NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - AUGUST, 1984

August 1 through August 22 — The station was in operational mode 1 with reactor power a nominal 100%. The reactor coolant system was at normal operating temperature and pressure.

August 23 — At 0606 hours, the fluid pressure in the main turbine's electro-hydraulic control system dropped to 1200 psig, down from a normal operating range of 1800 - 2100 psig. The second EHC pump started and returned system pressure to normal, but did not cycle as it should have. A reduction in reactor power was begun in anticipation of an EH system failure. Power was dropped to 40% and held.

Troubleshooting of the system revealed that a flow restricting orifice to the EH system clean up filters had blown out, thereby allowing an inordinate amount of flow to be recirculated to the EH reservoir. The filters were isolated and the system returned to normal operation. A reactor power increase was started at 0823 hours. 100% reactor power was reached at 2400 hours.

August 24 through August 31 — The station was in operational mode 1 with reactor power a nominal 100%. The reactor coolant system was at normal operating temperature and pressure.

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OPERATING DATA REPORT

DOCKET NO. 50-334
DATE 9-6-84
COMPLETED BY J. L. Holtz
TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: August, 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	744	5,855	73,079
12. Number Of Hours Reactor Was Critical	744	5,501.3	36,380.7
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	744	5,329.1	35,107.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,949,986	13,475,782	81,065,321
17. Gross Electrical Energy Generated (MWH)	610,000	4,329,500	25,758,400
18. Net Electrical Energy Generated (MWH)	573,090	4,062,635	23,951,523
19. Unit Service Factor	100.0	91.0	50.4
20. Unit Availability Factor	100.0	91.0	50.4
21. Unit Capacity Factor (Using MDC Net)	95.1	85.7	44.1
22. Unit Capacity Factor (Using DER Net)	92.2	83.1	42.8
23. Unit Forced Outage Rate	0	3.5	27.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled shutdown - October 13 for 4th Refueling
Scheduled duration is 73 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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

MAJOR MAINTENANCE - AUGUST, 1984

1. Repaired leak on 1A motor driven auxiliary feedwater pump.

2. The orifice to the clean up filters of the turbine EHC system was replaced.

3. Continued leak repair on component cooling water heat exchanger, CC-E-1B.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
UNIT BVPS Unit #1
DATE 9-6-84
COMPLETED BY J. L. Holtz
TELEPHONE (412) 643-1369

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	784	17	781
2	742	18	783
3	783	19	784
4	784	20	784
5	784	21	784
6	743	22	783
7	784	23	702
8	783	24	783
9	742	25	784
10	743	26	784
11	784	27	783
12	783	28	742
13	742	29	784
14	783	30	742
15	785	31	784
16	742		

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.

(9/77)

Duquesne Light

Nuclear Division
P.O. Box 4
Shippingport, PA 15077-0004

Telephone (412) 393-6000

September 6, 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 August, 1984.

Very truly yours,

Robert H. Balcerak for

J. J. Carey
Vice President
Nuclear Group

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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