

FENOC

FirstEnergy Nuclear Operating Company

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

L-01-151

December 7, 2001

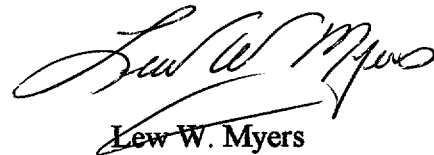
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 November 2001.

Respectfully,



Lew W. Myers
Senior Vice-President - Nuclear

DTJ/caj

Enclosures

cc: NRC Regional Office
King of Prussia, PA

IE24

UNIT SHUTDOWNS

DOCKET NO. 50-334
UNIT NAME BVPS Unit #1
DATE December 4, 2001
COMPLETED BY David T. Jones
TELEPHONE (724) 682-4962

REPORTING PERIOD: November 2001

No	Date (D/M/Y)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
						Comments
5	061101	F	74.8	A	3	While at 100% output, the Unit experienced an automatic Reactor trip due to low-low level in the 1C Steam Generator, which was preceded by the unexpected closure of the "C" Main Feedwater Regulating Valve (MFRV). Closure of the "C" MFRV occurred when the output of the power supply regulator board failed to greater than 50 volts, causing limitation of the controller output to 3.8 milliamps, thereby failing the valve closed. The power supply board, limiter board and transfer board were all replaced. Prior to achieving criticality, the Unit experienced an automatic Reactor trip on 11/08/01 caused by a control power fuse failure on one of two Intermediate Range Nuclear Instruments (N36). Following replacement of the high-voltage power supply and fuses to N36, the Unit was returned to service.

(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 11/6/01 at 1416 hours, the Unit experienced an automatic Reactor trip due to low-low level in the 1C Steam Generator, which was preceded by the unexpected closure of the "C" Main Feedwater Regulating Valve (MFRV). Closure of the "C" MFRV occurred due to a power supply regulator board failure. The Unit was stabilized in Mode 3 while repairs to the "C" MFRV continued. Upon completion of repairs to the "C" MFRV, the Unit commenced Reactor startup and entered Mode 2 at 2024 hours on 11/8/01. Just prior to reaching criticality, the Unit experienced an automatic Reactor trip at 2057 hours on 11/8/01, and was stabilized in Mode 3. The Reactor trip resulted from a control power fuse failure on one of two Intermediate Range Nuclear Instruments (N36). Following replacement of the high voltage power supply and fuses to N36, the Unit commenced Reactor start-up and re-entered Mode 2 at 1325 hours on 11/9/01. The Reactor was taken critical at 1401 hours and the Unit was synchronized to the electrical grid at 1702 hours on 11/9/01. The Unit achieved a nominal value of 100% output at 1000 hours on 11/10/01. 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: 12/04/01
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: NOVEMBER 2001
 1. DESIGN ELECTRICAL RATING (Net MWe): 835
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 821

 * Note: 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:	720.0	8016.0	224280.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	648.2	6772.0	151391.9
4. SERVICE HOURS GENERATOR ON LINE:	645.2	6725.1	148937.3
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	531868.0	5426065.0	111101185.0
7. GROSS ELECT. ENERGY GEN. (MWH):	565228.0	5756455.0	118666868.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1718236.0	17503993.0	365811509.5
9. UNIT AVAILABILITY FACTOR (%):	89.6	83.9	67.9
10. UNIT CAPACITY FACTOR (MDC) (%):	90.0	83.4	63.1
11. UNIT FORCED OUTAGE RATE (%):	10.4	2.3	16.5

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE December 4, 2001
 COMPLETED BY David T. Jones
 TELEPHONE (724) 682-4962

REPORTING PERIOD: November 2001

No.	Date (D/M/Y)	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.: 50-412
 UNIT NAME: BVPS UNIT #2
 REPORT DATE: 12/04/01
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: NOVEMBER 2001
 1. DESIGN ELECTRICAL RATING (Net MWe): 836
 2. MAX. DEPENDABLE CAPACITY (Net MWe): 831

 * Note: 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	8016.0	123063.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	7968.1	100610.5
4. SERVICE HOURS GENERATOR ON LINE:	720.0	7958.6	99948.6
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	610805.0	6559677.0	77946116.0
7. GROSS ELECT. ENERGY GEN. (MWH):	642066.0	6902205.0	82409880.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1932741.0	20692269.0	251410331.0
9. UNIT AVAILABILITY FACTOR (%):	100.0	99.3	81.2
10. UNIT CAPACITY FACTOR (MDC) (%):	102.1	99.7	76.9
11. UNIT FORCED OUTAGE RATE (%):	0.0	0.7	10.5