

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - SEPTEMBER, 1984

September 1 through September 6 The station was in operational mode 1 with reactor power a nominal 100%. The reactor coolant system was at normal operating temperature and pressure.

September 7 The 1A heater drain pump was started at 1310 hours following repacking. The pump tripped at 1429 hours on low heater drain tank level due to tank low level control valve, LCV-SD-106B, failing open. A ruptured diaphragm was the cause. The loss of the heater drain pump caused the 1B main feedwater pump to begin vibrating. The feedwater pump was shutdown at 1450 hours and reactor power was stabilized at 58%. The pump was restarted at 1925 hours and reactor power was increased to 100%.

September 8 Permission was received at 0140 hours from the DLCo. system operator to reduce station load to 60% in order to remove the 1B main feedwater pump from service. A seal water line to the pump was leaking. Repairs were made and the pump was restarted at 1010 hours. Station load was being increased when the seal water line to the 1B main feedwater pump again began leaking. Station load was reduced to 60% reactor power. FW-P-1B was shutdown for repairs due to continued high vibration.

September 9 through September 16 Repairs were being made to FW-P-1B. The pump was started and shutdown several times during the troubleshooting. The repairs were completed at approximately 1100 hours on the 16th and the pump was started at 1206 hours. Reactor power ascension began at 1252 with holds at 5% increments for vibration readings on the 1B main feedwater pump. Reactor power reached 100% at approximately 1830 hours.

September 17 through September 28 The station was in operational mode 1 with reactor power a nominal 100%.

September 29 The station experienced a 50 MWe load rejection at 0900 hours when reheater steam supply valves FCV-MS-100A and C tripped shut. The valves were opened at 0938 hours using the local manual override. Reactor power was increased to 100%.

September 30 The station was in operational mode 1 with reactor power a nominal 100%.

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MAJOR MAINTENANCE - SEPTEMBER, 1984

1. Replaced entire rotating assembly in FW-P-1B.
2. Repaired SD-P-1A.
3. Repaired SD-P-1B.
4. Repaired ruptured diaphragm on LCV-SD-106B.

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE 10-11-84
 COMPLETED BY J. L. Holtz
 TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
 2. Reporting Period: September, 1984
 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	6,575	73,799
12. Number Of Hours Reactor Was Critical	720	6,221.3	37,100.7
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	720	6,049.1	35,827.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,674,388	15,150,170	82,739,709
17. Gross Electrical Energy Generated (MWH)	526,000	4,855,500	26,284,400
18. Net Electrical Energy Generated (MWH)	491,190	4,553,825	24,442,713
19. Unit Service Factor	100.0	92.0	51.0
20. Unit Availability Factor	100.0	92.0	51.0
21. Unit Capacity Factor (Using MDC Net)	84.2	85.5	44.6
22. Unit Capacity Factor (Using DER Net)	81.7	82.9	43.2
23. Unit Forced Outage Rate	0	3.1	27.2

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

Scheduled shutdown: October 13 for 4th refueling

Scheduled duration: 86 days

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

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
 UNIT BVPS Unit #1
 DATE Oct. 11, 198
 COMPLETED BY J. L. Holtz
 TELEPHONE (412) 643-13

MONTH September

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	784
2	784
3	743
4	783
5	784
6	784
7	701
8	620
9	413
10	414
11	455
12	414
13	414
14	456
15	415
16	620

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	783
18	784
19	783
20	741
21	784
22	742
23	783
24	783
25	742
26	783
27	784
28	824
29	784
30	784
31	

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.



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

October 11, 1984

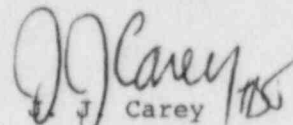
Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Monthly Operating Report

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 September, 1984.

Very truly yours,


J. Carey
Vice President
Nuclear Group

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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