Duquesne Light

Nuclear Group
P.O. Box 4
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August 7, 1996

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 July, 1996.

Respectfully,

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

DTJ/slp

Enclosures

cc: NRC Regional Office
King of Prussia, PA

IE24

NARRATIVE SUMMARY OF

MONTHLY OPERATING EXPERIENCE

UNIT 1

JULY 1996

July 1 through July 17	The Unit operated at a nominal value of 100% output. On July 16 at 1250 hours, the analog rod position indication (ARPI) for control rods K-6, P-8 and H-2 were declared inoperable due to reading greater than the technical specification limit of 12 steps. At 1730 hours, the ARPI reading for each control rod was returned to within 12 steps and subsequently returned to service.
July 18	At 2120 hours, the Unit began a load reduction as a conservative action while evaluating Supplementary Leak Collection and Release System train operability per technical specifications, Upon completion of the evaluation, the load reduction was halted at approximately 98% output and a return to full power was commenced. The Unit achieved approximately 100% output at 2345 hours.
July 19 through July 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. 50-334
UNIT BVPS Unit 1
DATE August 1, 1996
COMPLETED BY David T. Jones
TELEPHONE (412) 393-4962

MONTH July 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	813	17	811
2	817	18	810
3	824	19	805
4	825	20	823
5	824	21	822
6	820	22	820
7	814	23	816
8	813	24	814
9	821	25	812
10	826	26	817
11	824	27	818
12	817	28	816
13	815	29	814
14	811	30	814
15	814	31	817
16	811		

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: 08/02/96
COMPLETED BY: DAVID T. JONES
TELEPHONE: (412) 393-4962

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 1
2. REPORTING PERIOD: JULY 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	5111.0	177527.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	3917.9	117369.7
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	4482.8
14. HOURS GENERATOR WAS ON LINE:	744.0	3871.0	115223.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1965530.0	9778199.0	278700261.5
17. GROSS ELECT. ENERGY GEN. (MWH):	643960.0	3223037.0	90037054.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	607620.0	3026647.0	84193471.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	75.7	66.7
20. UNIT AVAILABILITY FACTOR:(PERCENT)	100.0	75.7	66.7
21. UNIT CAPACITY FACTOR (MDC):PCT	100.8	73.1	60.9
22. UNIT CAPACITY FACTOR (DER):PCT	97.8	70.9	59.1
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	1.1	15.1

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: _____

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 (≥20%)

Docket No. 50-334
Unit Name BVPS Unit #1
Date August 2, 1996
Completed By David T. Jones
Telephone (412) 393-4962

REPORT MONTH July 1996

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	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

JULY 1996

July 1	The Unit was returned to full power at 0048 hours following a load reduction to approximately 95% output on June 30, 1996, to stabilize condenser hotwell conditions.
July 2 through July 18	The Unit operated at a nominal value of 100% output.
July 19	With unusually warm atmospheric conditions present, incremental load reductions to approximately 95% output were commenced at 0920 hours to stabilize condenser hotwell conditions. Once conditions in the condenser hotwell had improved, the Unit was returned to full power at 1800 hours.
July 20 through July 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 August 1, 1996
COMPLETED BY David T. Jones
TELEPHONE (412) 393-4962

MONTH July 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	812	17	820
2	818	18	820
3	830	19	800
4	832	20	829
5	829	21	826
6	823	22	823
7	818	23	818
8	815	24	816
9	824	25	817
10	831	26	820
11	829	27	822
12	827	28	821
13	823	29	818
14	820	30	816
15	820	31	819
16	820		

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: 08/02/96
COMPLETED BY: DAVID T. JONES
TELEPHONE: (412) 393-4962

OPERATING STATUS

1. UNIT NAME: BEAVER VALLEY POWER STATION, UNIT 2
2. REPORTING PERIOD: JULY 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	5111.0	76310.0
12. NO. OF HRS. REACTOR WAS CRITICAL:	744.0	5111.0	66592.8
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR WAS ON LINE:	744.0	5089.5	66184.1
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GEN. (MWH):	1962484.0	13139509.0	164963512.0
17. GROSS ELECT. ENERGY GEN. (MWH):	642340.0	4338405.0	53771734.0
18. NET ELECTRICAL ENERGY GEN. (MWH):	609805.0	4117448.0	50836971.0
19. UNIT SERVICE FACTOR: (PERCENT)	100.0	99.6	86.7
20. UNIT AVAILABILITY FACTOR:(PERCENT)	100.0	99.6	86.7
21. UNIT CAPACITY FACTOR (MDC):PCT	100.0	98.2	80.9
22. UNIT CAPACITY FACTOR (DER):PCT	98.0	96.4	79.7
23. UNIT FORCED OUTAGE RATE: (PERCENT)	0.0	0.4	2.5

24. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE,DATE,AND DURATION OF EACH):
THE UNIT IS SCHEDULED TO SHUTDOWN FOR ITS SIXTH REFUELING OUTAGE ON AUGUST 30, 1996. THE REFUELING OUTAGE IS SCHEDULED TO LAST FOR 45 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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS (≥20%)

Docket No. 50-412
Unit Name BVPS Unit #2
Date August 2, 1996
Completed By David T. Jones
Telephone (412) 393-4962

REPORT MONTH July 1996

No.	Date	Type1	Duration (Hours)	Reason2	Method of Shutting Down Reactor3	Licensee Event Report #	System Code4	Component Code5	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

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Exhibit H-Same Source