

NARRATIVE SUMMARY OF  
MONTHLY OPERATING EXPERIENCE

DECEMBER 1985

December 1  
through  
December 14

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.

December 15

At 1200 hours Rod Position Indicator (RPI) C-9 had a greater than 12-Step deviation from the Group Demand Counter. The indicator was declared out-of-service until 1551 hours at which time trouble shooting was complete and C-9's RPI was within 12-Steps of the Group Demand Counter. Plant power output remained at a nominal 100 percent throughout the day.

December 16  
through  
December 31

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 1/7/86  
 COMPLETED BY Paul A. Smith  
 TELEPHONE 412-643-825

## OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: December 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	744.0	8,760.0	84,768.0
12. Number Of Hours Reactor Was Critical	744.0	8,245.3	45,601.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	4,482.8
14. Hours Generator On-Line	744.0	8,051.9	44,134.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,951,848.0	19,624,917.1	103,023,431.1
17. Gross Electrical Energy Generated (MWH)	634,000.0	6,287,000.0	32,781,400.0
18. Net Electrical Energy Generated (MWH)	599,820.0	5,901,460.0	30,526,303.0
19. Unit Service Factor	100.0	91.9	54.5
20. Unit Availability Factor	100.0	91.9	54.5
21. Unit Capacity Factor (Using MDC Net)	99.5	83.2	48.0
22. Unit Capacity Factor (Using DER Net)	96.6	80.7	46.6
23. Unit Forced Outage Rate	0.0	7.1	23.9

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

Fifth Refueling, May 19, 1986 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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334

UNIT BVPS Unit #1

DATE 1/7/86

COMPLETED BY P.A. Smith

TELEPHONE (412) 643-1825

MONTH DECEMBER 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>829</u>
2	<u>787</u>
3	<u>829</u>
4	<u>788</u>
5	<u>787</u>
6	<u>829</u>
7	<u>787</u>
8	<u>829</u>
9	<u>787</u>
10	<u>788</u>
11	<u>828</u>
12	<u>788</u>
13	<u>828</u>
14	<u>788</u>
15	<u>830</u>
16	<u>786</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>829</u>
18	<u>788</u>
19	<u>791</u>
20	<u>830</u>
21	<u>829</u>
22	<u>786</u>
23	<u>787</u>
24	<u>829</u>
25	<u>789</u>
26	<u>829</u>
27	<u>788</u>
28	<u>826</u>
29	<u>787</u>
30	<u>788</u>
31	<u>828</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.



## MAJOR MAINTENANCE

1. Tube shooting of Primary Plant Component Cooling Water Heat Exchangers (CC-E-1A & 1B).
2. Maintenance of Diesel Driven Air Compressor (EE-C-1A).
3. Maintenance of Rod Drive Motor Generator (RD-MG-01).



**Duquesne Light**

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P.O. Box 4  
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Telephone (412) 393-6000

January 7, 1986

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 December, 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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