

# OPERATING DATA REPORT

DOCKET NO. 50-334  
 DATE 4/8/85  
 COMPLETED BY P.A. Smith  
 TELEPHONE 412-643-1825

## OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: March 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	744	2160	78,168
12. Number Of Hours Reactor Was Critical	744	2071	39,426.7
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	685.8	1941.4	38,024.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,567,714	4,294,172	87,692,685.6
17. Gross Electrical Energy Generated (MWH)	503,000	1,383,000	27,877,400
18. Net Electrical Energy Generated (MWH)	471,220	1,286,360	25,911,203
19. Unit Service Factor	92.2	89.9	50.9
20. Unit Availability Factor	92.2	89.9	50.9
21. Unit Capacity Factor (Using MDC Net)	78.2	73.5	44.4
22. Unit Capacity Factor (Using DER Net)	75.9	71.3	43.0
23. Unit Forced Outage Rate	7.8	6.2	26.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

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 11/77

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334

UNIT BVPS Unit #1

DATE April 8, 1985

COMPLETED BY P. A. Smith

TELEPHONE (412) 643-1825

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	458
2	0
3	0
4	295
5	498
6	418
7	500
8	581
9	788
10	788
11	745
12	746
13	745
14	746
15	746
16	746

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	745
18	540
19	378
20	625
21	667
22	791
23	791
24	790
25	790
26	790
27	830
28	787
29	788
30	790
31	790

## 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 March 1985

DOCKET NO. 50-334

UNIT NAME BVPS Unit #1

DATE April 8, 1985

COMPLETED BY P.A. Smith

TELEPHONE 412-643-1825

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
14	850301	F	0	A	4	N/A	HC	HTEXCH	Power was held at a reduced level as testing for leaking condenser tubes continued.
15	850301	F	58.2	A	1	N/A	HC	HTEXCH	At 1515 hrs. on the 1st commenced plant shutdown due to condenser tube leaks. The Station entered Mode 2 at 2043 hrs. on the 1st.  "B" Condenser Waterbox was isolated and the Station was back on-line at a reduced power level, at 0656 hrs. on the 4th.
16	850304	F	0	A	5	N/A	HC	HTEXCH	Power was held at a reduced level as testing for leaking condenser tubes continued.  Eddy Current testing and subsequent tube plugging was completed at 1939 hrs. on the 21st.

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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April 8, 1985

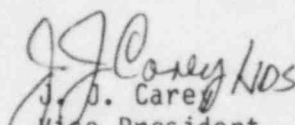
Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
Monthly Operating Report

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 March, 1985.

Very truly yours,

  
J. D. Carey  
Vice President  
Nuclear Group

rw

Enclosures

cc: NRC Regional Office  
King of Prussia, PA

IE2A  
1/1

NARRATIVE SUMMARY OF  
MONTHLY OPERATING EXPERIENCE

March 1985

March 1 through March 3	Began a power reduction from approximately 83 percent to Mode 2 at 1515 hours, on the 1st, due to condenser tube leaks. The Station entered Mode 2 at 2043 hours on the 1st.
March 4 through March 20	At 0614 hours on the 4th, the Unit entered Mode 1 and the Main Unit Generator was synched to the grid at 0656 hours on the 4th. The Unit then operated at a reduced power level as all four condenser waterboxes were individually inspected and repaired
March 21 through March 22	Inspection and repairs on the condenser were completed at 1939 hours on the 21st. Administrative power limitations were removed at 0820 hours on the 22nd and the Unit reached a nominal 100 percent at 1037 hours on the 22nd.
March 23 through March 31	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.

MAJOR MAINTENANCE - MARCH 1985

1. Eddy current and leak test Main Unit Condenser tubes.
2. Retube Component Cooling Water Heat Exchanger [CC-E-1A]
3. Replace bearings on Supplemental Leak Collection and Release System Fan [VS-F-4A]
4. Install vibration support and replace pump seal on charging pump [CH-P-1B]