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November 5, 1999

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 6.9.1.6, the "Monthly Operating Report" is submitted for Unit 1 and Unit 2 for the month of October 1999.

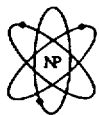
Respectfully,

K. L. Ostrowski
Division Vice President,
Nuclear Operations Group
and Plant Manager

DTJ/slp

Enclosures

cc: NRC Regional Office
King of Prussia, PA



The Nuclear Professionals

0500344 R
10/21/99

UNIT SHUTDOWNS

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE November 2, 1999
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-4962

REPORTING PERIOD: October 1999

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 began the report period operating at a nominal value of 100% output. At 2005 hours on 10/01/99, a planned 10% load reduction was commenced, based on current ambient conditions and Condenser performance, to permit draining of the "A" Waterbox for leak testing of this portion of the Main Unit Condenser. An output of approximately 90% was achieved at 2054 hours on 10/01/99. At 0805 hours on 10/04/99, the Unit commenced to return to full power. The Unit achieved a nominal value of 100% output at 1230 hours on 10/04/99. No tubes were identified as leaking in the "A" Waterbox. The Unit continued to operate at a nominal value of 100% output until 0020 hours on 10/07/99, when a planned 10% load reduction was commenced, based on current ambient conditions and Condenser performance, to permit draining of the "B" Waterbox for leak testing of this portion of the Main Unit Condenser. An output of approximately 90% was achieved at 0114 hours on 10/07/99. At 0809 hours on 10/07/99, the Unit commenced to return to full power. The Unit achieved a nominal value of 100% output at 1300 hours on 10/07/99. No tubes were identified as leaking in the "B" Waterbox. The Unit continued to operate at a nominal value of 100% output until 0013 hours on 10/14/99, when a planned 5% load reduction was commenced, based on current ambient conditions and Condenser performance, to permit draining of the "D" Waterbox for leak testing of this portion of the Main Unit Condenser. An output of approximately 95% was achieved at 0105 hours on 10/14/99. At 0830 hours on 10/14/99, the Unit commenced to return to full power. The Unit achieved a nominal value of 100% output at 1301 hours on 10/14/99. Two tubes were identified as leaking and four were plugged in the "D" Waterbox. 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: 11/03/99
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: OCTOBER 1999
 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:	745.0	7296.0	206016.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	745.0	6377.9	135657.9
4. SERVICE HOURS GENERATOR ON LINE:	745.0	6293.1	133324.8
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	606480.0	4921634.0	98607526.0
7. GROSS ELECT. ENERGY GEN. (MWH):	640970.0	5242454.0	105409229.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1951486.0	16075847.0	325545624.5
9. UNIT AVAILABILITY FACTOR (%):	100.0	86.3	66.2
10. UNIT CAPACITY FACTOR (MDC) (%):	100.5	83.3	61.1
11. UNIT FORCED OUTAGE RATE (%):	0.0	9.0	18.0

UNIT SHUTDOWNS

DOCKET NO. 50-412
 UNIT NAME BVPS Unit #2
 DATE November 2, 1999
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-4962

REPORTING PERIOD: October 1999

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause / Corrective Actions
		F: Forced S: Scheduled				Comments
10	991022	F	230.0	B	1	The Unit was shutdown to repair a leaking Pressurizer Code Safety Valve and two Pressurizer Power Operated Relief Valves (PORVs).

(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. At 0025 hours on 10/05/99, a planned 10% load reduction was commenced, based on current ambient conditions and Condenser performance, to permit draining of the "A" Waterbox for leak testing of this portion of the Main Unit Condenser. An output of approximately 90% was achieved at 0115 hours on 10/05/99. At 0643 hours on 10/05/99, the Unit was ready to return to full power, however, it remained at approximately 90% output to repair the Separator Drain Receiver Pump Discharge Level Control Valve. Following return of the valve to service at 0232 hours on 10/07/99, the Unit commenced to return to full power at 0437 hours. The Unit achieved a nominal value of 100% output at 0700 hours on 10/07/99. No tubes were identified as leaking in the "A" Waterbox. The Unit continued to operate at a nominal value of 100% output until 0015 hours on 10/11/99, when a planned 15% load reduction was commenced, based on current ambient conditions and Condenser performance, to permit draining of the "D" Waterbox for leak testing of this portion of the Main Unit Condenser. An output of approximately 85% was achieved at 0214 hours on 10/11/99. At 0810 hours on 10/11/99, the Unit commenced to increase output as Condenser parameters permitted. The Unit achieved a nominal value of 100% output at 0033 hours on 10/12/99. One tube was identified as leaking and was plugged in the "D" Waterbox.

UNIT SHUTDOWNS

DOCKET NO.	<u>50-412</u>
UNIT NAME	<u>BVPS Unit #2</u>
DATE	<u>November 2, 1999</u>
COMPLETED BY	<u>David T. Jones</u>
TELEPHONE	<u>(412) 393-4962</u>

REPORTING PERIOD: October 1999

SUMMARY (continued):

The Unit continued to operate a nominal value of 100% output until 0314 hours on 10/22/99, when a plant shutdown was commenced to repair a leaking Pressurizer Code Safety Valve and two Pressurizer Power Operated Relief Valves (PORVs). The Unit was taken off-line at 1102 hours on 10/22/99. Mode 2 was entered at 1128 hours and Mode 3 was entered at 1219 hours on 10/22/99. Mode 4 was entered at 0445 hours and Mode 5 was entered at 1329 hours on 10/23/99. Following repair and satisfactory post-maintenance testing of the Pressurizer Code Safety Valve and PORVs, the Unit began preparations for heating up to Mode 4 on 10/31/99. The Unit was still in Mode 5 at the end of the report period.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 UNIT NAME: BVPS UNIT #2
 REPORT DATE: 11/03/99
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-4962

1a. REPORTING PERIOD: OCTOBER 1999
 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:	745.0	7296.0	104799.0
3. NO. OF HRS. REACTOR WAS CRITICAL:	516.3	5804.7	83401.0
4. SERVICE HOURS GENERATOR ON LINE:	515.0	5756.9	82786.0
5. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
6. NET ELECTRICAL ENERGY GEN. (MWH):	418087.0	4659051.0	64059633.0
7. GROSS ELECT. ENERGY GEN. (MWH):	443093.0	4922697.0	67779649.0
8. GROSS THERMAL ENERGY GEN. (MWH):	1333219.0	14938058.0	207442813.0
9. UNIT AVAILABILITY FACTOR (%):	69.1	78.9	79.0
10. UNIT CAPACITY FACTOR (MDC) (%):	68.4	77.9	74.3
11. UNIT FORCED OUTAGE RATE (%):	30.9	9.1	12.1