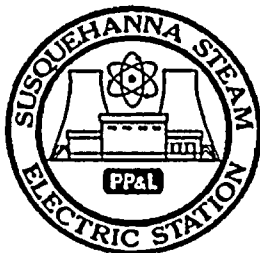


# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
 UNIT One  
 DATE 06-06-96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

MONTH May 1996

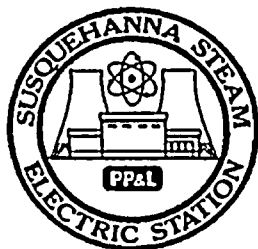
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1101	17.	1097
2.	1100	18.	1063
3.	1098	19.	1076
4.	1096	20.	1077
5.	1100	21.	1083
6.	1104	22.	1095
7.	1106	23.	1095
8.	1103	24.	1097
9.	1101	25.	683
10.	1071	26.	805
11.	765	27.	969
12.	987	28.	1093
13.	1108	29.	1085
14.	1106	30.	1102
15.	1104	31.	1099
16.	1103		

**INSTRUCTION:**

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.

9606210009 960531  
 PDR ADOCK 05000387  
 R PDR

# OPERATING DATA REPORT



DOCKET NO. 50-387  
 UNIT One  
 DATE 06/06/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

**NOTES**

**OPERATING STATUS**

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: May 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
8. If changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:  
NONE

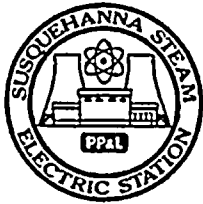
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	3,647	113,808
12. Number of Hours Reactor Was Critical	744	3,647	90,064.0
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	3,647	88,530.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,453,634	12,398,311	280,775,500
17. Gross Electrical Energy Generated (MWH)	812,171	4,130,921	91,952,287
18. Net Electrical Energy Generated (MWH)	784,101	3,987,414	88,390,017
19. Unit Service Factor	100.0	100.0	77.8
20. Unit Availability Factor	100.0	100.0	77.8
21. Unit Capacity Factor (Using MDC Net)	96.7	100.3	74.3
22. Unit Capacity Factor (Using DER Net)	95.8	99.4	73.6
23. Unit Forced Outage Rate	0	0	6.8

24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
9th Refuel Outage; start September 7, 1996; duration 36 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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-387  
 UNIT One  
 DATE 06/06/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH May 1996

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
2	960510	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 commenced a power reduction to as low as 65% at 2130 hours May 10 to perform a control rod sequence exchange. Additional work during the downpower included control rod scram timing and condenser waterbox inspections. The Unit commenced power increase at 2130 hours May 11 but was put on hold due to a PJM Minimum Generation Emergency. The unit reached 100% power at 0130 hours May 13.
3	960525	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 commenced a power reduction to as low as 40 % power at 0530 hours May 25 to support preliminary work on a modification to the Supplemental Decay Heat Removal System that will tie-in cooling water from the River Water Makeup System for use during Refueling outages. The downpower was necessary to remove the RWMU line from service. The Unit commenced startup at 1555 hours May 25 but was put on hold at 0423 hours May 26 due to a PJM Minimum Generation Emergency. Additionally the "B" Main condenser Waterbox was isolated to locate and repair condenser tube leaks. The ramp back to 100% recommenced at 0600 hours May 27. The Unit returned to 100% power at 2125 hours May 27.

- |                                 |   |  |   |                               |
|---------------------------------|---|--|---|-------------------------------|
| 1.<br>F. Forced<br>S. Scheduled | 2.<br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training & License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) | 3.<br>Method:<br>1- Manual<br>2- Manual Scram<br>3- Automatic Scram<br>4- Continuation from previous month<br>5- Reduction<br>9- Other | 4.<br>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161) | 5.<br>Exhibit I - Same Source |
|---------------------------------|---|--|---|-------------------------------|

**SUSQUEHANNA STEAM ELECTRIC STATION**

**Docket Number: 50-387**

**Date: 06/06/96**

**Completed by: R. S. Mattern**

**Telephone: (717) 542-3453**

**Challenges to Main Steam Safety Relief Valves**

**None.**

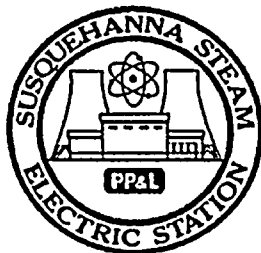
**Changes to the Offsite Dose Calculation Manual**

**Yes. See Attachment A for changes.**

**Major Changes to Radioactive Waste Treatment System**

**None.**

## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.	50-388
UNIT	Two
DATE	06/06/96
COMPLETED BY	R. S. Mattern
TELEPHONE	(717) 542-3453

MONTH May 1996

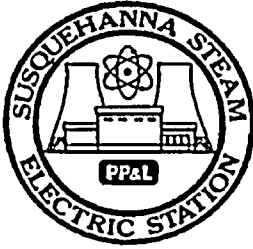
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1112
2.	1110
3.	1108
4.	1106
5.	1081
6.	1095
7.	1111
8.	1110
9.	1108
10.	1102
11.	1100
12.	1112
13.	1112
14.	1112
15.	1110
16.	1109

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1104
18.	1096
19.	1088
20.	1087
21.	1092
22.	1101
23.	1102
24.	1102
25.	668
26.	925
27.	1099
28.	1103
29.	1105
30.	1106
31.	1104

**INSTRUCTION:**

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  
 UNIT Two  
 DATE 06/06/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

NOTES:

## OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: May 1996
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:  
NONE

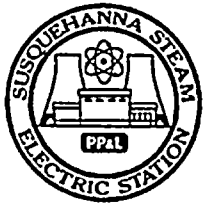
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	3,647	99,047
12. Number of Hours Reactor Was Critical	744	3,647	83,610.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	3,647	82,130.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,504,334	12,420,551	265,506,437
17. Gross Electrical Energy Generated (MWH)	833,854	4,160,893	86,830,139
18. Net Electrical Energy Generated (MWH)	805,899	4,020,122	83,613,763
19. Unit Service Factor	100.0	100.0	82.9
20. Unit Availability Factor	100.0	100.0	82.9
21. Unit Capacity Factor (Using MDC Net)	99.0	100.8	80.1
22. Unit Capacity Factor (Using DER Net)	98.5	100.2	79.6
23. Unit Forced Outage Rate	0	0	4.7
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>NONE</u>			

11. If Shut Down at End of Report Period, Estimated Date of Startup: \_\_\_\_\_
12. 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 Two  
 DATE 06/06/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH May 1996

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
3	960525	S	0.0	B	5	NA	XX	ZZZ	Unit 2 commenced a power reduction to as low as 40% power at 0500 hours May 25 to support preliminary work on a modification to the Supplemental Decay Heat Removal System that will tie-in cooling water from the River Water Makeup System for use during Refueling outages. The downpower was necessary to remove the RWMU line from service. Also during the downpower, a control rod sequence exchange and control rod scram timing were performed. The unit returned to 100% power at 0433 hours May 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: 50-388

Date: 06/06/96

Completed by: R. S. Mattern

Telephone: (717) 542-35453

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

Yes. See Attachment A for changes.

Major Changes to Radioactive Waste Treatment System

None.



