



Nuclear Group
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May 8, 1991

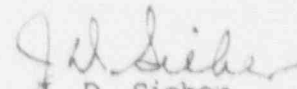
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 April, 1991.

Very truly yours,


J. D. Sieber
Vice President
Nuclear Group

MAW/mmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

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PDR ADOCK 05000334
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NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT I

APRIL 1991

April 1 through April 4	The unit operated at a nominal value of 100% output.
April 5	At 2100 hours the Unit's output was reduced to 80% to load follow.
April 6	At 2200 hours the Unit's output was increased to a nominal value of 100%.
April 7 through April 11	The Unit operated at a nominal value of 100% output.
April 12	At 2000 hours the Unit's output was ramped down in preparation for the Unit's eight refueling outage. At 2142 hours the unit was removed from service to begin the Unit's eight refueling outage. At 2155 hours the reactor was taken subcritical.
April 13	At 0754 hours the Unit entered Mode 4.
April 14	At 0210 hours the Unit entered Mode 5.
April 15 through April 20	The Unit remained in Mode 5.
April 21	At 2330 hours the Unit entered Mode 6.
April 22 through April 30	The Unit remained in Mode 6 for refueling.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 05/03/91
 COMPLETED BY: M.A. WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: APRIL 1991
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:	719.0	2879.0	131471.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	284.9	2104.4	82398.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	284.7	2070.5	80615.5
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	734753.0	5316347.0	191604794.3
17. GROSS ELECT. ENERGY GEN. (MWH):	234808.0	1715918.0	61548647.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	220450.0	1621310.0	57485510.0
19. UNIT SERVICE FACTOR: (PERCENT)	39.6	71.9	63.5
20. UNIT AVAILABILITY FACTOR: (PERCENT)	39.6	71.9	63.5
21. UNIT CAPACITY FACTOR (MDC): PCT	37.9	69.5	56.9
22. UNIT CAPACITY FACTOR (DER): PCT	36.7	67.4	55.2
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	15.3	16.3

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: 06-21-91

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 APRIL 1991

Docket No. 50-334
 Unit Name BVPS Unit #1
 Date May 7, 1991
 Completed By H.A. Winger
 Telephone (412) 393-7621

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	910405	S	0	H	5	N/A	ZZ	ZZZZZ?	Reduced output: from 100% to 80% to load follow.
12	910412	S	0	H	5	N/A	ZZ	ZZZZZZ	Ramped power down prior to beginning 8th refueling outage.
13	910412	S	434.3	C	1	N/A	RC	FUELXX	Unit shutdown for 8th 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 G-Instructions for
 Preparation of Data Entry Sheets
 for Licensee Event Report (LER) File
 (NUREG0161).

5
 Exhibit I-Same Source.

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-334
 Unit HVPS Unit 1
 Date May 7, 1991
 Completed by M. A. Winger
 Telephone (412) 393-7621

MONTH APRIL 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>808</u>
2	<u>813</u>
3	<u>808</u>
4	<u>800</u>
5	<u>732</u>
6	<u>629</u>
7	<u>791</u>
8	<u>783</u>
9	<u>783</u>
10	<u>800</u>
11	<u>804</u>
12	<u>666</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.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT II

APRIL 1991

April 1
through
April 30

The Unit operated at a nominal value of 100% output.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 REPORT DATE: 05/03/91
 COMPLETED BY: M.A. WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: APRIL 1991
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:	719.0	2879.0	30254.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	719.0	2879.0	25226.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	719.0	2879.0	25040.8
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1899670.0	7558219.0	60685835.4
17. GROSS ELECT. ENERGY GEN. (MWH):	608200.0	2438800.0	19475600.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	577017.0	2315015.0	18358339.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	82.8
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	82.8
21. UNIT CAPACITY FACTOR (MDC): PCT	97.9	98.1	73.1
22. UNIT CAPACITY FACTOR (DER): PCT	96.0	96.2	72.6
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	4.7

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

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-412
 Unit EVPS Unit 2
 Date May 7, 1991
 Completed by M.A. Winger
 Telephone (412) 393-7621

MONTH APRIL 1991

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>811</u>
2	<u>811</u>
3	<u>811</u>
4	<u>807</u>
5	<u>803</u>
6	<u>807</u>
7	<u>800</u>
8	<u>794</u>
9	<u>798</u>
10	<u>807</u>
11	<u>811</u>
12	<u>806</u>
13	<u>807</u>
14	<u>802</u>
15	<u>802</u>
16	<u>803</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>807</u>
18	<u>803</u>
19	<u>802</u>
20	<u>798</u>
21	<u>807</u>
22	<u>798</u>
23	<u>802</u>
24	<u>802</u>
25	<u>803</u>
26	<u>802</u>
27	<u>794</u>
28	<u>794</u>
29	<u>790</u>
30	<u>794</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL 1991

Docket No. 58-412
 Unit Name BVPS Unit #2
 Date May 7, 1991
 Completed By M. A. Winger
 Telephone (412) 393-7621

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
None									

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)
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