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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 YOUNG, K.A. Pennsylvania Power & Light Co.
 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1993 for Susquehanna Steam Electric Station, Unit 1 & 2 W/930714 ltr.

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/774-5151

Robert G. Byram
Senior Vice President-Nuclear
215/774-7502

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

JUL 14 1993

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4000 FILE R41-2A

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

The June 1993 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

R. G. Byram
R. G. Byram

Attachment

cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. R. J. Clark, NRC Sr. Project Manager

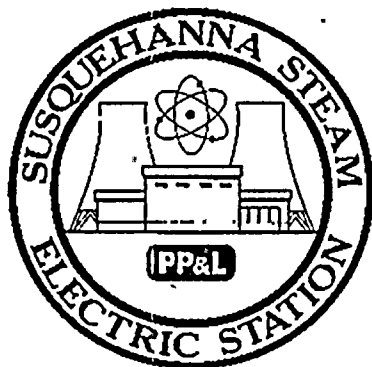
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AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387

UNIT: One

DATE: 07-9-93

COMPLETED BY: K.A. Young

TELEPHONE: (717)542-3251

MONTH June 1993

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1040</u>
2	<u>1041</u>
3	<u>1037</u>
4	<u>1037</u>
5	<u>1038</u>
6	<u>1037</u>
7	<u>1036</u>
8	<u>1028</u>
9	<u>1019</u>
10	<u>1017</u>
11	<u>1026</u>
12	<u>1029</u>
13	<u>1027</u>
14	<u>1026</u>
15	<u>1023</u>
16	<u>1027</u>

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>1023</u>
18	<u>1014</u>
19	<u>1013</u>
20	<u>1015</u>
21	<u>1021</u>
22	<u>1023</u>
23	<u>1032</u>
24	<u>1030</u>
25	<u>1024</u>
26	<u>1021</u>
27	<u>1021</u>
28	<u>1015</u>
29	<u>1021</u>
30	<u>1023</u>
31	<u> </u>

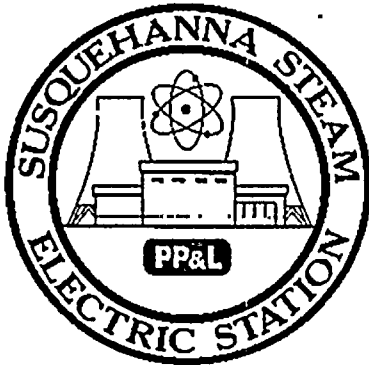
INSTRUCTIONS

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.



Small, faint, illegible marks or characters in the top right corner.

OPERATING DATA REPORT



DOCKET NO.: 50-387
 DATE: 07-9-93
 COMPLETED BY: K.A. Young
 TELEPHONE: (717)542-3251

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: June 1993
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

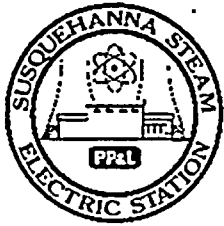
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>88,224</u>
12. Number of Hrs Reactor Was Critical	<u>720</u>	<u>4343</u>	<u>70,016.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>720</u>	<u>4343</u>	<u>68,641.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,364,764</u>	<u>14,023,092</u>	<u>215,820,757</u>
17. Gross Electrical Energy Generated (MWH)	<u>766,498</u>	<u>4,598,796</u>	<u>70,544,676</u>
18. Net Electric Energy Generated (MWH)	<u>738,791</u>	<u>4,442,495</u>	<u>67,808,284</u>
19. Unit Service Factor	<u>100</u>	<u>100</u>	<u>77.8</u>
20. Unit Availability Factor	<u>100</u>	<u>100</u>	<u>77.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.7</u>	<u>98.4</u>	<u>73.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.7</u>	<u>97.4</u>	<u>73.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>7.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each) <u>Refueling outage scheduled for 9-11-93, duration 70 days.</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 June 1993

DOCKET NO. 50-387
 UNIT NAME One
 DATE 7-9-93
 COMPLETED BY K.A. Young
 TELEPHONE (717)542-3251

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.

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)
 Exhibit I-Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 07-9-93

Completed by K. A. Young Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

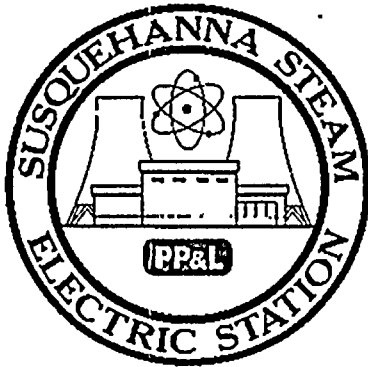
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 07-9-93

COMPLETED BY: K.A. Young

TELEPHONE: (717)542-3251

MONTH June 1993

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1052</u>
2	<u>1055</u>
3	<u>1050</u>
4	<u>1049</u>
5	<u>1048</u>
6	<u>1014</u>
7	<u>1045</u>
8	<u>1037</u>
9	<u>1032</u>
10	<u>1029</u>
11	<u>1037</u>
12	<u>1042</u>
13	<u>1040</u>
14	<u>1040</u>
15	<u>1037</u>
16	<u>1040</u>

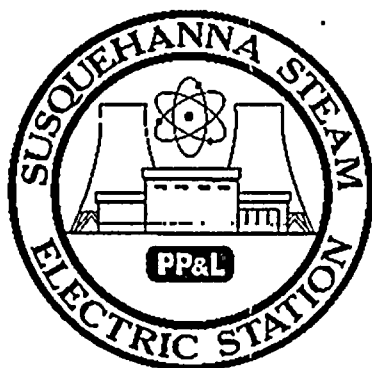
DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1037</u>
18	<u>1027</u>
19	<u>1024</u>
20	<u>1025</u>
21	<u>1032</u>
22	<u>1034</u>
23	<u>1044</u>
24	<u>1041</u>
25	<u>1033</u>
26	<u>1030</u>
27	<u>1031</u>
28	<u>1027</u>
29	<u>1030</u>
30	<u>1033</u>
31	<u> </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: 07-9-93
 COMPLETED BY: K.A. Young
 TELEPHONE: (717) 542-3251

Notes

OPERATING STATUS

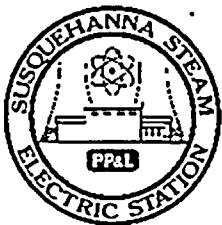
1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: June 1993
3. Licensed Thermal Power (Mwt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1082
7. Maximum Dependable Capacity (Net MWe): 1044
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	<u>720</u>	<u>4343</u>	<u>73,463</u>
12. Number of Hrs Reactor Was Critical	<u>720</u>	<u>4218.9</u>	<u>61,456.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>720</u>	<u>4157.1</u>	<u>60,274.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,364,798</u>	<u>13,473,832</u>	<u>191,466,291</u>
17. Gross Electrical Energy Generated (MWH)	<u>772,100</u>	<u>4,464,401</u>	<u>62,830,135</u>
18. Net Electric Energy Generated (MWH)	<u>746,312</u>	<u>4,312,705</u>	<u>60,480,019</u>
19. Unit Service Factor	<u>100</u>	<u>95.7</u>	<u>82.1</u>
20. Unit Availability Factor	<u>100</u>	<u>95.7</u>	<u>82.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.3</u>	<u>95.1</u>	<u>78.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.7</u>	<u>94.6</u>	<u>78.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>4.3</u>	<u>5.4</u>
24. Shutdowns Scheduled Over Next 6 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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1993

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 07-9-93
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

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.

1
 F: Forced
 S: Scheduled

2
 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)

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

4
 Exhibit G-Instructions for preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)
 5
 Exhibit I-Same Source



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SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: 7-9-93

Completed by K. A. Young Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.