



Duquesne Light

Nuclear Group
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September 9, 1992

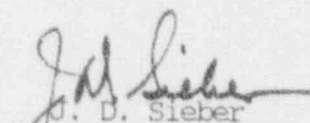
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

U. S. Nuclear Regulatory Commission
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 August, 1992.

Very truly yours,


J. D. Sieber
Vice President
Nuclear Group

DTJ/mmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

9209140338 920831
PDR ADOCK 05000344
R PDR

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NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

AUGUST 1992

- August 1 The Unit continued load following at approximately 70% output as initiated in the previous month. At 0240 hours the Unit commenced a further load reduction to approximately 54% output while continuing to load follow.
- August 2 The Unit continued to operate at approximately 54% output.
- August 3 At 0100 hours the Unit commenced a power increase to 100% output. A nominal value of 100% output was achieved at 0700 hours.
- August 4 through August 6 The Unit operated at a nominal value of 100% output.
- August 7 At 0023 hours the Unit reduced output to approximately 90% for end of cycle fuel stretchout. At 2200 hours the Unit commenced a reduction in output to approximately 50% to load follow.
- August 8 through August 9 The Unit continued to operate at approximately 50% output while load following.
- August 10 At 0300 hours the Unit commenced a power increase to 90% output. Approximately 90% output was achieved at 0700 hours as end of cycle fuel stretchout continued.
- August 11 through August 21 The Unit continued to operate at approximately 90% output for end of cycle fuel stretchout.
- August 22 At 0013 hours the Unit commenced a reduction in output to approximately 50% to load follow.
- August 23 The Unit continued to operate at approximately 50% output while load following.
- August 24 At 0300 hours the Unit commenced a power increase to 90% output. Approximately 90% output was achieved at 0700 hours as end of cycle fuel stretchout continued.
- August 25 The Unit continued to operate at approximately 90% output for end of cycle fuel stretchout. At 2020 hours the Rod Position Indication for Control Rod K-8 was declared inoperable as a result of fluctuating between 228 and 210 steps.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

AUGUST 1992 (continued)

- August 26 The Unit continued to operate at approximately 90% output for end of cycle fuel stretchout.
- August 27 The Unit continued to operate at approximately 90% output for end of cycle fuel stretchout. At 1600 hours the Rod Position Indication for Control Rod K-8 was declared operable.
- August 28 The Unit continued to operate at approximately 90% output for end of cycle fuel stretchout.
- August 29 At 2100 hours the Unit commenced a reduction in output to approximately 50% to load follow.
- August 30 The Unit continued to operate at approximately 50% output while load following. At 0810 hours the Rod Position Indication for Control Rod K-2 was declared inoperable when primary voltage readings could not be obtained. At 0907 hours Control Rod K-2 was declared operable based on a satisfactory primary voltage reading.
- August 31 At 0230 hours the Unit commenced a power increase to 90% output. Approximately 90% output was achieved at 0600 hours as end of cycle fuel stretchout continued.

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH August 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>458</u>	17	<u>729</u>
2	<u>392</u>	18	<u>729</u>
3	<u>758</u>	19	<u>733</u>
4	<u>817</u>	20	<u>733</u>
5	<u>825</u>	21	<u>733</u>
6	<u>821</u>	22	<u>379</u>
7	<u>721</u>	23	<u>342</u>
8	<u>358</u>	24	<u>650</u>
9	<u>342</u>	25	<u>725</u>
10	<u>638</u>	26	<u>721</u>
11	<u>717</u>	27	<u>725</u>
12	<u>733</u>	28	<u>729</u>
13	<u>725</u>	29	<u>704</u>
14	<u>729</u>	30	<u>329</u>
15	<u>729</u>	31	<u>667</u>
16	<u>733</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: 09/03/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744.0	5855.0	143207.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	5855.0	91178.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	5855.0	89286.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1604887.0	14949281.0	213461457.5
17. GROSS ELECT. ENERGY GEN. (MWH):	517530.0	4891050.0	68689453.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	482990.0	4611780.0	64179330.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	64.4
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	64.4
21. UNIT CAPACITY FACTOR (MDC): PCT	80.1	97.2	58.0
22. UNIT CAPACITY FACTOR (DER): PCT	77.7	94.3	56.3
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	15.8

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. 50-334
 Unit Name BVPS Unit #1
 Date September 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

REPORT MONTH AUGUST 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
5	920801	S	0	H	4	N/A	ZZ	ZZZZZZ	Unit continued to load follow at approximately 70% output.
6	920801	S	0	H	5	N/A	ZZ	ZZZZZZ	Units output further reduced from approximately 70% to approximately 54% to load follow.
7	920807	S	0	H	5	N/A	ZZ	ZZZZZZ	Units output reduced from 100% to approximately 90% for end of cycle fuel stretchout.
8	920807	S	0	H	5	N/A	ZZ	ZZZZZZ	Units output further reduced from approximately 90% to approximately 50% to load follow.
9	920822	S	0	H	5	N/A	ZZ	ZZZZZZ	Units output reduced from approx. 90% to approximately 50% to load follow.
10	920829	S	0	H	5	N/A	ZZ	ZZZZZZ	Units output reduced from approx. 90% to approximately 50% 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 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

AUGUST 1992

August 1 through August 9 The Unit operated at a nominal value of 100% output.

August 10 At 2245 hours the Units output was reduced to approximately 97% to improve conditions in the condenser hotwell.

August 11 At 0300 hours the Units output was returned to a nominal value of 100%.

August 12 through August 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 Sept. 3, 1992
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7612

MONTH August 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>833</u>	17	<u>834</u>
2	<u>833</u>	18	<u>833</u>
3	<u>830</u>	19	<u>833</u>
4	<u>832</u>	20	<u>836</u>
5	<u>835</u>	21	<u>834</u>
6	<u>827</u>	22	<u>828</u>
7	<u>824</u>	23	<u>824</u>
8	<u>819</u>	24	<u>822</u>
9	<u>822</u>	25	<u>823</u>
10	<u>814</u>	26	<u>821</u>
11	<u>824</u>	27	<u>824</u>
12	<u>833</u>	28	<u>832</u>
13	<u>833</u>	29	<u>838</u>
14	<u>834</u>	30	<u>834</u>
15	<u>833</u>	31	<u>836</u>
16	<u>832</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: 09/03/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	744.0	5855.0	41990.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	4492.0	35572.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	744.0	4414.3	35296.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1959446.0	10904033.0	96263780.4
17. GROSS ELECT. ENERGY GEN. (MWH):	649573.0	3544731.0	27719312.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	617062.0	3344103.0	26149588.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	75.4	84.1
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	75.4	84.1
21. UNIT CAPACITY FACTOR (MDC): PCT	101.1	69.7	75.3
22. UNIT CAPACITY FACTOR (DER): PCT	99.2	68.3	74.5
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.3	3.5

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	<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. 50-412
 Unit Name BVPS Unit #2
 Date September 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

REPORT MONTH AUGUST 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
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)
 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.