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October 7, 1994

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, D.C. 20555

Gentlemen:

In accordance with Appendix A, Technical Specifications, the Monthly Operating Report is submitted for Unit 1 and Unit 2 for the month of September, 1994.

Respectfully,

T. P. Noonan
Division Vice President,
Nuclear Operations /
Plant Manager

DTJ/mmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

180000



The Nuclear Professionals

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NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

SEPTEMBER 1994

September 1 through September 30	The Unit operated at a nominal value of 100% output for the entire report period.
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
 UNIT BVPS Unit 1
 DATE October 4, 1994
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7553

MONTH September 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>825</u>	17	<u>813</u>
2	<u>825</u>	18	<u>817</u>
3	<u>829</u>	19	<u>816</u>
4	<u>821</u>	20	<u>817</u>
5	<u>817</u>	21	<u>825</u>
6	<u>821</u>	22	<u>821</u>
7	<u>817</u>	23	<u>825</u>
8	<u>829</u>	24	<u>817</u>
9	<u>825</u>	25	<u>817</u>
10	<u>813</u>	26	<u>821</u>
11	<u>817</u>	27	<u>825</u>
12	<u>825</u>	28	<u>821</u>
13	<u>817</u>	29	<u>829</u>
14	<u>813</u>	30	<u>829</u>
15	<u>817</u>	31	<u>---</u>
16	<u>813</u>		

INSTRUCTIONS

On this form, list the average daily unit power level MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 10/04/94
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7553

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: SEPTEMBER 1994
3. LICENSED THERMAL POWER (MWt): 2652
4. NAMEPLATE RATING (Gross MWe): 923
5. DESIGN ELECTRICAL RATING (Net MWe): 835
6. MAX. DEPENDABLE CAPACITY (Gross MWe): 860
7. MAX. DEPENDABLE CAPACITY (Net MWe): 810

Notes

8. IF CHANGES OCCUR IN CAPACITY RATINGS SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (Net MWe): None
10. REASONS FOR RESTRICTIONS, IF ANY: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	720.0	6551.0	161447.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	4816.9	104347.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	720.0	4785.5	102328.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1902497.0	12325748.0	245731224.5
17. GROSS ELECT. ENERGY GEN. (MWH):	625530.0	4021430.0	79178953.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	590680.0	3762190.0	73981710.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	73.0	65.3
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	73.0	65.3
21. UNIT CAPACITY FACTOR (MDC):PCT	101.3	70.9	59.0
22. UNIT CAPACITY FACTOR (DER):PCT	98.3	68.8	57.3
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	27.0	16.4

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):

The Unit is scheduled to shutdown for its tenth refueling outage on
January 2, 1995. The refueling outage is scheduled to last for 60 days.

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS ($\geq 20\%$)REPORT MONTH SEPTEMBER 1994

Docket No. 50-334
Unit Name BvPS Unit #1
Date October 4, 1994
Completed By David T. Jones
Telephone (412) 393-7553

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
NONE									

¹
F-Forced
S-Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Exam
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Cont'd. from Previous Month
5-Reduction
9-Other

⁴
Exhibit F-Instructions for
Preparation of Data Entry Sheets
for Licensee Event Report (LER) File
(NUREG0161).

⁵
Exhibit H-Same Source.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 2

SEPTEMBER 1994

September 1 The Unit operated at a nominal value of 100% output.
through
September 14

September 15 With unusually warm atmospheric conditions present, a load
reduction to a minimum output of approximately 98.5% was
commenced at 1628 hours to stabilize condenser hotwell
conditions. Once conditions in the condenser hotwell had
improved, the Unit returned to full power at 1820 hours.

September 16 The Unit operated at a nominal value of 100% output for the
through
September 30 remainder of the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-412
UNIT BVPS Unit 2
DATE October 4, 1994
COMPLETED BY David T. Jones
TELEPHONE (412) 393-7553

MONTH September 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>828</u>	17	<u>820</u>
2	<u>831</u>	18	<u>829</u>
3	<u>830</u>	19	<u>830</u>
4	<u>828</u>	20	<u>828</u>
5	<u>829</u>	21	<u>825</u>
6	<u>828</u>	22	<u>825</u>
7	<u>826</u>	23	<u>826</u>
8	<u>822</u>	24	<u>820</u>
9	<u>819</u>	25	<u>817</u>
10	<u>824</u>	26	<u>825</u>
11	<u>827</u>	27	<u>827</u>
12	<u>824</u>	28	<u>829</u>
13	<u>816</u>	29	<u>830</u>
14	<u>811</u>	30	<u>828</u>
15	<u>807</u>	31	<u>---</u>
16	<u>813</u>		

INSTRUCTIONS

On this form, list the average daily unit power level MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 REPORT DATE: 10/04/94
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7553

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: SEPTEMBER 1994
3. LICENSED THERMAL POWER (MWt): 2652
4. NAMEPLATE RATING (Gross MWe): 923
5. DESIGN ELECTRICAL RATING (Net MWe): 836
6. MAX. DEPENDABLE CAPACITY (Gross MWe): 870
7. MAX. DEPENDABLE CAPACITY (Net MWe): 820

Notes

8. IF CHANGES OCCUR IN CAPACITY RATINGS SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (Net MWe): None
10. REASONS FOR RESTRICTIONS, IF ANY: N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	720.0	6551.0	60230.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6285.2	51615.5
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	720.0	6272.0	51268.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1897976.0	16470364.0	126702249.0
17. GROSS ELECT. ENERGY GEN. (MWH):	624984.0	5467221.0	41119226.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	593348.0	5187063.0	38837342.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	95.7	85.1
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	95.7	85.1
21. UNIT CAPACITY FACTOR (MDC): PCT	100.5	96.6	78.2
22. UNIT CAPACITY FACTOR (DER): PCT	98.6	94.7	77.1
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	4.3	3.1

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
The Unit is scheduled to shutdown for its fifth refueling outage on
March 24, 1995. The refueling outage is scheduled to last for 60 days.

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS (≥20%)

REPORT MONTH SEPTEMBER 1994

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date October 4, 1994
 Completed By David T. Jones
 Telephone (412) 393-7553

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
NONE									

1
 F-Forced
 S-Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Exam
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont'd. from Previous Month
 5-Reduction
 9-Other

4
 Exhibit F-Instructions for
 Preparation of Data Entry Sheets
 for Licensee Event Report (LER) File
 (NUREG0161).

5
 Exhibit H-Same Source.