NARRATIVE SUMMARY OF MONTHLY OPERATING EXPERIENCE - JULY, 1984

July 1 through July 3 — The station was in operational mode 1 with reactor power a nominal 100%. The reactor coolant system was at normal operating temperature and pressure.

July 4 — The station was operating at 100% reactor power. At 2130 hours, valve TV-CC-110D, containment recirculation cooling coils outlet containment inside isolation valve, failed to the closed position. The "C" chiller unit tripped and the resultant loss of chilled water flow to the containment air recirculation fans caused the temperature in containment to rise above the maximum allowable limit of 105°F. A reduction in station load was begun at 2240 hours.

July 5 — Station load reduction was in progress. Reactor power was 53% of 0000 hours. The main unit generator output breakers were opened at 0118 hours. The station went into hot standy at 0136 hours.

A crew entered containment at 0318 hours to troubleshoot the failed valve. The problem was found to be a torn diaphragm in the operator.

July 6 — The station was off line while valve TV-CC-110D was being repaired. At 0206 hours, the station went into hot shutdown to comply with the station's technical specifications and entered cold shutdown at 1053 hours for the same reason.

Valve TV-CC-110D was declared operable at 2052 hours. Containment temperature was 102.012°F at 2128 hours.

July 7 — Heatup of the reactor coolant system was begun in preparation for station startup.

The station went into hot standby at 1253 hours.

July 8 — Reactor startup was begun at 0128 hours. The reactor was taken critical at 0157 hours and the main unit generator was synched to the grid at 0529 hours. After a one-half hour control rod soak at 5% reactor power, power was increased to 25% and held for delta flux considerations. The reactor power increase was resumed at 0636 hours. The station reached 100% reactor power at 1730 hours.

July 9 through July 31 — The station operated at a nominal 100% reactor power. The reactor coolant system was at normal operating temperature and pressure.

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1/1

MAJOR MAINTENANCE - JULY, 1984

1. TV-CC-110D, containment recirculation cooling coils outlet containment isolation valve, had torn diaphragm replaced.

2. Repaired cracked strut bearing on CT-P-1C, cooling tower pump.

3. RM-MS-494, 1C steam generator steam flow monitoring channel, repaired.

4. Completed overhaul on component cooling water pump CC-P-1A.

OPERATING DATA REPORT

DOCKET NO. 50-334
DATE August 6, 1984
COMPLETED BY J. L. Holtz
TELEPHONE 412-643-1369

OPERATING STATUS

1. Unit Name: Beaver Valley Power Station, Unit #1
2. Reporting Period: 84/07/01 - 84/07/31
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	744	5,111	72,335
12. Number Of Hours Reactor Was Critical	671.6	4,757.3	35,636.7
13. Reactor Reserve Shutdown Hours	0	0	4,482.8
14. Hours Generator On-Line	667.8	4,585.1	34,363.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,737,076	11,525,796	79,115,334.7
17. Gross Electrical Energy Generated (MWH)	545,000	3,719,500	25,148,400
18. Net Electrical Energy Generated (MWH)	510,080	3,489,545	23,378,433
19. Unit Service Factor	89.8	89.7	49.8
20. Unit Availability Factor	89.8	89.7	49.8
21. Unit Capacity Factor (Using MDC Net)	84.6	84.2	43.5
22. Unit Capacity Factor (Using DER Net)	82.1	81.8	42.2
23. Unit Forced Outage Rate	10.2	4.1	28.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled shutdown in October for 4th refueling.

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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
UNIT BVPS Unit #1
DATE August 6, 1984
COMPLETED BY J. L. Holtz
TELEPHONE (412) 643-1369

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	784	17	784
2	742	18	783
3	783	19	742
4	742	20	783
5	17	21	783
6	0	22	783
7	0	23	742
8	415	24	783
9	825	25	784
10	742	26	784
11	783	27	784
12	742	28	783
13	783	29	784
14	742	30	783
15	783	31	742
16	783		

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH _____

DOCKET NO. 50-334
UNIT NAME BVPS Unit #1
DATE August 6, 1984
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 Codes[5]	Cause & Corrective Action to Prevent Recurrence
9	7/5 - 8/84	F	76.2	A	1	N/A	AA	VALVOP	At 2130 hours on the 5th, valve TV-CC-110D, containment recirc. cooling coil outlet containment isolation valve, failed shut due to a torn diaphragm in the valve operator. The resultant loss of cooling water to the containment air recirc. fans caused the containment temperature to rise above its tech. spec. limit of 105°F. The plant was brought down into cold shutdown while repairs were made. The valve was declared operable at 2052 hours on the 6th and station heatup was begun soon afterward. The reactor was taken critical at 0157 hours on the 8th. The main unit generator output breakers were closed at 0529 hours on the same day.

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-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

(9/77)

Duquesne Light

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

Telephone (412) 393-6000

August 6, 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 July, 1984.

Very truly yours,

J. J. Carey
Vice President
Nuclear Group

Enclosures

cc: NRC Regional Office, King of Prussia, PA

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