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October 5, 1990

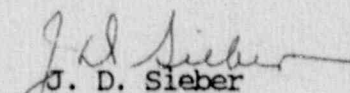
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

In accordance with Appendix A, Technical Specifications, the Monthly Operating Report is submitted for Unit 1 and Unit 2 for the month of September, 1990.

Very truly yours,


J. D. Sieber
Vice President
Nuclear Group

MAW/md

Enclosures

cc: NRC Regional Office
King of Prussia, PA

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OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 10/07/90
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: SEPTEMBER 1990
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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	720.0	6551.0	126383.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6093.1	78231.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	720.0	6045.0	76512.5
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1851557.0	15200723.0	181280778.5
17. GROSS ELECT. ENERGY GEN. (MWH):	599790.0	4938620.0	58208309.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	565700.0	4642250.0	54339400.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	92.3	62.8
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	92.3	62.8
21. UNIT CAPACITY FACTOR (MDC):PCT	97.0	87.5	56.0
22. UNIT CAPACITY FACTOR (DER):PCT	94.1	34.9	54.3
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	2.8	16.5

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER 1990

Docket No. 50-334
 Unit Name BVPS Unit #1
 Date October 7, 1990
 Completed By M.A. Winger
 Telephone (412) 393-7621

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
32	900902	S	0	H	5	N/A	ZZ	ZZZZZZ	Unit's output reduced to 65% to load follow.

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

⁵
 Exhibit I-Same Source.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT I

SEPTEMBER 1990

September 1	The Unit operated at a nominal value of 100% output.
September 2	At 0001 hours the Unit's output was reduced to 65% to load follow.
September 3	The Unit operated at 65% output to load follow.
September 4	At 0200 hours, the Unit's output was escalated to 100%.
September 5 through September 30	The Unit operated at a nominal value of 100% output.

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-334
 Unit EVPS Unit 1
 Date October 7, 1990
 Completed by M.A. Winger
 Telephone (412) 393-7621

MONTH SEPTEMBER 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>800</u>	17	<u>813</u>
2	<u>504</u>	18	<u>817</u>
3	<u>492</u>	19	<u>813</u>
4	<u>742</u>	20	<u>808</u>
5	<u>800</u>	21	<u>804</u>
6	<u>796</u>	22	<u>804</u>
7	<u>808</u>	23	<u>800</u>
8	<u>804</u>	24	<u>821</u>
9	<u>808</u>	25	<u>817</u>
10	<u>808</u>	26	<u>817</u>
11	<u>804</u>	27	<u>813</u>
12	<u>800</u>	28	<u>808</u>
13	<u>800</u>	29	<u>808</u>
14	<u>800</u>	30	<u>813</u>
15	<u>813</u>		
16	<u>817</u>		

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.: 50-412
 REPORT DATE: 10/07/90
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: SEPTEMBER 1990
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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	720.0	6551.0	25166.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	70.5	5793.9	21350.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	70.0	5786.0	21212.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	74406.0	11976580.0	50789324.4
17. GROSS ELECT. ENERGY GEN. (MWH):	21300.0	3817400.0	16283500.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	15141.0	3585089.0	15341564.0
19. UNIT SERVICE FACTOR: (PERCENT)	9.7	88.3	84.3
20. UNIT AVAILABILITY FACTOR: (PERCENT)	9.7	88.3	84.3
21. UNIT CAPACITY FACTOR (MDC):PCT	2.6	65.8	73.2
22. UNIT CAPACITY FACTOR (DER):PCT	2.5	65.5	72.9
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	1.9	5.4

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE,DATE,AND DURATION OF EACH):
THE UNIT SHUT DOWN ON SEPTEMBER 3,1990 FOR THE UNIT'S SECOND REFUELING OUTAGE
THE OUTAGE IS SCHEDULED TO BE COMPLETED ON NOVEMBER 13,1990.

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOV 13,1990

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 SEPTEMBER 1990

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date October 7, 1990
 Completed By M.A. Winger
 Telephone (412) 393-7621

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
25	900901	S	0	H	5	N/A	ZZ	ZZZZZZ	Unit operated at 40% output to stretch the current fuel cycle.
26	900903	S	650	C	1	N/A	RC	FUELXX	The Unit was shutdown for the Unit's second 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
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 4-Cont'd. from Previous Month
 5-Reduction
 9-Other

⁴
 Exhibit G-Instructions for
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 (NUREG0161).

⁵
 Exhibit I-Same Source.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE
UNIT II
SEPTEMBER 1990

September 1 through September 2	The Unit operated at 40% output to stretch the current fuel cycle.
September 3	At 2000 hours the Unit's output was reduced, in preparation for a unit shutdown. At 2200 hours the Unit was removed from service for the Unit's second refueling outage. At 2230 hours the Unit entered Mode 3.
September 4	At 1720 hours the Unit entered Mode 4.
September 5	At 1313 hours the Unit entered Mode 5.
September 6 through September 11	The Unit remained in Mode 5 to prepare to enter Mode 6.
September 12	At 0419 hours the Unit entered Mode 6.
September 13 through September 30	The Unit remained shutdown for the Unit's second refueling outage.

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-412
 Unit BVPS Unit 2
 Date October 7, 1990
 Completed by M. A. Winger
 Telephone (412) 393-7621

MONTH SEPTEMBER 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>274</u>
2	<u>269</u>
3	<u>240</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

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

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.