

Narrative Summary of Monthly Operating Experience - April 1980

April 1 Station in Operational Mode 5 with the reactor coolant
through system at atmospheric pressure and approximately 100F.
April 30

Major Safety Related Maintenance - April 1980

Beaver Valley Power Station Unit No. 1 is presently shut down for major modifications. Modifications are performed as construction activities. The following major modifications were performed or in progress during April 1980.

1. Testing, seal replacement and reinstallation of Bergen-Patterson large bore snubbers.
2. Removal and testing of Grinnel small bore snubbers.
3. Reinstallation of the quench spray pumps, which have been modified by the pump vendor to increase the flow capacity.
4. Modification of the refueling water storage tank to provide additional quench spray capacity and to add instrumentation required for the automatic change-over from injection mode to recirculation mode after a LOCA.
5. Inspection, modification and reassembly of the low head safety injection pumps.
6. Inspection and reassembly of the inside recirculation spray pumps.
7. Inspection and modification, on a continual basis, as required, of pipe hangers, supports and base plates.
8. Modifications to increase the auxiliary feedwater pumps minimum recirculation flow and to install check valves in the redundant discharge headers.
9. Inspection and installation of the Unit 2 low pressure turbine rotors into the Unit 1 main turbine.
10. Installation of rebuilt main unit generator Main Transformer and the ID Unit Station Service Transformer.

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE May 2, 1980
 COMPLETED BY D. R. Timko
 TELEPHONE 412-643-5308

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: April, 1980
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): 845
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	719	2,903	35,063
12. Number Of Hours Reactor Was Critical	0	0	13,744.71
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	0	0	13,105.07
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	26,974,253.33
17. Gross Electrical Energy Generated (MWH)	0	0	8,277,940
18. Net Electrical Energy Generated (MWH)	0	0	7,570,743
19. Unit Service Factor	0	0	39.6
20. Unit Availability Factor	0	0	39.6
21. Unit Capacity Factor (Using MDC Net)	0	0	31.0
22. Unit Capacity Factor (Using DER Net)	0	0	29.5
23. Unit Forced Outage Rate	0	0	46.4

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

Major Modifications Outage (December, 1979 through July, 1980)

25. If Shut Down At End Of Report Period, Estimated Date of Startup: July 22, 1980

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 May 2, 1980
 COMPLETED BY D. R. Timko
 TELEPHONE 412-643-5308

MONTH April, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	-
16	0		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE May 2, 1980
 COMPLETED BY D. R. Timko
 TELEPHONE 412-643-

REPORT MONTH April, 1980

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
1	010180	S	2903	H	1	N/A	ZZ	ZZZZZZ	Unit shutdown for major modifications as required by the Nuclear Regulatory Commission, including NRC Bulletins IEB 79-02 and 79-14.

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-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

⁵
 Exhibit I - Same Source

POOR ORIGINAL