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June 8, 1992

Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

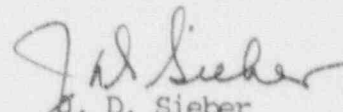
U. S. Nuclear Regulatory Commission
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Gentlemen:

In accordance with Appendix A, Technical Specifications, the Monthly Operating Report is submitted for Unit 1 and Unit 2 for the month of May, 1992.

The "Unit Shutdowns and Power Reductions" sheet for Unit 2 inadvertently listed the report month as "March 1992" in the April 1992 Monthly Operating Report. Attached is a corrected sheet.

Very truly yours,


J. D. Sieber
Vice President
Nuclear Group

DTJ/lmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

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NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

MAY 1992

May 1 through May 14 The Unit operated at a nominal value of 100% output.

May 15 At 2100 hours the Unit commenced a scheduled load reduction to approximately 30% output to permit work on the Main Feedwater Regulating Valves.

May 16 At 0215 hours the Unit achieved approximately 30% output.

May 17 The Unit continued to operate at approximately 30% output to permit work on the Main Feedwater Regulating Valves. At 0115 hours, shutdown bank control rod G-3 was declared inoperable due to rod position indication and primary voltage readings indicating greater than the Technical Specification 3.1.3.1 limit of 12 steps. Following re-calibration of control rod G-3 rod position indication, the shutdown bank was returned to operable status at 0750 hours. Following completion of work on the Main Feedwater Regulating Valves, power escalation to a nominal value of 100% output was commenced at 1800 hours.

May 18 The Unit achieved 100% output at 0800 hours.

May 19 through May 31 The Unit operated at a nominal value of 100% output.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
 UNIT BVPS Unit 1
 DATE June 3, 1992
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7612

MONTH MAY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>817</u>	17	<u>204</u>
2	<u>800</u>	18	<u>788</u>
3	<u>813</u>	19	<u>813</u>
4	<u>813</u>	20	<u>817</u>
5	<u>821</u>	21	<u>808</u>
6	<u>808</u>	22	<u>817</u>
7	<u>813</u>	23	<u>808</u>
8	<u>817</u>	24	<u>821</u>
9	<u>808</u>	25	<u>821</u>
10	<u>808</u>	26	<u>821</u>
11	<u>808</u>	27	<u>821</u>
12	<u>800</u>	28	<u>821</u>
13	<u>804</u>	29	<u>817</u>
14	<u>813</u>	30	<u>821</u>
15	<u>792</u>	31	<u>821</u>
16	<u>167</u>		

INSTRUCTIONS:

On this format, list the average daily unit power level MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 06/02/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: MAY 1992
3. LICENSED THERMAL POWER (MWt): 2652
4. NAMEPLATE RATING (Gross MWe): 923
5. DESIGN ELECTRICAL RATING (Net MWe): 835
6. MAX. DEPENDABLE CAPACITY (Gross MWe): 860
7. MAX. DEPENDABLE CAPACITY (Net MWe): 810

Notes

8. IF CHANGES OCCUR IN CAPACITY RATINGS SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (Net MWe): None
 10. REASONS FOR RESTRICTIONS, IF ANY: N/A
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	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744.0	3647.0	140999.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	3647.0	88970.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	3647.0	87078.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1878892.0	9475815.0	207987991.5
17. GROSS ELECT. ENERGY GEN. (MWH):	609410.0	3110660.0	66909063.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	573990.0	2936500.0	62504050.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	63.8
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	63.8
21. UNIT CAPACITY FACTOR (MDC): PCT	95.2	99.4	57.4
22. UNIT CAPACITY FACTOR (DER): PCT	92.4	96.4	55.7
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	16.1

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):

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 ($\geq 20\%$)

Docket No. 50-334
 Unit Name BVPS Unit #1
 Date June 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

REPORT MONTH MAY 1992

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
3	920515	S	0	B	5	N/A	CH	V_VEX	Unit reduced output from 100% to approximately 30% for maintenance work on the main feedwater regulating valves.

¹
 F-Forced
 S-Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Exam
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont'd. from Previous Month
 5-Reduction
 9-Other

⁴ Exhibit F-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG0161).

⁵ Exhibit H-Same Source.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 2

MAY 1992

May 1 through May 2 The Unit remained shutdown in Mode 5 for the Unit's third refueling outage.

May 3 The Unit entered Mode 4 at 1408 hours.

May 4 The Unit remained in Mode 4 to prepare to enter Mode 3.

May 5 The Unit entered Mode 3 at 0940 hours.

May 6 through May 8 The Unit remained in Mode 3 to prepare to enter Mode 2.

May 9 The Unit entered Mode 2 at 1700 hours. The reactor was taken critical at 1905 hours.

May 10 The Unit remained in Mode 2 to prepare to enter Mode 1.

May 11 The Unit entered Mode 1 at 1125 hours.

May 12 At 0355 hours the output breaker was closed synchronizing the Main Unit Generator to the grid, and power escalation was begun. With output at approximately 20%, the turbine tripped at 0605 hours due to a generator ground overcurrent. After troubleshooting the Main Unit Generator the Unit was synchronized to the grid at 2040 hours and output was escalated.

May 13 With the Unit at approximately 24% output a planned reduction for turbine overspeed trip testing was commenced at 0400 hours. The output breakers were opened at 0633 hours removing the Unit from the grid. The Unit was synchronized to the grid at 1230 hours following successful overspeed trip testing, and output was escalated to approximately 30%.

May 14 through May 15 The Unit continued to operate at approximately 30% output.

May 16 At 2330 hours the Unit's output was ramped up at 3% per hour. The Unit achieved approximately 75% output at 1400 hours.

May 17 The Unit continued to operate at approximately 75% output.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 2

MAY 1992

(continued)

May 18 At 0527 hours power increase to 90% was commenced. The Unit
 achieved approximately 90% output at 1249 hours.

May 19 At 2330 hours power increase to 100% was commenced.

May 20 The Unit achieved approximately 100% output at 0315 hours.

May 21
through
May 31 The Unit operated at a nominal value of 100% output.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-412
 UNIT BVPS Unit 2
 DATE June 3, 1992
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7612

MONTH MAY 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>576</u>
2	<u>0</u>	18	<u>679</u>
3	<u>0</u>	19	<u>740</u>
4	<u>0</u>	20	<u>812</u>
5	<u>0</u>	21	<u>815</u>
6	<u>0</u>	22	<u>819</u>
7	<u>0</u>	23	<u>815</u>
8	<u>0</u>	24	<u>826</u>
9	<u>0</u>	25	<u>828</u>
10	<u>0</u>	26	<u>827</u>
11	<u>0</u>	27	<u>826</u>
12	<u>0</u>	28	<u>826</u>
13	<u>95</u>	29	<u>823</u>
14	<u>166</u>	30	<u>823</u>
15	<u>165</u>	31	<u>824</u>
16	<u>469</u>		

INSTRUCTIONS:

On this format, list the average daily unit power level MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 REPORT DATE: 06/03/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: MAY 1992
3. LICENSED THERMAL POWER (Mwt): 2652
4. NAMEPLATE RATING (Gross MWe): 923
5. DESIGN ELECTRICAL RATING (Net MWe): 836
6. MAX. DEPENDABLE CAPACITY (Gross MWe): 870
7. MAX. DEPENDABLE CAPACITY (Net MWe): 820

Notes

8. IF CHANGES OCCUR IN CAPACITY RATINGS SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (Net MWe): None
 10. REASONS FOR RESTRICTIONS, IF ANY: N/A
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-

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744.0	3647.0	39782.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	532.9	2284.0	33364.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	455.6	2206.3	33088.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1023309.0	5200071.0	80559818.4
17. GROSS ELECT. ENERGY GEN. (MWH):	325492.0	1671924.0	25846505.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	298918.0	1567317.0	24372802.0
19. UNIT SERVICE FACTOR: (PERCENT)	61.2	60.5	83.2
20. UNIT AVAILABILITY FACTOR: (PERCENT)	61.2	60.5	83.2
21. UNIT CAPACITY FACTOR (MDC): PCT	49.0	52.4	74.0
22. UNIT CAPACITY FACTOR (DER): PCT	48.1	51.4	73.3
23. UNIT FORCED OUTAGE RATE: (PERCENT)	3.1	0.7	3.7

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):

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 (>20%)

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date June 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

REPORT MONTH MAY 1992

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
11	920501	S	267.9	C	4	N/A	RC	FUELXX	Unit remained shutdown to complete the third refueling outage.
12	920512	F	14.6	A	9	N/A	HA	GENERA	Turbine tripped from approximately 20% output due to a main unit generator ground overcurrent. (NOTE: Reactor was not shutdown)
13	920513	S	5.95	B	5/9	N/A	HA	TURBIN	Unit was removed from service to permit turbine overspeed trip testing. (NOTE: Reactor was not shutdown)

1
 F-Forced
 S-Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Exam
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont'd. from Previous Month
 5-Reduction
 9-Other

4
 Exhibit F-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG0161).
 5
 Exhibit H-Same Source.

UNIT SHUTDOWNS AND POWER REDUCTIONS (>20%)

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date June 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

REPORT MONTH APRIL 1992

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
10	920401	S	719.0	C	4	N/A	RC	FUELXX	Unit remained shutdown for the third refueling 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 Exam
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont'd. from Previous Month
 5-Reduction
 9-Other

4
 Exhibit F-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG0161).

5
 Exhibit H-Same Source.