

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

JANUARY 1992

January 1
through
January 31

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
UNIT BVPS Unit 1
DATE Feb. 5, 1992
COMPLETED BY David T. Jones
TELEPHONE (412) 393-7612

MONTH January 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>833</u>	17	<u>837</u>
2	<u>829</u>	18	<u>825</u>
3	<u>829</u>	19	<u>833</u>
4	<u>825</u>	20	<u>825</u>
5	<u>829</u>	21	<u>833</u>
6	<u>829</u>	22	<u>825</u>
7	<u>833</u>	23	<u>829</u>
8	<u>833</u>	24	<u>829</u>
9	<u>833</u>	25	<u>833</u>
10	<u>833</u>	26	<u>821</u>
11	<u>833</u>	27	<u>829</u>
12	<u>833</u>	28	<u>829</u>
13	<u>829</u>	29	<u>829</u>
14	<u>825</u>	30	<u>833</u>
15	<u>829</u>	31	<u>829</u>
16	<u>825</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: 02/04/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: JANUARY 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	744.0	138096.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	86067.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	744.0	84175.2
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1968906.0	1968906.0	200481082.5
17. GROSS ELECT. ENERGY GEN. (MWH):	653040.0	653040.0	64451443.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	617390.0	617390.0	60184940.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	63.0
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	63.0
21. UNIT CAPACITY FACTOR (MDC): PCT	102.4	102.4	56.5
22. UNIT CAPACITY FACTOR (DER): PCT	99.4	99.4	54.8
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	16.6

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 ($\geq 20\%$)REPORT MONTH JANUARY 1992

Docket No. 50-334
 Unit Name BVPS Unit #1
 Date February 5, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

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 1992

January 1 through January 21	The Unit operated at a nominal value of 100% output.
January 22	At 2025 hours the Unit commenced load reduction to less than 30% output to repair tube leaks in the Unit's main condenser.
January 23	The Unit continued to operate at approximately 30% output while repair of tube leaks continued in the Unit's main condenser.
January 24	At 1500 hours the Unit began escalation to a nominal value of 100% output. 100% output was achieved at 2035 hours.
January 25 through January 27	The Unit operated at a nominal value of 100% output.
January 28	At 1610 hours the Unit commenced load reduction to approximately 78% output to repair tube leaks in the Unit's main condenser.
January 29 through January 30	The Unit continued to operate at approximately 78% output while repair of tube leaks continued in the Unit's main condenser.
January 31	At 0133 hours the Unit began escalation to a nominal value of 100% output. 100% output was achieved at 0430 hours. At 2100 hours the Unit commenced load reduction to approximately 80% to permit main condenser waterbox cleaning.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-412
UNIT WVPS Unit 2
DATE Feb. 5, 1992
COMPLETED BY David T. Jones
TELEPHONE (412) 393-7612

MONTH January 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>816</u>	17	<u>811</u>
2	<u>814</u>	18	<u>814</u>
3	<u>809</u>	19	<u>813</u>
4	<u>810</u>	20	<u>812</u>
5	<u>815</u>	21	<u>805</u>
6	<u>815</u>	22	<u>781</u>
7	<u>815</u>	23	<u>206</u>
8	<u>815</u>	24	<u>654</u>
9	<u>808</u>	25	<u>814</u>
10	<u>812</u>	26	<u>812</u>
11	<u>814</u>	27	<u>809</u>
12	<u>811</u>	28	<u>759</u>
13	<u>806</u>	29	<u>625</u>
14	<u>813</u>	30	<u>629</u>
15	<u>815</u>	31	<u>781</u>
16	<u>815</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: 02/04/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7612

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: JANUARY 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	744.0	36879.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	744.0	31824.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	744.0	744.0	31626.0
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1870700.0	1870700.0	77230447.4
17. GROSS ELECT. ENERGY GEN. (MWH):	605537.0	605537.0	24780118.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	574123.0	574123.0	23379608.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	100.0	85.8
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	100.0	85.8
21. UNIT CAPACITY FACTOR (MDC): PCT	94.1	94.1	76.5
22. UNIT CAPACITY FACTOR (DER): PCT	92.3	92.3	75.8
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.0	3.8

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
 THE UNIT IS SCHEDULED TO SHUTDOWN FOR ITS THIRD REFUELING OUTAGE ON
 MARCH 13, 1992. THE REFUELING OUTAGE IS SCHEDULED TO LAST FOR 70 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 ($\geq 20\%$)REPORT MONTH JANUARY 1992

Docket No. 50-112
 Unit Name BVPS Unit #2
 Date February 5, 1992
 Completed By David T. Jones
 Telephone (412) 393-7612

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	920122	F	0	B	5	N/A	HC	HTEXCH	Unit reduced output to approx. 30% to repair tube leaks in the unit's Main Condenser.
2	920128	F	0	B	5	N/A	HC	HTEXCH	Unit reduced output to approx. 78% to repair tube leaks in the Unit's Main Condenser.
3	920131	S	0	B	5	N/A	HC	HTEXCH	Unit reduced output from 100% to 80% to permit cleaning the waterboxes of the Unit's Main Condenser.

¹
 F-Forced
 S-Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 P-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).

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 Exhibit H-Same Source.