

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE
NOVEMBER 1985

November 1 through November 3	At 1800 hours on November 1, the power level was reduced to perform maintenance on the Main Feed Reg. Valves (FCV-FW-498, -488, & -478). On November 2 at 2306 hours, the Station was taken off-line and entered Mode 3 at 2345 hours.
November 3	At 0600 hours while preparing to take the reactor critical, the Demand Counter for Group 2 D Bank worked improperly and a Unit Off-Normal Report was issued. At 0625 hours the reactor was taken critical.
November 4 through November 8	At 2000 hours on November 4, Maintenance completed work on the Main Feed Reg. Valves (FCV-FW-498, -488, and -478). At 2256 hours on the 4th, the Station was synched to the grid. The Station was in Operational Mode 1 with the reactor power at a nominal 100 percent with the Reactor Coolant System at normal operating pressure and temperature.
November 9	At 0412 hours on November 9, the power level was reduced to perform maintenance on the Heater Drain Tank Normal Level Control Valve (LCV-SD-106B). At 0620 hours on the ninth, an additional power reduction occurred to perform maintenance on a Main Feed Reg Valve (FCV-FW-488). At 2040 hours, Maintenance was completed on the Main Feed Reg Valve and power ascension to a nominal 100 percent started.
November 10 through November 30	The Station was in Operational Mode 1 with reactor power at a nominal 100 percent with the Reactor Coolant System at a normal operating pressure and temperature.

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OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE 12/9/85
 COMPLETED BY R.N. Boyle
 TELEPHONE 412-643-1825

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: November 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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	720.0	8,016.0	84,024.0
12. Number Of Hours Reactor Was Critical	713.3	7,501.3	44,857.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	4,482.8
14. Hours Generator On-Line	672.2	7,307.9	43,390.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,668,503.2	17,673,069.1	101,071,583.1
17. Gross Electrical Energy Generated (MWH)	529,000.0	5,653,000.0	32,147,400.0
18. Net Electrical Energy Generated (MWH)	498,170.0	5,301,640.0	29,926,483.0
19. Unit Service Factor	93.4	91.2	54.1
20. Unit Availability Factor	93.4	91.2	54.1
21. Unit Capacity Factor (Using MDC Net)	85.4	81.7	47.5
22. Unit Capacity Factor (Using DER Net)	82.9	79.2	46.1
23. Unit Forced Outage Rate	6.6	7.8	24.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
FIFTH REFUELING, May 19, 1985, Scheduled 93 days			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE 12/9/85
 COMPLETED BY R.N. Boyle
 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
39	851101	F	0	B	4	N/A	CH	VALVEX	At 1800 hours, power level was reduced to perform maintenance on Main Feed Reg. Valves [FCV-FW-498, -488, and -478].
40	851102	F	47.8	B	1	N/A	CH	VALVEX	At 2306 hours, Station off-line to complete maintenance on Main Feed Reg. Valves [FCV-FW-498, -488, and -478]. The Station returned on-line at 2256 hours on the 4th.
41	851109	F	0	B	5	N/A	HH	VALVEX	At 0412 hours power level was reduced to perform maintenance on Heater Drain Tank level Control Valve [LCV-SD-106B].

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-334
 UNIT NAME BVP's Unit #1
 DATE 12/9/85
 COMPLETED BY R.N. Boyle
 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
42	851109	F	0	B	5	N/A	CH	VALVEX	At 0602 hours, power level was reduced to perform maintenance on Main Feed Reg Valve [FCV-FW-488]. Maintenance was completed at 2040 hours.

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:
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
 UNIT BVPS Unit #1
 DATE 12/9/85
 COMPLETED BY R.N. Boyle
 TELEPHONE (412) 643-1825

MONTH NOVEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	582
2	172
3	0
4	0
5	709
6	790
7	791
8	790
9	338
10	789
11	790
12	790
13	788
14	788
15	790
16	790

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	790
18	790
19	788
20	790
21	789
22	788
23	746
24	871
25	787
26	787
27	788
28	828
29	789
30	787
31	N/A

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.

MAJOR MAINTENANCE

1. Repair of Main Feed Reg. Valves (FCV-FW-498, -488, and -478).
2. Repair of diaphragm on Heater Drain Tank Level Control Valve (LCV-SD-106B).
3. Overhaul of charging High Head Pump (CH-P-1C).
4. Tube shooting of Primary Plant Component Cooling Heat Exchanger (CC-E-1C).
5. Repack of Heater Drain Pump (SD-P-1A).



Duquesne Light

Nuclear Group
P.O. Box 4
Shippingport, PA 15077-0004

Telephone (412) 393-6000

December 9, 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 November, 1985.

Very truly yours,

J. J. Carey
J. J. Carey/JPS
Vice President
Nuclear Group

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Enclosures

cc: NRC Regional Office
King of Prussia, PA

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