

NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - OCTOBER, 1984

October 1 through October 7 The station was in operational mode 1 with reactor power a nominal 100%. The reactor coolant system was at normal operating temperature and pressure.

October 8 through October 10 The station began end-of-cycle coastdown from 98% to 95% power in preparation for scheduled refueling outage.

October 11 The station was operating at 95% power. At 1458 hours, a reactor trip occurred due to the loss of the 1B 4KV bus. The loss of the 1B 4KV Bus was attributed to excessive ground current during the performance of BVFS Unit #2 transformer back feed testing. At 1515 hours, an Unusual Event was declared due to the loss of onsite power to the 1B 4KV Bus. At 1515 hours, the station was stabilized in mode 3. At 1518 hours, the station was de-escalated from Unusual Event status.

October 12 The station was in mode 3 with the Reactor Coolant System at 2235 psig and 546°F.

October 13 Reactor Coolant System at 950 psig and 370°F. At 0300 hours, the station entered mode 4, and at 2039 hours, the station entered mode 5.

October 14 through October 31 Station in mode 5 in preparation for refueling.

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MAJOR MAINTENANCE - OCTOBER, 1984

1. 10-year Inservice Inspection of welds in Containment (Phase I)
2. Reactor Coolant Pumps [RC-P-1A, 1B, 1C] Flywheel Inspection
3. Reactor Coolant Pumps [RC-P-1A, 1B, 1C] Seal Inspection and Maintenance
4. Steam Generator Inspections:
  - RC-E-1A -- Primary and Secondary Sides
  - RC-E-1B -- Secondary Side
  - RC-E-1C -- Secondary Side
5. Retube of the Main Condenser
6. Replacement of First Point Feedwater Heaters [FW-E-1A, 1B]
7. Inspection of the Main Unit Generator

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334  
 UNIT BVPS Unit #1  
 DATE 11/8/84  
 COMPLETED BY M. V. Krein  
 TELEPHONE (412) 643-1369

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	782
2	785
3	783
4	783
5	784
6	784
7	783
8	742
9	742
10	784
11	418
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	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.

# OPERATING DATA REPORT

DOCKET NO. 50-334  
 DATE 11/8/84  
 COMPLETED BY M. V. Krein  
 TELEPHONE 412-643-1369

## OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: October, 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	745	7,320	74,544
12. Number Of Hours Reactor Was Critical	255	6,476.3	37,355.7
13. Reactor Reserve Shutdown Hours	-0-	-0-	4,482.8
14. Hours Generator On-Line	255	6,304.1	36,082.9
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	658,804.5	15,808,975	83,398,514
17. Gross Electrical Energy Generated (MWH)	210,000	5,065,500	26,494,400
18. Net Electrical Energy Generated (MWH)	193,010	4,746,835	24,635,723
19. Unit Service Factor	34.2	86.1	50.8
20. Unit Availability Factor	34.2	86.1	50.8
21. Unit Capacity Factor (Using MDC Net)	32.0	80.1	44.4
22. Unit Capacity Factor (Using DER Net)	31.0	77.7	43.1
23. Unit Forced Outage Rate	-0-	3.0	27.1

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

Plant shutdown for 4th refueling began October 11 at 1500 hours.

Scheduled duration: 86 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	<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>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. 50-334  
 UNIT NAME BVPS Unit #1  
 DATE 11/8/84  
 COMPLETED BY M. V. Krein  
 TELEPHONE (412) 643-1369

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Codes	Cause & Corrective Action to Prevent Recurrence
10	10-11-84	F	0*	B	3	84-12	EB	XXXXXXX	At 1458 hours, the reactor tripped as a result of the loss of the 1B 4KV Bus. This was caused by excessive ground current during BVPS Unit 2 transformer 42A back feed testing. The grounds were repositioned, and the BVPS Unit 1 transformer 42C shorting switch was replaced.
11	10-11-84	S	490	C	9*	N/A	ZZ	ZZZZZZZ	Station shutdown for 4th Refueling Outage.  *The station remained down after event #10 for scheduled refueling.

<sup>1</sup>  
 F- Forced  
 S- Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continued From Previous Month  
 5-Reduction  
 9-Other

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

<sup>5</sup>  
 Exhibit I - Same Source



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Telephone (412) 393-6000

November 8, 1984

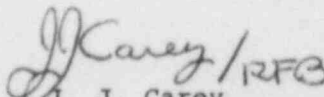
Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
Monthly Operating Report

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 October, 1984.

Very truly yours,

  
J. J. Carey  
Vice President  
Nuclear Group

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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