FENOC
FirstEnergy Nuclear Operating Company

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

L-00-124

November 6, 2000

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 October 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 November 2, 2000
COMPLETED BY David T. Jones
TELEPHONE (412) 393-4962

REPORTING PERIOD: October 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 for the entire report period.

OPERATING DATA REPORT

DOCKET NO.: 50-334
UNIT NAME: BVPS UNIT #1
REPORT DATE: 11/02/00
COMPLETED BY: DAVID T. JONES
TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: OCTOBER 2000

1. DESIGN ELECTRICAL RATING (Net Mwe): 835

2. MAX. DEPENDABLE CAPACITY (Net Mwe): 810

*Notes

		THIS MONTH	YEAR TO DATE	CUMULATIVE
3a.	HOURS IN REPORTING PERIOD:	745.0	7320.0	214800.0
3.	NO. OF HRS. REACTOR WAS CRITICAL:	745.0	6034.0	143155.9
4.	SERVICE HOURS GENERATOR ON LINE:	745.0	5967.0	140748.2
5.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6.	NET ELECTRICAL ENERGY GEN. (MWH):	615900.0	4673220.0	104465320.0
7.	GROSS ELECT. ENERGY GEN. (MWH):	652080.0	4966310.0	111630333.0
8.	GROSS THERMAL ENERGY GEN. (MWH):	1974214.0	15097012.0	344436248.5
9.	UNIT AVAILABILITY FACTOR (%):	100.0	81.5	67.0
10.	UNIT CAPACITY FACTOR (MDC) (%):	102.1	78.8	62.0
11.	UNIT FORCED OUTAGE RATE (%):	0.0	1.1	17.2

UNIT SHUTDOWNS

DOCKET NO. 50-412
UNIT NAME BVPS Unit #2
DATE November 2, 2000
COMPLETED BY David T. Jones
TELEPHONE (412) 393-4962

REPORTING PERIOD: October 2000

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions Comments
2	001001	S	591.3	C	4	The Unit continued with its planned 8th Refueling Outage completing it on 10/25/00.

(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 shutdown in Mode 5 while its 8th Refueling Outage continued. Mode 6 was entered at 2153 hours on 10/01/00. Following refueling of the reactor vessel, Mode 5 was entered at 0225 hours on 10/16/00. The Unit began to heatup and entered Mode 4 at 2353 hours on 10/22/00. Heatup continued and the Unit entered Mode 3 at 1501 hours on 10/23/00. Mode 2 was entered at 2003 hours and the reactor was taken critical at 2100 hours on 10/24/00. Mode 1 was entered at 0551 hours and the Unit was synchronized to the electrical grid at 1518 hours on 10/25/00 officially ending the 8th Refueling Outage. Output was then escalated to approximately 30% for fuel preconditioning at 0135 hours on 10/26/00. Following completion of a flux map at approximately 30% output, the Unit commenced to increase power at 1652 hours on 10/26/00 to approximately 75% output for fuel preconditioning. An output of approximately 75% was achieved at 1030 hours on 10/27/00. Following completion of a flux map at approximately 75% output, the Unit commenced to increase power at 0255 hours on 10/29/00 to approximately 90% output for calibration of nuclear instrumentation. An output of approximately 90% was achieved at 2100 hours on 10/29/00. Following completion of calibrating nuclear instrumentation at approximately 90% output, the Unit commenced to increase power at 0115 hours on 10/30/00 to approximately 95% output for fuel preconditioning. An output of approximately 95% was achieved at 0351 hours on 10/30/00. Following completion of a flux map at 1226 hours on 10/31/00 while at approximately 95% output, the Unit commenced to increase output towards full power in small increments as each loop delta-T channel calibration/adjustments were completed. As of the end of the report period, the Unit had achieved a maximum output of approximately 96% while loop delta-T channel calibration/adjustments continued.

OPERATING DATA REPORT

DOCKET NO.: 50-412
UNIT NAME: BVPS UNIT #2
REPORT DATE: 11/02/00
COMPLETED BY: DAVID T. JONES
TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: OCTOBER 2000

1. DESIGN ELECTRICAL RATING (Net Mwe): 836

2. MAX. DEPENDABLE CAPACITY (Net Mwe): 820

*Notes

		THIS MONTH	YEAR TO DATE	CUMULATIVE
3a.	HOURS IN REPORTING PERIOD:	745.0	7320.0	113583.0
3.	NO. OF HRS. REACTOR WAS CRITICAL:	172.0	6556.2	91360.1
4.	SERVICE HOURS GENERATOR ON LINE:	153.7	6536.8	90721.9
5.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6.	NET ELECTRICAL ENERGY GEN. (MWH):	80714.0	5164156.0	70322746.0
7.	GROSS ELECT. ENERGY GEN. (MWH):	90862.0	5449200.0	74386896.0
8.	GROSS THERMAL ENERGY GEN. (MWH):	286752.0	16467773.0	227380207.0
9.	UNIT AVAILABILITY FACTOR (%):	20.6	89.3	79.9
10.	UNIT CAPACITY FACTOR (MDC) (%):	13.2	86.0	75.3
11.	UNIT FORCED OUTAGE RATE (%):	0.0	0.0	11.2