

OPERATING DATA REPORT

DOCKET NO. 50-334
 DATE 9-7-83
 COMPLETED BY J. L. Holtz
 TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: August, 1983
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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	5,831	64,295
12. Number Of Hours Reactor Was Critical	0	3,718.9	28,536.4
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	0	3,708.2	27,508.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	9,476,648.8	61,986,830.2
17. Gross Electrical Energy Generated (MWH)	0	3,091,400	19,604,040
18. Net Electrical Energy Generated (MWH)	-2,848	2,941,317	18,153,434
19. Unit Service Factor	0	63.6	44.7
20. Unit Availability Factor	0	63.6	44.7
21. Unit Capacity Factor (Using MDC Net)	0	62.3	38.2
22. Unit Capacity Factor (Using DER Net)	0	60.4	37.1
23. Unit Forced Outage Rate	0	4.0	32.3

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

The station was shutdown for the 3rd refueling on June 10, 1983.

Scheduled startup is September 22, 1983.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 22, 1983

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

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(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-334
 UNIT NAME BVPS Unit #1
 DATE 9-7-83
 COMPLETED BY J. L. Holtz
 TELEPHONE 412-643-1369

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
5	06/10/83	S	1968.6	C	1	N/A	ZZ	ZZZZZZ	Shutdown for 3rd refueling and major modifications outage.

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)

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 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

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - AUGUST, 1983

August 1 through August 6 The station was in operational mode 6 except that no fuel was in the reactor vessel. The replacement of the control rod guide tube split pins was in progress. All fuel was in the spent fuel pool and all reactor coolant loops were isolated and drained. All steam generators were drained on both primary and secondary sides. The spent fuel pool cooling and purification system was controlling decay heat.

August 7 through August 13 The split pin replacement was completed on the 7th. On the 9th, the secondary side of the 1B Steam Generator was hydro tested following the completion of tube plugging. On the 10th, the 1A Reactor Coolant Loop was filled and vented, as was the 1B Loop on the 12th. Both loops were returned to service. Fuel loading began at 0204 hours on the 13th.

August 14 The station was in operational mode 6 with fuel loading in progress when a cable broke on the fuel upender at 0945 hours. The fuel transfer canal was isolated and drained to allow the upender cable to be replaced.

August 15 Following repairs to the fuel upender, the fuel transfer canal was unisolated then reflooded, and fuel loading resumed at 0615 hours.

August 16 Fuel loading was completed at 0141 hours.

August 17 through August 25 Work began on installing the upper internals in the reactor vessel. It was discovered that a fuel assembly, K-2, had been damaged while reloading the core. At 1949 hours on the 25th, movement of 67 fuel assemblies from the reactor vessel to the spent fuel pool was begun in order to inspect the damaged assembly.

 The 1C Reactor Coolant Loop was filled and vented on the 24th.

August 26 The station was in operational mode 6, refueling. At 2315 hours the movement of fuel was completed. The damaged assembly, K-2, was the last one removed from the reactor vessel.

August 27 through August 31 The station was in operational mode 6 with RCS temperature and pressure at ambient conditions. Fuel reloading was started at 0720 hours on the 31st.

MAJOR SAFETY-RELATED MAINTENANCE - AUGUST, 1983

1. The control rod guide tube split pin replacement was completed on August 7.
2. The replacement of the seals in the Bergen-Patterson snubbers is in progress.
3. The 1A Reactor Coolant Pump motor was repaired and the thrust bearings were inspected.
4. A sample eddy current inspection was done on the 1B and 1C Steam Generators.
5. Secondary side inspection of the 1A, 1B, and 1C Steam Generators.
6. The seals were replaced in the 1B Main Feedwater Pump.
7. All three containment air recirculation fan motors were overhauled.



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

Telephone (412) 393-6000

September 7, 1983

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, 1983.

Very truly yours,

J. J. Carey
Vice President
Nuclear Division

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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