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ACCESSION NBR: 9207220314 DOC. DATE: ~~92/06/30~~ NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 FULLER, L.L. Pennsylvania Power & Light Co.
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1992 for SSES units 1 & 2.
W/920715 ptr.

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NOTE TO ALL "RIDS" RECIPIENTS:

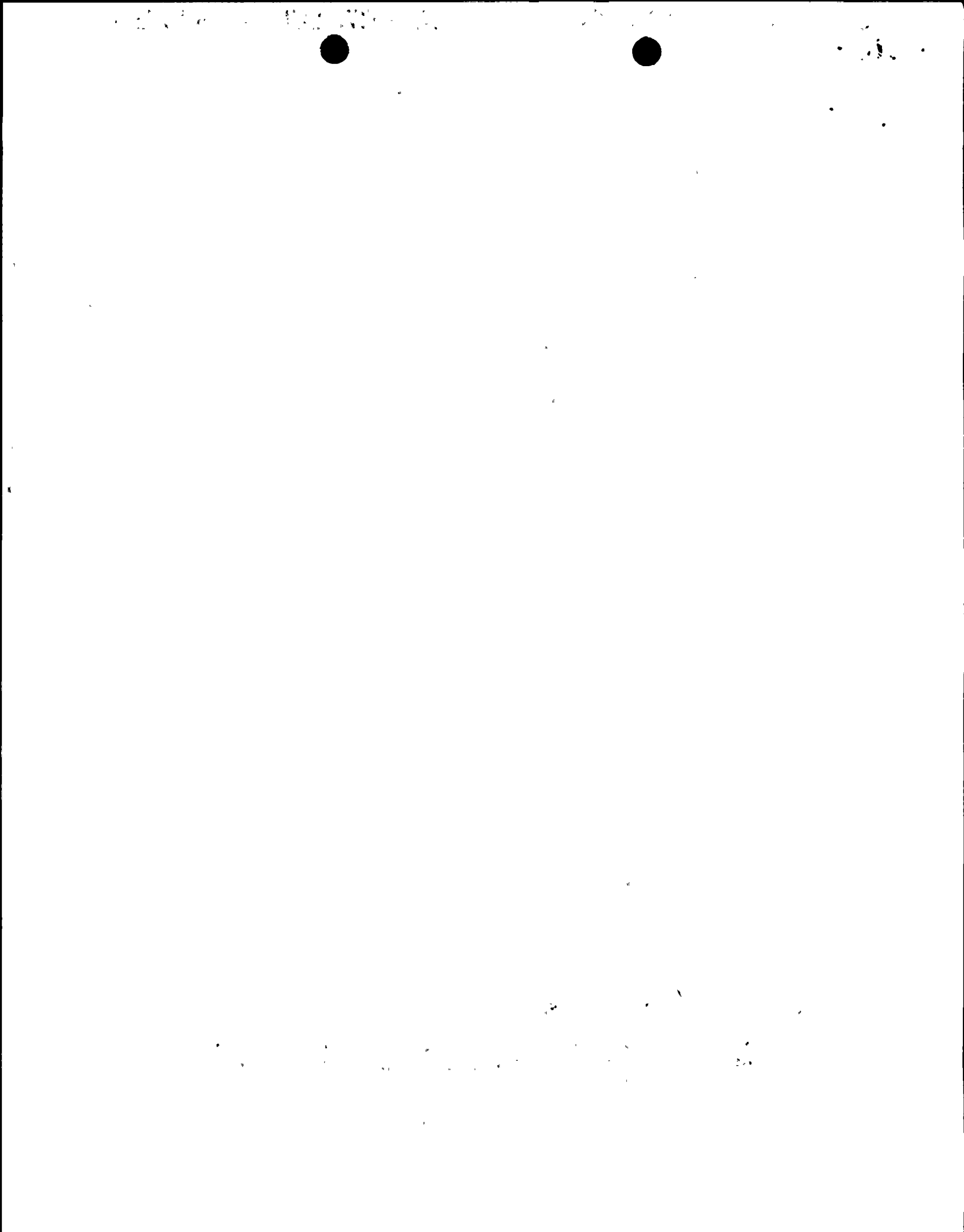
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Pennsylvania Power & Light Company

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

Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

JUL 15 1992

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3811 FILE R41-2A

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

The June 1992 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

Attachment

cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. G. F. Maxwell, Acting NRC Project Manager

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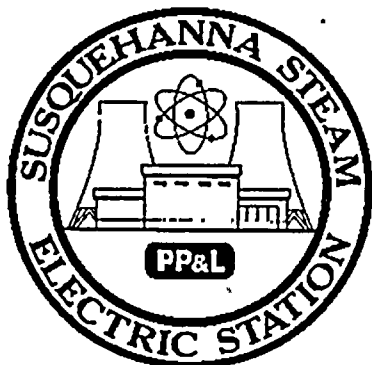
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AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-387

UNIT: One

DATE: 7-6-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717) 542-3858

MONTH June 1992

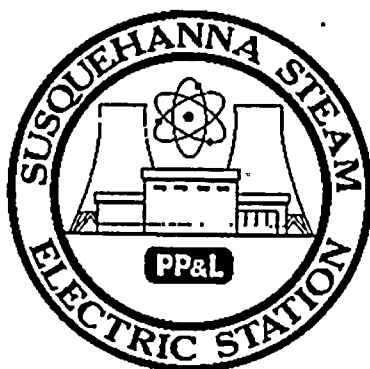
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	376
2	453
3	665
4	823
5	717
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	39
25	494
26	782
27	975
28	1044
29	1039
30	1033
31	

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: 7-6-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

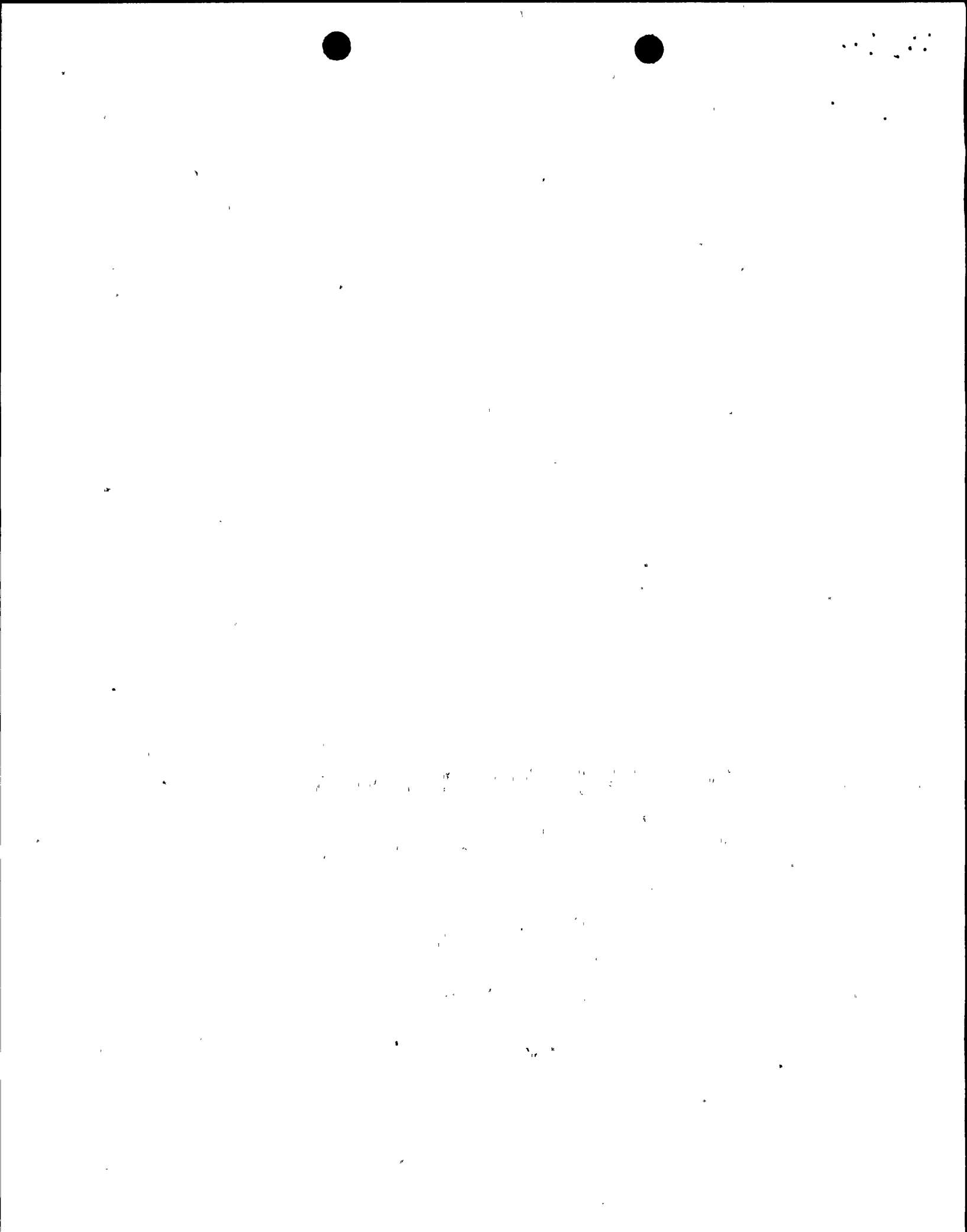
1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: June 1992
3. Licensed Thermal Power (Mwt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
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

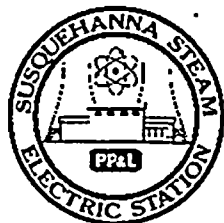
	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4367</u>	<u>79,464</u>
12. Number of Hrs Reactor Was Critical	<u>384.1</u>	<u>2377.0</u>	<u>61,302.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>276.8</u>	<u>2210.1</u>	<u>59,938.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>658,569</u>	<u>6,147,105</u>	<u>187,660,066</u>
17. Gross Electrical Energy Generated (MWH)	<u>211,396</u>	<u>2,013,724</u>	<u>61,307,036</u>
18. Net Electric Energy Generated (MWH)	<u>194,769</u>	<u>1,910,095</u>	<u>58,882,369</u>
19. Unit Service Factor	<u>38.5</u>	<u>50.6</u>	<u>75.4</u>
20. Unit Availability Factor	<u>38.5</u>	<u>50.6</u>	<u>75.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>26.0</u>	<u>42.1</u>	<u>71.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>25.8</u>	<u>41.7</u>	<u>70.6</u>
23. Unit Forced Outage Rate	<u>61.6</u>	<u>17.0</u>	<u>8.0</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 1992

DOCKET NO. 50-387
 UNIT NAME One
 DATE 7-6-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

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
5	920531	F	0.0	B	4	NA	AD	HX	Unit One reduced power from 74% to 39% starting at 1000 hours May 31. The unit entered single loop operation to allow cleaning of the reactor recirc MG-set lube oil heat exchangers. The Unit commenced power ascension to 80% power on June 3 at 0400 hours.

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

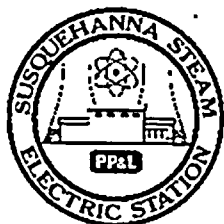
Exhibit G-Instructions for preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

5

Exhibit I-Same Source



UNIT SHUTDOWNS AND POWER REDUCTIONS



REPORT MONTH June 1992

DOCKET NO. 50-387
 UNIT NAME One
 DATE 7-6-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717) 542-3858

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
6	920605	F	443.2	B	2	NA	SJ	V	Unit One commenced a power reduction from 80% power on June 5 at 1900 hours to repair isolation valves to the "A" Reactor Feed Pump. The isolation valves were repaired and startup of the unit started on June 10. Startup was later halted at 2% power, and the unit manually scrammed at 1445 hours June 13 due to an ignition of the charcoal in the 1B offgas guard bed. See LER #92-010 for details. After repairs to the guard beds, Unit One was returned to service at 1209 hours June 24. The unit reached 100% power at 1700 hours June 27.

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

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: July 6, 1992

Completed by L. L. Fuller Telephone: (717) 542-3858

Challenges to Main Steam Safety Relief Valves

None.

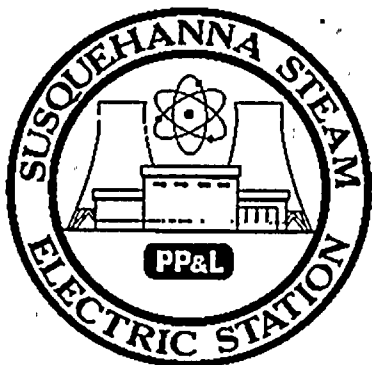
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 7-6-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717)542-3858

MONTH June 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1050
2	1051
3	1049
4	1046
5	1046
6	1041
7	1041
8	1036
9	1047
10	1047
11	1048
12	1047
13	1044
14	1039
15	1044
16	1046

DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

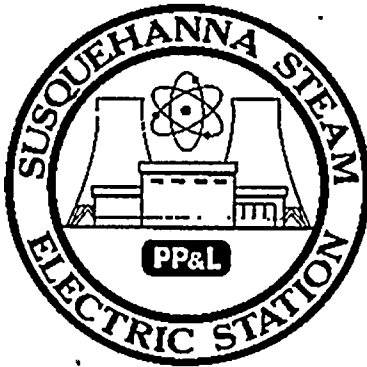
17	1013
18	971
19	1043
20	1049
21	1056
22	1057
23	1051
24	1048
25	1049
26	1046
27	1048
28	1046
29	1041
30	1036
31	

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: 7-6-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit Two)
2. Reporting Period: June 1992
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: None

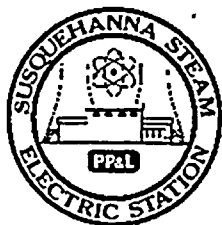
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4367</u>	<u>64,703</u>
12. Number of Hrs Reactor Was Critical	<u>720</u>	<u>4257</u>	<u>54,238.8</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>4223.3</u>	<u>53,220.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,366,258</u>	<u>13,703,354</u>	<u>169,066,289</u>
17. Gross Electrical Energy Generated (MWH)	<u>777,248</u>	<u>4,533,314</u>	<u>55,440,338</u>
18. Net Electric Energy Generated (MWH)	<u>750,586</u>	<u>4,375,906</u>	<u>53,363,097</u>
19. Unit Service Factor	<u>100</u>	<u>96.7</u>	<u>82.3</u>
20. Unit Availability Factor	<u>100</u>	<u>96.7</u>	<u>82.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.9</u>	<u>96.0</u>	<u>79.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.3</u>	<u>95.4</u>	<u>78.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.3</u>	<u>5.7</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)			
	<u>Refuel Outage, September 12, 1992 for 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



DOCKET NO. 50-388
 UNIT NAME Two
 DATE 7-6-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

REPORT MONTH June 1992

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 for June 1992.

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: July 6, 1992

Completed by L. L. Fuller Telephone: (717) 542-3858

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

