



Duquesne Light

Nuclear Group
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November 6, 1989

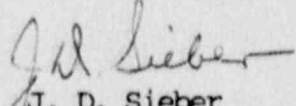
Beaver Valley Power Station
Unit 1 - Docket No. 50-334, License No. DPR-66
Unit 2 - Docket No. 50-412, License No. NPF-73
Monthly Operating Report

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 October, 1989.

Very truly yours,


J. D. Sieber
Vice President
Nuclear Group

MAW/lmg

Enclosures

cc: NRC Regional Office
King of Prussia, PA

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OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 11/06/89
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: OCTOBER 1989
3. LICENSED THERMAL POWER (MWt): 2660
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:	745.0	7296.0	118368.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	0.0	5738.8	71989.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	0.0	5722.3	70366.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	0.0	12651193.0	165997551.5
17. GROSS ELECT. ENERGY GEN. (MWH):	0.0	4053450.0	53246789.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	-2530.0	3785000.0	49693390.0
19. UNIT SERVICE FACTOR: (PERCENT)	0.0	78.4	61.7
20. UNIT AVAILABILITY FACTOR: (PERCENT)	0.0	78.4	61.7
21. UNIT CAPACITY FACTOR (MDC): PCT	0.0	64.0	54.9
22. UNIT CAPACITY FACTOR (DER): PCT	0.0	62.1	53.2
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	2.2	17.1

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: NOV. 25, 1989

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>

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT I

OCTOBER 1989

October 1 The Unit remained in Mode 6 for it's Seventh Refueling
through Outage.
October 22

October 23 At 1620 hours the Unit entered Mode 5.

October 24 The Unit remained in Mode 5.
through
October 31

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-334

Unit EVPS Unit 1

Date November 6, 1989

Completed by M.A. Winger

Telephone (412) 393-7621

MONTH October 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

Docket No. 50-334
 Unit Name BVPS Unit #1
 Date November 6, 1989
 Completed By R.A. Winger
 Telephone (412) 393-7621

REPORT MONTH OCTOBER 1989

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
36	891001	S	745	C	4	N/A	RC	FUELXX	The Unit remained shutdown the month of October for it's Seventh 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.

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT II

OCTOBER 1989

October 1
through
October 31

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

OPERATING DATA REPORT

DOCKET NO.: 50-412
 REPORT DATE: 11/06/89
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: OCTOBER 1989
3. LICENSED THERMAL POWER (MWt): 2660
4. NAMEPLATE RATING (Gross MWe): 923
5. DESIGN ELECTRICAL RATING (Net MWe): 836
6. MAX. DEPENDABLE CAPACITY (Gross MWe): 885
7. MAX. DEPENDABLE CAPACITY (Net MWe): 833

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:	745.0	7296.0	17151.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	745.0	4843.5	14092.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	745.0	4783.6	13962.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1966839.0	11368208.0	35099148.4
17. GROSS ELECT. ENERGY GEN. (MWH):	635400.0	3625400.0	11255200.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	603484.0	3392511.0	10607676.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	65.6	81.4
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	65.6	81.4
21. UNIT CAPACITY FACTOR (MDC): PCT	97.2	55.8	74.2
22. UNIT CAPACITY FACTOR (DER): PCT	96.9	55.6	74.0
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	14.0	7.3

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: _____

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

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date November 6, 1989
 Completed By M.A. Winger
 Telephone (412) 393-7621

REPORT MONTH OCTOBER 1989

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
MCWE									

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
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 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. 50-412
 Unit BVPS Unit 2
 Date November 6, 1989
 Completed by M. A. Winger
 Telephone (412)393-7621

MONTH October 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>803</u>	17	<u>807</u>
2	<u>803</u>	18	<u>821</u>
3	<u>807</u>	19	<u>817</u>
4	<u>815</u>	20	<u>817</u>
5	<u>811</u>	21	<u>817</u>
6	<u>807</u>	22	<u>813</u>
7	<u>811</u>	23	<u>817</u>
8	<u>819</u>	24	<u>815</u>
9	<u>807</u>	25	<u>807</u>
10	<u>815</u>	26	<u>808</u>
11	<u>815</u>	27	<u>813</u>
12	<u>807</u>	28	<u>808</u>
13	<u>803</u>	29	<u>809</u>
14	<u>798</u>	30	<u>807</u>
15	<u>803</u>	31	<u>811</u>
16	<u>802</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.