

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

April 1985

April 1 through April 18 The Station was in Operational Mode 1 with Reactor Power at a nominal 100 percent. Reactor Coolant System was at normal operating pressure and temperature.

April 19 through April 25 At 1330 hours on the 19th, power level was reduced to approximately 80 percent due to high stator temperatures on condensate pump [CN-P-1B].

April 26 At 1619 hours commenced plant shutdown due to a leak on the upper manway of the pressurizer. The Station was taken off line at 1835 hours and entered Mode 3 at 1845 hours.

April 27 The Station entered Mode 4 at 1440 hours. Cooldown and depressurization of the Reactor Coolant System toward Mode 5 continued.

April 28 through April 30 The Station entered Mode 5 at 1950 hours on the 28th. Repair work on the upper manway of the pressurizer continued through the end of the month.

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MAJOR MAINTENANCE

1. Replaced thrust bearings in Charging Pump [CH-P-1C].
2. Charging Pump [CH-P-1B] seal replacement.
3. Cleaned Condensate Pump motors [CN-P-1A & 1B].
4. Repair leak on pressurizer upper manway.

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE May 6, 1985
 COMPLETED BY P.A. Smith
 TELEPHONE 412-643-1825

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: April 1985
3. Licensed Thermal Power (MWt): 2660
4. Nameplate Rating (Gross MWe): 923
5. Design Electrical Rating (Net MWe): 835
6. Maximum Dependable Capacity (Gross MWe): 860
7. Maximum Dependable Capacity (Net MWe): 810

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) 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	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2879	78,887
12. Number Of Hours Reactor Was Critical	618.8	2689.8	40,045.5
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	618.6	2560	38,642.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,519,174	5,813,346	89,211,859.6
17. Gross Electrical Energy Generated (MWH)	488,000	1,871,000	28,365,400
18. Net Electrical Energy Generated (MWH)	459,750	1,746,110	26,370,953
19. Unit Service Factor	86.0	88.9	51.3
20. Unit Availability Factor	86.0	88.9	51.3
21. Unit Capacity Factor (Using MDC Net)	78.9	74.9	44.7
22. Unit Capacity Factor (Using DER Net)	76.6	72.6	43.4
23. Unit Forced Outage Rate	14.0	8.2	26.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

N/A
 N/A
 N/A

N/A
 N/A
 N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334

UNIT BVPS Unit #1

DATE May 6, 1985

COMPLETED BY P. A. Smith

TELEPHONE (412) 643-1825

MONTH April

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>791</u>
2	<u>830</u>
3	<u>790</u>
4	<u>833</u>
5	<u>745</u>
6	<u>832</u>
7	<u>790</u>
8	<u>790</u>
9	<u>832</u>
10	<u>748</u>
11	<u>790</u>
12	<u>830</u>
13	<u>788</u>
14	<u>786</u>
15	<u>829</u>
16	<u>788</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>790</u>
18	<u>789</u>
19	<u>705</u>
20	<u>219</u>
21	<u>665</u>
22	<u>707</u>
23	<u>665</u>
24	<u>705</u>
25	<u>667</u>
26	<u>501</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u></u>

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1985

DOCKET NO. 50-334
 UNIT NAME BVP's Unit #1
 DATE May 6, 1985
 COMPLETED BY P.A. Smith
 TELEPHONE (412) 643-1825

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
17	850419	F	0	A	5	N/A	HH	PUMPXX	At 1330 hours on the 19th, power level was reduced due to high stator temperatures on condensate pump [CN-P-1B]. The condensate pump was cleaned and returned to service.
18	850426	F	100.4	A	1	N/A	CB	VESSEL	At 1835 hours on the 26th, the Station was taken off line due to a leak on the upper manway of the pressurizer. Work to repair the leak continued through the end of the month.

¹
 F- Forced
 S- Scheduled

²
 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)

³
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continued From Previous Month
 5-Reduction
 9-Other

⁴
 Exhibit G- Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG
 0161)

⁵
 Exhibit I- Same Source



Duquesne Light

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May 6, 1985

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

U. S. Nuclear Regulatory Commission
Director, Office of Management
Information & Program Control
Washington, D. C. 20555

Gentlemen:

In accordance with Appendix A, Technical Specifications, the Monthly Operating Report is submitted for the month of April, 1985.

Very truly yours,

J. J. Carey
Vice President
Nuclear Group

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Enclosures

cc: NRC Regional Office
King of Prussia, PA

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