

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT I

JULY 1989

July 1
through
July 9

The Unit operated at a nominal value of 100% output

July 10

At 1120 hours the Unit's output was reduced to 95% to increase the margin to saturation in the main condenser's hotwell. At 1420 hours the Unit's output was increased to a nominal value of 100%.

July 11
through
July 31

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

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-334
 Unit EVPS Unit 1
 Date August 8, 1989
 Completed by M. A. Winger
 Telephone (412) 393-7621

MONTH July 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>779</u>	17	<u>796</u>
2	<u>788</u>	18	<u>783</u>
3	<u>779</u>	19	<u>783</u>
4	<u>783</u>	20	<u>783</u>
5	<u>788</u>	21	<u>783</u>
6	<u>775</u>	22	<u>771</u>
7	<u>779</u>	23	<u>788</u>
8	<u>788</u>	24	<u>783</u>
9	<u>779</u>	25	<u>763</u>
10	<u>758</u>	26	<u>783</u>
11	<u>767</u>	27	<u>783</u>
12	<u>783</u>	28	<u>796</u>
13	<u>783</u>	29	<u>792</u>
14	<u>783</u>	30	<u>796</u>
15	<u>796</u>	31	<u>796</u>
16	<u>788</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 Name BYPS Unit #1
 Date August 8, 1989
 Completed By M.A. Winger
 Telephone (412) 393-7621

REPORT MONTH JULY 1989

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
	MONF								

- 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.

OPERATING DATA REPORT

DOCKET NO.: 50-334
 REPORT DATE: 08/04/89
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: JULY 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:	744.0	5087.0	116159.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	4972.7	71223.6
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	4956.3	69600.3
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1946984.0	10787892.0	164134250.5
17. GROSS ELECT. ENERGY GEN. (MWH):	619250.0	3455320.0	52648659.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	582600.0	3230490.0	49138880.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	97.4	62.3
20. UNIT AVAILABILITY FACTOR: (PERCENT)	100.0	97.4	62.3
21. UNIT CAPACITY FACTOR (MDC):PCT	96.7	78.4	55.4
22. UNIT CAPACITY FACTOR (DER):PCT	93.8	76.1	53.7
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	2.6	17.3

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH):
UNIT'S SEVENTH REFUELING OUTAGE IS SCHEDULED TO BEGIN ON SEPTEMBER 1, 1989
AND TO END ON NOVEMBER 10, 1989

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>

NARRATIVE SUMMARY OF
MONTHLY OPERATING EXPERIENCE

UNIT II

JULY 1989

July 1 through July 11 The Unit remained in Mode 5 to repair a Primary to Secondary Leak in the 'C' Steam Generator.

July 12 At 1005 hours, the Unit entered Mode 4. At 1720 hours, the Unit entered Mode 3.

July 13 At 1815 hours the reactor was taken critical.

July 14 At 0207 hours, the Unit was synchronized and the Unit's output was increased to 100% output.

July 15 through July 16 The Unit operated at a nominal value of 100% output.

July 17 At 1447 hours the Unit's output was reduced to 40% to permit repairs to the 'B' Heater Drain Pump. At 2100 hours, the Unit's output was increased to 50% to allow removing the moisture separator/reheater from service.

July 18 The Unit operated at 50% output.

July 19 At 1410 hours, the Unit's output was reduced to 40% to allow the 'A' Heater Drain Pump to be removed from service to drain the component cooling lines to the Heater Drain Pumps. At 1626 hours, the Unit's output was increased to 50%. At 2239 hours the Unit's output was increased to a nominal value of 100% output.

July 20 At 0550 hours, the Unit achieved 100% output.

July 21 through July 31 The Unit operated at a nominal value of 100% output.

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-412
 Unit EVPS Unit 2
 Date August 8, 1989
 Completed by M. A. Winger
 Telephone (412)393-7621

MONTH July 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	638
2	0	18	358
3	0	19	366
4	0	20	785
5	0	21	793
6	0	22	790
7	0	23	786
8	0	24	794
9	0	25	790
10	0	26	798
11	0	27	794
12	0	28	798
13	0	29	806
14	295	30	802
15	806	31	810
16	806		

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.

OPERATING DATA REPORT

DOCKET NO.: 50-412
 REPORT DATE: 08/04/89
 COMPLETED BY: M.A.WINGER
 TELEPHONE: (412) 393-7621

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: JULY 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:	744.0	5087.0	14942.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	437.8	2634.5	11883.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	429.9	2574.6	11753.9
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1033532.0	5551862.0	29282802.4
17. GROSS ELECT. ENERGY GEN. (MWH):	326000.0	1756200.0	9386000.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	302307.0	1618922.0	8834087.0
19. UNIT SERVICE FACTOR: (PERCENT)	57.8	50.6	78.7
20. UNIT AVAILABILITY FACTOR: (PERCENT)	57.8	50.6	78.7
21. UNIT CAPACITY FACTOR (MDC): PCT	48.8	38.2	71.0
22. UNIT CAPACITY FACTOR (DER): PCT	48.6	38.1	70.7
23. UNIT FORCED OUTAGE RATE: (PERCENT)	42.2	23.2	8.6

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	<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 BYPS Unit #2
 Date August 8, 1989
 Completed By M.A. Winger
 Telephone (412) 393-7621

REPORT MONTH JULY 1989

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
20	890701	F	314.1	B	4	2-89-21	CB	HTEKCH	Unit remained shutdown to repair a primary to secondary leak in the Unit's 'C' Steam Generator.
21	890717	F	0	B	5	N/A	IJJ	PUMPXX	Unit's output reduced to approximately 50% to repair the 'B' Heater Drain Pump.

- 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 (MUREG0161).
- 5 Exhibit I-Same Source.