

FENOC

FirstEnergy Nuclear Operating Company

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

L-02-071

June 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 May 2002.

Respectfully,



L. W. Pearce
Acting Site Vice-President

DTJ/caj

Enclosures

cc: NRC Regional Office
King of Prussia, PA

TE24

UNIT SHUTDOWNS

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE June 4, 2002
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: May 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: 06/04/02
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MAY 2002
 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:	744.0	3623.0	228647.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	3623.0	155704.5
4. SERVICE HOURS GENERATOR ON LINE:	744.0	3623.0	153244.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	618900.0	2986810.0	114652953.0
7. GROSS ELECT. ENERGY GEN. (MWH):	654600.0	3160580.0	122427366.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1998037.0	9617440.0	377252245.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	68.5
10. UNIT CAPACITY FACTOR (MDC) (%):	101.3	100.4	63.8
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	16.1

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE June 4, 2002
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: May 2002

No.	Date (Y/M/D)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
						Comments
4	020524	S	34.9	B	1	The Unit performed a scheduled shutdown to Mode 2 (Reactor remained critical) in order to repair a Nitrogen leak on the Main Unit Transformer.

(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. With degrading chemistry conditions occurring in the Steam Generators, a power reduction to approximately 75% output was begun at 0216 hours on 5/11/02 in order to repair a potential tube leak in the "C" Waterbox of the Main Unit Condenser. An output of approximately 75% was achieved at 0450 hours on 5/11/02. After plugging two leaking tubes and returning the "C" Waterbox to service, the Unit commenced to return to full power at 1135 hours on 5/12/02. A nominal value of 100% output was achieved at 1600 hours on 5/12/02.

The Unit continued to operate at a nominal value of 100% output until 1209 hours on 5/24/02, when a scheduled shutdown was begun in order to repair a Nitrogen leak on the Main Unit Transformer. The Unit was taken off-line at 1949 hours on 5/24/02 and entered Mode 2 at 2015 hours on 5/24/02 with the Reactor remaining critical. Upon completion of repairs, the Unit commenced to startup, entering Mode 1 at 0302 hours on 5/26/02. The Unit was synchronized to the electrical grid at 0641 hours on 5/26/02 and commenced to return to full power. During power ascension, from 1706 hours until 2055 hours on 5/26/02, the Unit was held at approximately 67% output in order to load follow per the System Load Dispatcher's request. A nominal value of 100% output was subsequently achieved at 0544 hours on 5/27/02.

The Unit continued to operate at a nominal value of 100% output until 1701 hours on 5/29/02, when an unplanned power reduction to approximately 42% output was begun in order to repair an active leak on the upper motor bearing lube oil cooler for the "A" Heater Drain Pump. An output of approximately 42% was achieved at 2200 hours on 5/29/02. Upon completion of repairs, the Unit commenced to return to full power at 1415 hours on 5/30/02. A nominal value of 100% output was achieved at 2300 hours on 5/30/02. 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: 06/04/02
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MAY 2002
 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	3623.0	127430.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	3063.6	104418.1
4. SERVICE HOURS GENERATOR ON LINE:	709.1	2996.9	103689.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	565905.0	2355669.0	80933761.0
7. GROSS ELECT. ENERGY GEN. (MWH):	597866.0	2489610.0	85564353.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1816590.0	7544045.0	260951626.0
9. UNIT AVAILABILITY FACTOR (%):	95.3	82.7	81.4
10. UNIT CAPACITY FACTOR (MDC) (%):	91.5	78.2	77.0
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.6	10.2