FENOC

FirstEnergy Nuclear Operating Company

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

L-03-058

April 7, 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 March, 2003.

Respectfully,

M. B. Bezilla
Vice-President

DTJ/cmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

IE24

UNIT SHUTDOWNS

DOCKET NO. 50-334
UNIT NAME BVPS Unit #1
DATE April 1, 2003
COMPLETED BY David T. Jones
TELEPHONE (724) 682-4962

REPORTING PERIOD: March 2003

No.	Date (Y/M/D)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions Comments
2	03/03/08	S	576.0	C	1	The Unit was shut down for its planned 15th refueling outage.

(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 continuing to increase power from approximately 39% output beginning at 2100 hours on 2/28/03 to approximately 58% output at 0250 hours on 3/1/03. The Unit was operating at reduced output because only one Main Feedwater Pump operation was possible following loss of the "D" 4KV Bus (tripped on overcurrent during start of the second Main Feedwater Pump on 2/27/03 during Unit startup following a reactor trip on 2/24/03 when the "C" Main Steam Isolation Valve failed closed). A reduction in output was begun at 1411 hours on 3/1/03 due to elevated motor inboard bearing temperatures on the running "A" Main Feedwater Pump. The reduction was halted at approximately 55% output at 1433 hours on 3/1/03 when motor bearing temperatures were lowered and stabilized following placement of additional ventilation to cool the motors. The Unit remained operating at approximately 55% output while evaluation of the bus trip from 2/27/03 continued. At 0520 hours on 3/7/03, the Unit reduced output from approximately 55% to 48% in order to begin performing planned Main Steam Safety Valve testing prior to the beginning of the 15th refueling outage. An output of approximately 48% was achieved at 0630 hours on 3/7/03. At 2100 hours on 3/7/03, the Unit began to shut down for its planned 15th refueling outage. The Unit was removed from service at 0000 hours on 3/8/03. Mode 2 was entered at 0017 hours and Mode 3 was entered at 0020 hours on 3/8/03. The Unit continued to cool down and depressurize, entering Mode 4 at 0338 hours and Mode 5 at 1135 hours on 3/8/03. The Unit entered Mode 6 at 0608 hours on 3/14/03 and remained in this refueling mode for the remainder of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-334
UNIT NAME: BVPS UNIT #1
REPORT DATE: 04/01/03
COMPLETED BY: DAVID T. JONES
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MARCH 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	2160.0	235944.0
3.	NO. OF HRS. REACTOR WAS CRITICAL:	168.3	1531.5	162123.0
4.	SERVICE HOURS GENERATOR ON LINE:	168.0	1525.2	159637.2
5.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6.	NET ELECTRICAL ENERGY GEN. (MWH):	68757.0	1182118.0	119838125.0
7.	GROSS ELECT. ENERGY GEN. (MWH):	78037.0	1258418.0	127928008.0
8.	GROSS THERMAL ENERGY GEN. (MWH):	242589.0	3814009.0	394085318.5
9.	UNIT AVAILABILITY FACTOR (%):	22.6	70.6	69.1
10.	UNIT CAPACITY FACTOR (MDC) (%):	11.3	66.7	64.5
11.	UNIT FORCED OUTAGE RATE (%):	0.0	3.7	15.6

UNIT SHUTDOWNS

DOCKET NO. 50-412
UNIT NAME BVPS Unit #2
DATE April 1, 2003
COMPLETED BY David T. Jones
TELEPHONE (724) 682-4962

REPORTING PERIOD: March 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 for the entire report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412
UNIT NAME: BVPS UNIT #2
REPORT DATE: 04/01/03
COMPLETED BY: DAVID T. JONES
TELEPHONE: (724) 682-4962

1a. REPORTING PERIOD: MARCH 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	2160.0	134727.0
3.	NO. OF HRS. REACTOR WAS CRITICAL:	744.0	2160.0	111715.1
4.	SERVICE HOURS GENERATOR ON LINE:	744.0	2160.0	110986.5
5.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6.	NET ELECTRICAL ENERGY GEN. (MWH):	628381.0	1826680.0	87009083.0
7.	GROSS ELECT. ENERGY GEN. (MWH):	660934.0	1919323.0	91951368.0
8.	GROSS THERMAL ENERGY GEN. (MWH):	1997749.0	5799731.0	280399342.0
9.	UNIT AVAILABILITY FACTOR (%):	100.0	100.0	82.4
10.	UNIT CAPACITY FACTOR (MDC) (%):	101.6	101.8	77.7
11.	UNIT FORCED OUTAGE RATE (%):	0.0	0.0	9.6