

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE 4-2-82
 COMPLETED BY L. W. Weaver
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OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: March, 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	744	2,160	43,105
12. Number Of Hours Reactor Was Critical	0	0	18,098.42
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	0	0	20,154.06
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	43,628,940.48
17. Gross Electrical Energy Generated (MWH)	0	0	13,650,440
18. Net Electrical Energy Generated (MWH)	-3,143	-11,664	11,541,610
19. Unit Service Factor	0	0	40.5
20. Unit Availability Factor	0	0	40.5
21. Unit Capacity Factor (Using MDC Net)	0	0	33.1
22. Unit Capacity Factor (Using DER Net)	0	0	31.4
23. Unit Forced Outage Rate	0	0	40.2

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

Refueling Outage 12/28/81, 20 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 21, 1982

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

N/A

N/A

N/A

N/A

N/A

N/A

DUQUESNE LIGHT COMPANY
Beaver Valley Power Station

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE-MARCH, 1982

March 1 Station is in cold shut down Mode 5 for major modifications
through and 2nd refueling outage. Reactor Coolant System Tavg. and
March 19 pressure are at ambient conditions.

March 20 At 0845 hours on the 20th, maintenance began to de-tension
through the reactor vessel head studs. Entry was made into refueling
March 24 Mode 6 at approximately 1300 hours on the 20th.

March 25 At 1040 hours on the 25th the Reactor Vessel Head was removed
through and transfered to the Head Support Stand. At 0300 hours on
March 29 the 27th, because of excessive seal leakage, the Head had to
be transfered back to the Vessel until necessary repairs could
be made to reduce seal leakage.

March 30 At 2235 hours the Reactor Vessel Head was again removed and
transfered to the Head Support Stand.

March 31 At 1023 hours the upper internals package was lifted from
the reactor vessel and placed in the reactor cavity pit stand
and defueling commenced. Reactor Coolant System Tavg and
pressure are at ambient conditions.

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MAJOR SAFETY-RELATED MAINTENANCE - MARCH, 1982

1. The Pressurizer Power Operated Relief Block Valves [MOV-RC-535, 536 and 537] were inspected and the seats found cracked on two (2) of the valves. It is planned to replace the valves.
2. The Pressurizer Power Operated Relief Valves [PCV-RC-455C, 455D and 456] actuator springs are being replaced because necessary preloading can no longer be achieved.
3. Modification work on Steam Generators [RC-E-1A, 1B and 1C] blowdown lines, to provide automatic isolation in case of line rupture, is in progress.
4. Modification work on Reactor Coolant Pump [RC-P-1C], for oil spill protection, is in progress.
5. Work on 3-inch and 6-inch Velan check valves, to change discs, is in progress. Eight (8) out of ten (10) 3-inch valves and ten (10) out of fourteen (14) 6-inch valves have had discs changed. The remainder are to be changed by the end of the outage.
6. Modification work to install a second Personnel Airlock on the Equipment Hatch is in progress.
7. Motor bearings on Component Cooling Pump [CCR-P-1C] were sent out to be remachined.
8. Overhaul work on Main Feedwater Pumps [FW-P-1A and 1B] is in progress.
9. Major modifications to the Emergency Diesel Generator [EE-EG-1] turbo charger and the lube oil system have been completed. The same modifications are in progress on Emergency Diesel Generator [EE-EG-2].

NOTE: Other modifications, required by the Nuclear Regulatory Commission, are performed or in progress during March, 1982.