

# OPERATING DATA REPORT

DOCKET NO. 50-334  
 DATE July 5, 1983  
 COMPLETED BY J. L. Holtz  
 TELEPHONE 412-643-1369

## OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: June, 1983
3. Licensed Thermal Power (MWt): 2660
4. Nameplate Rating (Gross MWe): 923
5. Design Electrical Rating (Net MWe): 852
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	4,343	62,807
12. Number Of Hours Reactor Was Critical	241.17	3,718.9	23,536.4
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	239.4	3,708.2	27,508.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	585,214.2	9,476,648.8	61,986,830.2
17. Gross Electrical Energy Generated (MWH)	191,900	3,091,400	19,604,040
18. Net Electrical Energy Generated (MWH)	173,927	2,946,909	18,159,026
19. Unit Service Factor	33.3	85.4	45.9
20. Unit Availability Factor	33.3	85.4	45.9
21. Unit Capacity Factor (Using MDC Net)	30.7	83.8	39.3
22. Unit Capacity Factor (Using DER Net)	29.2	79.6	37.3
23. Unit Forced Outage Rate	0	0	32.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Shutdown for 3rd Refueling on June 10, 1983. Projected duration is 88 days.

25. If Shut Down At End Of Report Period, Estimated Date of Start-up: September 6, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334  
 UNIT BVPS Unit #1  
 DATE July 5, 1983  
 COMPLETED BY J. L. Holtz  
 TELEPHONE 412-643-1369

MONTH June, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>763</u>
2	<u>776</u>
3	<u>784</u>
4	<u>768</u>
5	<u>768</u>
6	<u>763</u>
7	<u>780</u>
8	<u>776</u>
9	<u>755</u>
10	<u>697</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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 June, 1983

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE July 5, 1983  
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 TELEPHONE 412-643-1369

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
5	06/10/83	S	480.6	C	1	N/A	ZZ	ZZZZZZ	Shutdown for 3rd refueling and major modifications outage.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

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

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

<sup>5</sup>  
 Exhibit I - Same Source

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - JUNE, 1983

June 1 through June 10	The station was in Operational Mode 1 with the reactor coolant system at normal operating temperature and pressure. On the 1st, reactor power was escalated following repair of the "C" Main Feedwater Regulating Valve [FCV-1FW-498], which was completed on May 31. Reactor power was taken to 95 percent at 0530 hours and held steady. This power level was maintained until the 10th at 2115 hours when a load reduction was commenced to take the station off-line for refueling. At 2324 hours, the Main Unit Generator output breakers were opened, and the turbine was tripped at 2326 hours.
June 11	At 0110 hours, the station entered Operational Mode 3, hot standby.
June 12 through June 24	At 0410 hours on the 12th, the station entered Mode 4. At 1213 hours on the 12th, Cold Shutdown Mode 5 was entered in preparation for the plant's 3rd Refueling.
June 25 through June 30	At 2106 hours on the 25th, detensioning of the reactor vessel head commenced, and Mode 6 was entered. Station remained in Mode 6 through June 30th.

MAJOR SAFETY-RELATED MAINTENANCE - JUNE, 1983

1. The "A" Residual Heat Removal Pump [1RH-P-1A] mechanical seal repair was completed.
2. The "C" Reactor Coolant Pump [RC-P-1C] seal work is currently in progress.



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July 5, 1983

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

United States 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 June, 1983.

Very truly yours,

J. J. Carey  
Vice President  
Nuclear Division

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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11