

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT 1

NOVEMBER 1992

November 1 Unit startup continued from October following completion of repairs to the "A" Reactor Coolant Pump Motor. The Unit remained in Mode 3 until 2040 hours when the station entered Mode 2. The reactor was taken critical at 2112 hours and Mode 1 was entered at 2142 hours.

November 2 At 0417 hours the output breakers were closed synchronizing the Main Unit Generator to the grid. The Unit achieved approximately 90% output at 2200 hours.

November 3 The Unit continued to operate at approximately 90% output in
through accordance with the planned fuel cycle length extension
November 30 throughout the remainder of the report period.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-334
UNIT BVPS Unit 1
DATE Dec. 3, 1992
COMPLETED BY David T. Jones
TELEPHONE (412) 393-7607

MONTH November 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>733</u>
2	<u>246</u>	18	<u>738</u>
3	<u>717</u>	19	<u>738</u>
4	<u>738</u>	20	<u>750</u>
5	<u>739</u>	21	<u>721</u>
6	<u>732</u>	22	<u>729</u>
7	<u>742</u>	23	<u>737</u>
8	<u>733</u>	24	<u>738</u>
9	<u>738</u>	25	<u>748</u>
10	<u>738</u>	26	<u>729</u>
11	<u>733</u>	27	<u>750</u>
12	<u>729</u>	28	<u>733</u>
13	<u>750</u>	29	<u>733</u>
14	<u>746</u>	30	<u>733</u>
15	<u>750</u>		
16	<u>729</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: 12/03/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7607

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: NOVEMBER 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:	720.0	8040.0	145392.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	698.8	7482.7	92806.3
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	691.7	7475.6	90906.8
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1620623.0	18694234.0	217206410.5
17. GROSS ELECT. ENERGY GEN. (MWH):	531020.0	6114120.0	69912523.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	499680.0	5751680.0	65319230.0
19. UNIT SERVICE FACTOR: (PERCENT)	96.1	93.0	64.6
20. UNIT AVAILABILITY FACTOR: (PERCENT)	96.1	93.0	64.6
21. UNIT CAPACITY FACTOR (MDC): PCT	85.7	88.3	58.1
22. UNIT CAPACITY FACTOR (DER): PCT	83.1	85.7	56.4
23. UNIT FORCED OUTAGE RATE: (PERCENT)	3.9	7.0	16.0

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
 THE UNIT IS SCHEDULED TO SHUTDOWN FOR ITS NINTH REFUELING OUTAGE ON
 APRIL 2, 1993. 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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

FORECAST	ACHIEVED
N/A	N/A
N/A	N/A
N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS (≥20%)

REPORT MONTH NOVEMBER 1992Socket No. 50-334Unit Name BVPS Unit #1Date December 3, 1992Completed By David T. JonesTelephone (412) 393-7607

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
17	921101	F	28.3	A	4	92-009-00	CB	MOTORX	The Unit remained shutdown after experiencing a reactor trip due to a trip of the "A" Reactor Coolant Pump caused by an electrical ground internal to the motor.
18	921102	S	0	H	9	N/A	ZZ	ZZZZZ	The Unit ceased power ascension at approximately 90% output and continued to operate at this reduced output in accordance with the planned fuel cycle length extension.

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

NOVEMBER 1992

November 1 through November 24	The Unit operated at a nominal value of 100% output.
November 25	At 2200 hours the Unit reduced output to approximately 46% in accordance with the planned fuel cycle length extension.
November 26 through November 29	The Unit continued to operate at approximately 46% output in accordance with the planned fuel cycle length extension.
November 30	At 0200 hours the Unit commenced a power increase to 100% output. A nominal value of 100% output was achieved at 0700 hours. The Unit continued to operate 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 Dec. 3, 1992
COMPLETED BY David T. Jones
TELEPHONE (412) 393-7607

MONTH November 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>839</u>	17	<u>831</u>
2	<u>834</u>	18	<u>838</u>
3	<u>834</u>	19	<u>837</u>
4	<u>834</u>	20	<u>832</u>
5	<u>843</u>	21	<u>827</u>
6	<u>845</u>	22	<u>830</u>
7	<u>846</u>	23	<u>832</u>
8	<u>844</u>	24	<u>825</u>
9	<u>842</u>	25	<u>613</u>
10	<u>839</u>	26	<u>357</u>
11	<u>838</u>	27	<u>352</u>
12	<u>836</u>	28	<u>349</u>
13	<u>841</u>	29	<u>355</u>
14	<u>841</u>	30	<u>741</u>
15	<u>840</u>		
16	<u>836</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: 12/03/92
 COMPLETED BY: DAVID T. JONES
 TELEPHONE: (412) 393-7607

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: NOVEMBER 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:	720.0	8040.0	44175.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	720.0	6677.0	37757.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	720.0	6599.3	37400.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1752279.0	16478316.0	91838063.4
17. GROSS ELECT. ENERGY GEN. (MWH):	583392.0	5401160.0	29575741.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	553197.0	5106731.0	27912216.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	82.1	84.8
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	82.1	84.8
21. UNIT CAPACITY FACTOR (MDC): PCT	93.7	77.5	76.4
22. UNIT CAPACITY FACTOR (DER): PCT	91.9	76.7	75.6
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.2	3.3

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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

FORECAST
 N/A
 N/A
 N/A

ACHIEVED
 N/A
 N/A
 N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS (≥20%)

REPORT MONTH NOVEMBER 1992

Docket No. 50-412
 Unit Name BVPS Unit #2
 Date December 3, 1992
 Completed By David T. Jones
 Telephone (412) 393-7607

Vo.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
18	921125	S	0	H	S	N/A	ZZ	ZZZZZZ	Unit reduced output from 100% to approximately 46% in accordance with the planned fuel cycle length extension.

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
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