OPERATING DATA REPORT

DOCKET NO. 50-334
DATE July 5, 1984
COMPLETED BY J. L. Holtz
TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: June 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	4,367	71,591
12. Number Of Hours Reactor Was Critical	650.2	4,085.7	34,965.1
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	647.7	3,917.3	33,696.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,533,814	9,788,720.2	77,378,258.7
17. Gross Electrical Energy Generated (MWH)	482,000	3,174,500	24,603,400
18. Net Electrical Energy Generated (MWH)	448,730	2,979,465	22,868,353
19. Unit Service Factor	90.0	89.7	49.4
20. Unit Availability Factor	90.0	89.7	49.4
21. Unit Capacity Factor (Using MDC Net)	76.9	84.2	43.0
22. Unit Capacity Factor (Using DER Net)	74.6	81.7	41.7
23. Unit Forced Outage Rate	0	2.9	28.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled shutdown in October for 4th refueling.

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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-334
UNIT NAME BVPS Unit #1
DATE July 5, 1984
COMPLETED BY J. L. Holtz
TELEPHONE (412) 643-1369

REPORT MONTH JUNE

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
8	6/8-11/84	S	72.3	B	1	N/A	CH	PUMPXX	The station was shutdown at 1848 hours on the 8th for seal replacement on the 1A main feedwater pump. Various other maintenance was performed during the shutdown. Repairs were made and the main unit generator output breakers were closed at 1908 hours on the 11th.

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

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
UNIT BVPS Unit #1
DATE July 5, 1984
COMPLETED BY J. L. Holtz
TELEPHONE (412) 643-1369

MONTH JUNE

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	742	17	784
2	418	18	741
3	458	19	783
4	457	20	783
5	500	21	784
6	496	22	742
7	456	23	785
8	333	24	783
9	0	25	783
10	0	26	784
11	91	27	784
12	742	28	783
13	784	29	785
14	784	30	824
15	783	31	
16	784		

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.

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NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - JUNE, 1984

June 1

The station was in operational mode 1 with reactor power a nominal 100%. At 2041 hours, reactor power was reduced to 60% to allow the 1A main feedwater pump to be taken out of service for seal replacement.

June 2 through June 9

The station operated at 60% power during this period while the 1A main feedwater pump was out of service. Each of the main condenser waterboxes was inspected for tube leakage and other maintenance was carried out. Work was unable to be done on the main feedwater pump due to a leaking valve which prevented the pump's isolation from the system. This necessitated plant cooldown to operational mode 3 in order to repair the pump's seals. At 1735 hours on the 8th, a reduction in reactor power was begun. The station entered mode 3 at 1920 hours.

During the shutdown, the main steam trip valves were stroke tested due to questions of using steam flow to assist in the test method. The valves stroke tested unsatisfactorily without steam. A design change was initiated to make the valves testable under all conditions. It was judged that this required the station to enter operational mode 4 to comply with the Station Technical Specifications. Entry to mode 4 occurred at 1710 hours on the 9th.

June 10 through June 11

The station was in operational mode 4, hot shutdown, pending repairs to the 1A main feedwater pump, the 1C main feedwater regulating valve and the main steam trip valves. Repairs were completed by 0000 hours on the 11th and plant heatup began. Mode 3 was entered at 0055 hours. After completion of the necessary surveillance tests, the reactor was taken critical at 1700 hours. The main unit generator was synchronized to the grid at 1908 hours.

June 12 through June 30

The station reached a nominal 100% reactor power at 0330 hours on the 12th and continued to operate at 100% power through the end of the month.

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MAJOP MAINTENANCE - JUNE, 1984

1. Replaced inboard seal on main feedwater pump, FW-P-1A.

2. Repacked heater drain pump, SD-P-1A.

3. Repaired actuator on 'C' main feedwater regulating valve, FCV-FW-498.

4. Adjusted the main steam trip valves, TV-MS-101A, B, C to permit testing by alternate methods.

5. Component cooling water heat exchangers 1B and 1C were inspected and leaking tubes plugged.

6. Began overhaul on component cooling water pump, CC-P-1A.

Duquesne Light

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

July 5, 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 June, 1984.

Very truly yours,

J. J. Carey
Vice President
Nuclear Group

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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