

FENOC

FirstEnergy Nuclear Operating Company

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

L-01-002

January 5, 2001

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 December 2000.

Respectfully,



Lew W. Myers
Senior Vice-President - Nuclear

DTJ/slp

Enclosures

cc: NRC Regional Office
King of Prussia, PA

IE24

UNIT SHUTDOWNS

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE January 3, 2001
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: December 2000

No.	Date	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 0956 hours on 12/26/00 when a 5% power reduction was begun in order to maintain Main Unit Condenser hotwell conditions within operating limits with the "B" Condenser waterbox isolated for Condenser tube cleaning. An output of approximately 95% was achieved at 1110 hours on 12/26/00. The Unit was returned to a nominal value of 100% output at 1700 hours on 12/26/00 following return of the "B" Condenser waterbox to service and improved Condenser hotwell conditions. 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: 01/03/01
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: DECEMBER 2000
 1. DESIGN ELECTRICAL RATING (Net Mwe): 835
 2. MAX. DEPENDABLE CAPACITY (Net Mwe): 810

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 Notes
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	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	8784.0	216264.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	7498.0	144619.9
4. SERVICE HOURS GENERATOR ON LINE:	744.0	7431.0	142212.2
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	614600.0	5883020.0	105675120.0
7. GROSS ELECT. ENERGY GEN. (MWH):	650070.0	6246390.0	112910413.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1970715.0	18968280.0	348307516.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	84.6	67.2
10. UNIT CAPACITY FACTOR (MDC) (%):	102.0	82.7	62.3
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.9	17.0

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE January 3, 2001
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: December 2000

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
3	001211	F	195.9	A	1	An Unusual Event was declared and the Unit was manually shutdown as required by plant Technical Specifications due to a primary system (packing) leak greater than allowable values from the "B" Reactor Coolant System Loop Drain Valve in Containment. The cause for the packing leak was failure of one of the two gland studs on the valve. The Unit was taken to cold shutdown and the valve was repaired and re-packed prior to starting up.

(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 0412 hours on 12/11/00 when a plant shutdown was begun due to Reactor Coolant System (RCS) leakage in excess of Technical Specification limits. An Unusual Event was also declared at 0536 hours due to unidentified leakage greater than 10 gpm. The Unit was taken off-line at 0613 hours, Mode 2 was entered at 0636 hours, Mode 3 was entered at 0700 hours, Mode 4 was entered at 1110 hours, Mode 5 (cold shutdown) was entered at 1357 hours, and the Unusual Event was terminated at 1405 hours on 12/11/00. The cause for the RCS leakage in Containment was determined to be a packing leak from the "B" RCS Loop Drain Valve caused by failure of one of the two gland studs on the valve. Following repair of the valve, the Unit was to be taken to full temperature and pressure so that the valve could be properly post-maintenance tested. The Unit began to heat-up and entered Mode 4 at 1456 hours on 12/14/00. Mode 3 was entered at 1830 hours on 12/14/00. Mode 2 was entered at 0529 hours and the Reactor was taken critical at 0625 hours on 12/15/00. Mode 1 was entered at 0749 hours, however, due to continued leakage from the packing of the "B" RCS Loop Drain Valve while at normal operating temperature and pressure, the Turbine was tripped at 1357 hours on 12/15/00 and the Unit commenced to return to cold shutdown to re-work the valve. Mode 2 was entered at 1404 hours, Mode 3 was entered at 1450 hours, Mode 4 was entered at 1734 hours, and Mode 5 was entered at 2026 hours on 12/15/00. The valve was re-packed with a different style packing and the Unit began to heat-up, entering Mode 4 at 1308 hours on 12/18/00. Mode 3 was entered at 1700 hours on 12/18/00. Mode 2 was entered at 0425 hours, the Reactor was taken critical at 0508 hours, Mode 1 was entered at 0613 hours, and the Unit was synchronized to the electrical grid at 1008 hours on 12/19/00. The Unit increased power achieving a nominal value of 100% output at 0353 hours on 12/20/00. 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: 01/03/01
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: DECEMBER 2000
 1. DESIGN ELECTRICAL RATING (Net Mwe): 836
 2. MAX. DEPENDABLE CAPACITY (Net Mwe): 820

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 Notes
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	THIS MONTH	YEAR TO DATE	CUMULATIVE
3a. HOURS IN REPORTING PERIOD:	744.0	8784.0	115047.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	562.3	7838.5	92642.4
4. SERVICE HOURS GENERATOR ON LINE:	548.1	7804.9	91990.0
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	453731.0	6227849.0	71386439.0
7. GROSS ELECT. ENERGY GEN. (MWH):	479995.0	6569979.0	75507675.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1435864.0	19805628.0	230718062.0
9. UNIT AVAILABILITY FACTOR (%):	73.7	88.9	80.0
10. UNIT CAPACITY FACTOR (MDC) (%):	74.4	86.5	75.4
11. UNIT FORCED OUTAGE RATE (%):	26.3	2.4	11.3