



Duquesne Light

Nuclear Group
P.O. Box 4
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Telephone (412) 393-6000

February 6, 1996

Beaver Valley Power Station
Unit 1 - Docket No. 50-374 License No. DPR-66
Unit 2 - Docket No. 50- 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 January, 1996.

Respectfully,

T. P. Noonan
Division Vice President,
Nuclear Operations /
Plant Manager

DTJ/slp

Enclosures

cc: NRC Regional Office
King of Prussia, PA



The Nuclear Professionals

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PDR ADOCK 05000334
R PDR

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NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

JANUARY 1996

January 1
through
January 31

The Unit operated at a nominal value of 100% output during the entire report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
 UNIT BVPS Unit 1
 DATE Feb. 1, 1996
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7553

MONTH January 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>834</u>	17	<u>828</u>
2	<u>834</u>	18	<u>823</u>
3	<u>832</u>	19	<u>826</u>
4	<u>832</u>	20	<u>831</u>
5	<u>833</u>	21	<u>824</u>
6	<u>826</u>	22	<u>836</u>
7	<u>827</u>	23	<u>835</u>
8	<u>824</u>	24	<u>828</u>
9	<u>826</u>	25	<u>830</u>
10	<u>834</u>	26	<u>826</u>
11	<u>836</u>	27	<u>815</u>
12	<u>844</u>	28	<u>819</u>
13	<u>834</u>	29	<u>826</u>
14	<u>826</u>	30	<u>828</u>
15	<u>829</u>	31	<u>831</u>
16	<u>828</u>		

INSTRUCTIONS

On this form, 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: 02/02/96
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7553

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: JANUARY 1996
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	744.0	173160.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	114195.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	744.0	112096.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1965199.0	1965199.0	270887261.5
17. GROSS ELECT. ENERGY GEN. (MWH):	652390.0	652390.0	87466407.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	616180.0	616180.0	81783004.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	66.5
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	66.5
21. UNIT CAPACITY FACTOR (MDC): PCT	102.2	102.2	60.7
22. UNIT CAPACITY FACTOR (DER): PCT	99.2	99.2	58.9
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	15.4

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
THE UNIT IS SCHEDULED TO SHUTDOWN FOR ITS 11TH REFUELING OUTAGE ON
MARCH 22, 1996. THE REFUELING OUTAGE IS SCHEDULED TO LAST FOR 55 DAYS.

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 February 2, 1996
 Completed By David T. Jones
 Telephone (412) 393-7553

REPORT MONTH January 1996

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.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 2

JANUARY 1996

- January 1 The Unit began the report period operating at approximately 46% output for planned end-of-cycle fuel conservation (cycle stretch).
- January 2 A return to full power was commenced at 0007 hours. A nominal value of 100% output was achieved at 0608 hours.
- January 3 through January 10 The Unit operated at a nominal value of 100% output.
- January 11 The Unit operated at a nominal value of 100% output until 2206 hours when a scheduled load reduction was commenced for planned end-of-cycle fuel conservation.
- January 12 An output of approximately 46% was achieved at 0418 hours.
- January 13 through January 14 The Unit remained at approximately 46% output for planned end-of-cycle fuel conservation.
- January 15 A return to full power was commenced at 0016 hours. A nominal value of 100% output was achieved at 0714 hours.
- January 16 through January 31 The Unit operated at a nominal value of 100% output for the remainder of the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-412
 UNIT BVPS Unit 2
 DATE Feb. 1, 1996
 COMPLETED BY David T. Jones
 TELEPHONE (412) 393-7553

MONTH January 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>366</u>	17	<u>835</u>
2	<u>781</u>	18	<u>836</u>
3	<u>839</u>	19	<u>841</u>
4	<u>840</u>	20	<u>841</u>
5	<u>842</u>	21	<u>837</u>
6	<u>841</u>	22	<u>834</u>
7	<u>841</u>	23	<u>830</u>
8	<u>841</u>	24	<u>831</u>
9	<u>839</u>	25	<u>841</u>
10	<u>842</u>	26	<u>838</u>
11	<u>837</u>	27	<u>835</u>
12	<u>375</u>	28	<u>840</u>
13	<u>343</u>	29	<u>835</u>
14	<u>341</u>	30	<u>839</u>
15	<u>771</u>	31	<u>841</u>
16	<u>836</u>		

INSTRUCTIONS

On this form, 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: 02/02/96
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7553

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: JANUARY 1996
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	744.0	71943.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	62225.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	744.0	744.0	61838.6
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1818553.0	1818553.0	153642556.0
17. GROSS ELECT. ENERGY GEN. (MWH):	606068.0	606068.0	50039397.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	574233.0	574233.0	47293756.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	86.0
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	86.0
21. UNIT CAPACITY FACTOR (MDC): PCT	94.1	94.1	79.8
22. UNIT CAPACITY FACTOR (DER): PCT	92.3	92.3	78.6
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	2.7

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 February 2, 1996
 Completed By David T. Jones
 Telephone (412) 393-7553

REPORT MONTH January 1996

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
1	960101	S	0	H	4	N/A	ZZ	ZZZZZZ	The Unit continued to operate at approx 46% output for planned end-of-cycle fuel conservation (cycle stretch).
2	960111	S	0	H	5	N/A	ZZ	ZZZZZZ	The Unit reduced output from approx 100% to approx 46% for planned end-of-cycle fuel conservation (cycle stretch).

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

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