

DUQUESNE LIGHT COMPANY
Beaver Valley Power Station

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - NOVEMBER 1982

November 1 At 0430 hours, isolation of the D section of the main condenser was begun for tube inspection and plugging. At 0535 hours, upon request of the system operator, the load was increased to about 820 MWe and a nominal 100% reactor power. The vacuum on the main condenser deteriorated continuously following the isolation of the D waterbox, thus causing a drop in the main unit generator output to 740 MWe at 1206 hours. At 1300 hours, the D waterbox was returned to service. Generator output was increased to 820 MWe at 1600 hours.

November 2 Station was in Operational Mode 1 with reactor power at a
through nominal 100% and the Reactor Coolant System at normal oper-
November 26 ating temperature and pressure.

November 27 With the station in Operational Mode 1 and the reactor at a
through nominal 100% power, the following load changes took place at
November 29 the request of the system operator: at 0000 hours on the 27th the load was decreased by 150 MWe to about 700 MWe and 82% reactor power; at 0700 hours on the 27th, the load was increased to 870 MWe and a nominal 100% reactor power; at 0000 hours on the 28th, the load was decreased 100 MWe to approximately 770 MWe and 87% reactor power; at 0800 hours on the 28th, the load was increased to 870 MWe with reactor power at a nominal 100%; at 0000 hours on the 29th, the load was reduced by 150 MWe to about 705 MWe and 79% reactor power; at 0530 hours on the 29th, the reactor was returned to a nominal 100% power.

November 30 Station was in Operational Mode 1 with reactor power at a nominal 100% and Reactor Coolant System at normal operating temperature and pressure.

DUQUESNE LIGHT COMPANY
Beaver Valley Power Station

MAJOR SAFETY-RELATED MAINTENANCE - NOVEMBER 1982

There was no major safety-related maintenance performed during November.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334

UNIT BVPS Unit #1

DATE December 8, 1982

COMPLETED BY J. L. Holtz

TELEPHONE 412-543-1369

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>751</u>
2	<u>789</u>
3	<u>810</u>
4	<u>818</u>
5	<u>815</u>
6	<u>813</u>
7	<u>809</u>
8	<u>808</u>
9	<u>814</u>
10	<u>818</u>
11	<u>810</u>
12	<u>810</u>
13	<u>822</u>
14	<u>810</u>
15	<u>822</u>
16	<u>813</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>818</u>
18	<u>814</u>
19	<u>822</u>
20	<u>822</u>
21	<u>814</u>
22	<u>822</u>
23	<u>814</u>
24	<u>830</u>
25	<u>818</u>
26	<u>821</u>
27	<u>776</u>
28	<u>786</u>
29	<u>776</u>
30	<u>792</u>
31	<u></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.

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE 12-8-82
 COMPLETED BY J. L. Holtz
 TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: November, 1982
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	8,016	57,720
12. Number Of Hours Reactor Was Critical	720	3,014.2	24,073.5
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	720	2,902.1	23,056.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,868,403.0	7,070,409.7	50,699,350
17. Gross Electrical Energy Generated (MWH)	608,700	2,270,900	15,921,340
18. Net Electrical Energy Generated (MWH)	583,631	2,124,775	14,619,351
19. Unit Service Factor	100.0	36.2	42.2
20. Unit Availability Factor	100.0	36.2	42.2
21. Unit Capacity Factor (Using MDC Net)	100.1	32.7	34.5
22. Unit Capacity Factor (Using DER Net)	95.1	31.1	32.8
23. Unit Forced Outage Rate	0	6.7	37.0

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

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
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

N/A

N/A

N/A

N/A

N/A

N/A