

FENOC

FirstEnergy Nuclear Operating Company

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

L-03-141

September 8, 2003

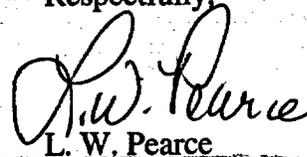
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 August, 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 September 2, 2003
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: August 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 until 1611 hours on 8/14/03 when a slight load rejection of approximately 65 MWH occurred due to grid instability following a wide scale power outage that disrupted a large sector of the nation's power grid. The Unit was immediately stabilized and returned to full power.

The Unit continued to operate at a nominal value of 100% output until 0909 hours on 8/23/03, when a planned load reduction to approximately 95% output was commenced. An output of approximately 95% was achieved at 0950 hours on 8/23/03. The 5% load reduction was being made as a conservative measure in order to allow margin for the expected rise in reactor power due to a rise in steam flow that was being used to dislodge foreign material from the seat of Condenser Steam Dump Valve 106A4 that was preventing full closure of the valve. Following successful closure of the valve, the Unit began to return to full power at 1110 hours on 8/23/03. A nominal value of 100% output was achieved at 1310 hours on 8/23/03. The Unit continued to operate at a nominal value of 100% output for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 UNIT NAME: BVPS UNIT #1
 REPORT DATE: 09/02/03
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: AUGUST 2003
 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:	744.0	5831.0	239615.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	4530.5	165122.0
4. SERVICE HOURS GENERATOR ON LINE:	744.0	4483.9	162595.9
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	616890.0	3555199.0	122211206.0
7. GROSS ELECT. ENERGY GEN. (MWH):	652990.0	3775687.0	130445277.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1997525.0	11527798.0	401799107.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	76.9	69.3
10. UNIT CAPACITY FACTOR (MDC) (%):	101.0	74.3	64.8
11. UNIT FORCED OUTAGE RATE (%):	0.0	1.3	15.3

UNIT SHUTDOWNS

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

REPORTING PERIOD: August 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 until 1613 hours on 8/14/03 when a slight load rejection of approximately 15 MWH occurred due to grid instability following a wide scale power outage that disrupted a large sector of the nation's power grid. The Unit was immediately stabilized and returned to full power, and 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: 09/02/03
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: AUGUST 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	5831.0	138398.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	5831.0	115386.1
4. SERVICE HOURS GENERATOR ON LINE:	744.0	5831.0	114657.5
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	614833.0	4864885.0	90047288.0
7. GROSS ELECT. ENERGY GEN. (MWH):	647492.0	5116077.0	95148122.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1998043.0	15575234.0	290174845.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	100.0	82.8
10. UNIT CAPACITY FACTOR (MDC) (%):	99.4	100.4	79.0
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.0	9.3