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ACCESSION NBR: 9409220105 DOC. DATE: 94/08/31 NOTARIZED: NO DOCKET #
FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387
50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
AUTH. NAME AUTHOR AFFILIATION
BALL, B. Pennsylvania Power & Light Co.
BYRAM, R.G. Pennsylvania Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1994 for Suquehanna Steam Electric Station Units 1 & 2. W/940831 ltr.

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Pennsylvania Power & Light Company

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Robert G. Byram
Senior Vice President—Nuclear
610/774-7502
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September 14, 1994

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4200 FILE R41-2A

Docket Nos. 50-387/NPF-14
and 50-388/NPF-22

The August 1994 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

R. G. Byram

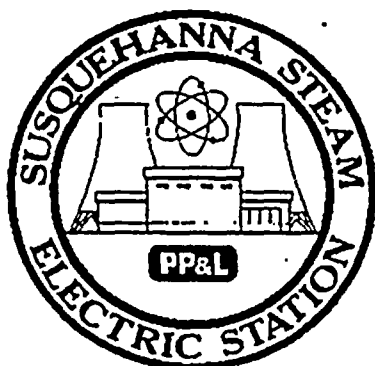
Attachment

cc: NRC Region I
Ms. M. Banerjee, NRC Sr. Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

200149

9409220105 940831
PDR ADDCK 05000387
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AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387

UNIT: One

DATE: 09-07-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH August 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1021</u>
2	<u>1020</u>
3	<u>1022</u>
4	<u>1018</u>
5	<u>1030</u>
6	<u>1039</u>
7	<u>1034</u>
8	<u>1032</u>
9	<u>1025</u>
10	<u>1031</u>
11	<u>1032</u>
12	<u>1025</u>
13	<u>1016</u>
14	<u>1020</u>
15	<u>1037</u>
16	<u>1028</u>

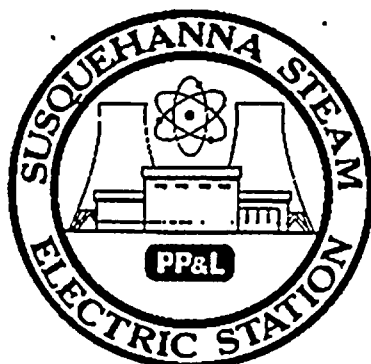
DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>1028</u>
18	<u>1024</u>
19	<u>1027</u>
20	<u>1023</u>
21	<u>1021</u>
22	<u>1030</u>
23	<u>1024</u>
24	<u>1035</u>
25	<u>1030</u>
26	<u>1031</u>
27	<u>1036</u>
28	<u>1034</u>
29	<u>1043</u>
30	<u>1047</u>
31	<u>1041</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.

OPERATING DATA REPORT



DOCKET NO.: 50-387
 DATE: 09-07-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: August 1994
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: None

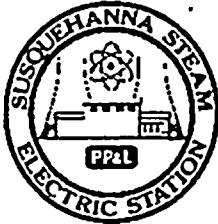
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>98,472</u>
12. Number of Hrs Reactor Was Critical	<u>744</u>	<u>5,363.4</u>	<u>76,311.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>744</u>	<u>5,320.6</u>	<u>74,825.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,451,957</u>	<u>17,179,172</u>	<u>235,665,690</u>
17. Gross Electrical Energy Generated (MWH)	<u>793,270</u>	<u>5,568,776</u>	<u>76,943,110</u>
18. Net Electric Energy Generated (MWH)	<u>765,737</u>	<u>5,363,164</u>	<u>73,925,672</u>
19. Unit Service Factor	<u>100.0</u>	<u>91.3</u>	<u>76.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>91.3</u>	<u>76.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.0</u>	<u>88.4</u>	<u>72.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.0</u>	<u>87.6</u>	<u>71.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)	<u>None.</u>		

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS



REPORT MONTH August 1994

DOCKET NO. 50-387
 UNIT NAME One
 DATE 09-07-94
 COMPLETED BY B. Ball
 TELEPHONE (717)542-3453

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
									No report required this month.

F: Forced
 S: Scheduled

Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation
 from previous month
 5-Reduction
 9-Other

Exhibit G-Instructions
 for preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG
 0161)

5
 Exhibit I-Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 09-07-94

Completed by B. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

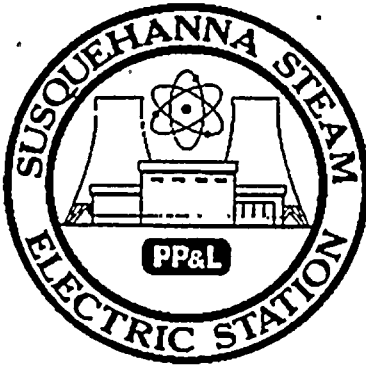
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 09-07-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH August 1994

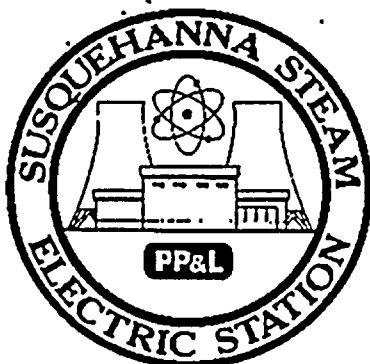
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1089</u>
2	<u>1089</u>
3	<u>1090</u>
4	<u>1088</u>
5	<u>1098</u>
6	<u>1087</u>
7	<u>1100</u>
8	<u>1097</u>
9	<u>1094</u>
10	<u>1100</u>
11	<u>1099</u>
12	<u>1035</u>
13	<u>659</u>
14	<u>1061</u>
15	<u>1101</u>
16	<u>1100</u>

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	<u>1094</u>
18	<u>1091</u>
19	<u>1093</u>
20	<u>1089</u>
21	<u>1087</u>
22	<u>1097</u>
23	<u>1103</u>
24	<u>1099</u>
25	<u>1094</u>
26	<u>1092</u>
27	<u>1091</u>
28	<u>1088</u>
29	<u>1096</u>
30	<u>1100</u>
31	<u>1094</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.

OPERATING DATA REPORT



DOCKET NO. 50-388
 DATE: 08-05-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717) 542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: August 1994
3. Licensed Thermal Power(MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: N/A

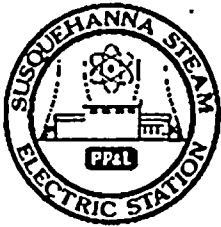
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	83,711
12. Number of Hrs Reactor Was Critical	744	3744.8	69,257.9
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	3650.0	67,861.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated(MWH)	2,411,674	11,483,101	215,810,731
17. Gross Electrical Energy Generated (MWH)	829,648	3,837,547	70,847,314
18. Net Electric Energy Generated (MWH)	801,538	3,678,927	68,184,103
19. Unit Service Factor	100.0	62.6	81.1
20. Unit Availability Factor	100.0	62.6	81.1
21. Unit Capacity Factor (Using MDC Net)	98.5	58.9	77.9
22. Unit Capacity Factor (Using DER Net)	97.9	58.6	77.5
23. Unit Forced Outage Rate	0	1.5	5.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)
None

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1994

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 09-07-94
 COMPLETED BY B. Ball
 TELEPHONE (717)542-3453

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
8	940812	S	0.0	B	5	NA	XX	ZZZ	Unit 2 reduced power to 35% at 2225 hours August 12 to perform a Control Rod Sequence Exchange. Other work completed during the power reduction included Condenser tube leak repairs and Reactor Recirc Mg Set brush changeout. The Unit returned to 100% power at 1100 hours August 14.

3

F: Forced
 S: Scheduled

Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

Method:
 1-Manual
 2-Manual Scram
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5
 Exhibit I-Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: 09-07-94

Completed by B. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.