movement when inserted 10 steps. Primary voltage readings taken confirmed that control rod F-10 had moved accordingly. Following restoration of control bank D to 226 steps, another primary voltage reading was obtained to verify withdrawal of control rod F-10. The ARPI for control rod F-10 remained inoperable until it could be repaired. Following ARPI repairs and functional testing, the ARPI for control rod F-10 was declared operable at 1251 hours on 6/24/03.

OPERATING DATA REPORT

DOCKET NO.: 50-334
UNIT NAME: BVPS UNIT #1
REPORT DATE: 07/01/03
COMPLETED BY: DAVID T. JONES
TELEPHONE: (724) 682-4962

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

* Notes: Rated thermal power at *
* BVPS-1 was updated from 2652 MWt *
* to 2689 MWt on 10/20/01. Net *
* MDC was also updated from *
* 810 MWe to 821 MWe. *

	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	720.0	4343.0	238127.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	3042.5	163634.0
4. SERVICE HOURS GENERATOR ON LINE:	701.4	2995.9	161107.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	577721.0	2319789.0	120975796.0
7. GROSS ELECT. ENERGY GEN. (MWH):	612291.0	2468047.0	129137637.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1867655.0	7531857.0	397803166.5
9. UNIT AVAILABILITY FACTOR (%):	97.4	69.0	69.1
10. UNIT CAPACITY FACTOR (MDC) (%):	97.7	65.1	64.5
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.9	15.5

UNIT SHUTDOWNS

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

REPORTING PERIOD: June 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 began the report period operating at a nominal value of 100% output. At 2348 hours on 6/6/03, a planned reduction was begun to clean the Main Unit Condenser waterboxes. An output of approximately 75% was achieved at 0244 hours on 6/7/03. The Unit was ready to return to full power at 2400 hours on 6/8/03 after completion of cleaning the "A" and "C" waterboxes in the Main Unit Condenser, however, the system load dispatcher requested the Unit remain at 75% output and load follow until 0400 hours on 6/9/03. At 0400 hours on 6/9/03, the Unit commenced to return to full power. A nominal value to 100% output was achieved at 0848 hours on 6/9/03. 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: 07/01/03
COMPLETED BY: DAVID T. JONES
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: JUNE 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:	720.0	4343.0	136910.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	4343.0	113898.1
4. SERVICE HOURS GENERATOR ON LINE:	720.0	4343.0	113169.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	588892.0	3632547.0	88814950.0
7. GROSS ELECT. ENERGY GEN. (MWH):	619717.0	3818626.0	93850671.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1894875.0	11579248.0	286178859.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	82.7
10. UNIT CAPACITY FACTOR (MDC) (%):	98.4	100.7	77.9
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	9.4