

# CATEGORY 1

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9604220193      DOC. DATE: 96/03/31      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  
 YOUNG, K.A.                      Pennsylvania Power & Light Co.  
 BYRAM, R.G.                      Pennsylvania Power & Light Co.  
 RECIP. NAME                      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Mar 1996 for SSES units 1 & 2.  
 W/960415 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

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**Pennsylvania Power & Light Company**

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram  
Senior Vice President-Nuclear  
610/774-7502  
Fax: 610/774-5019

APR 15 1996

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

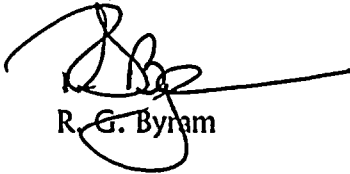
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SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
PLA-4447 FILE R41-2A

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

The March 1996 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



R. G. Byram

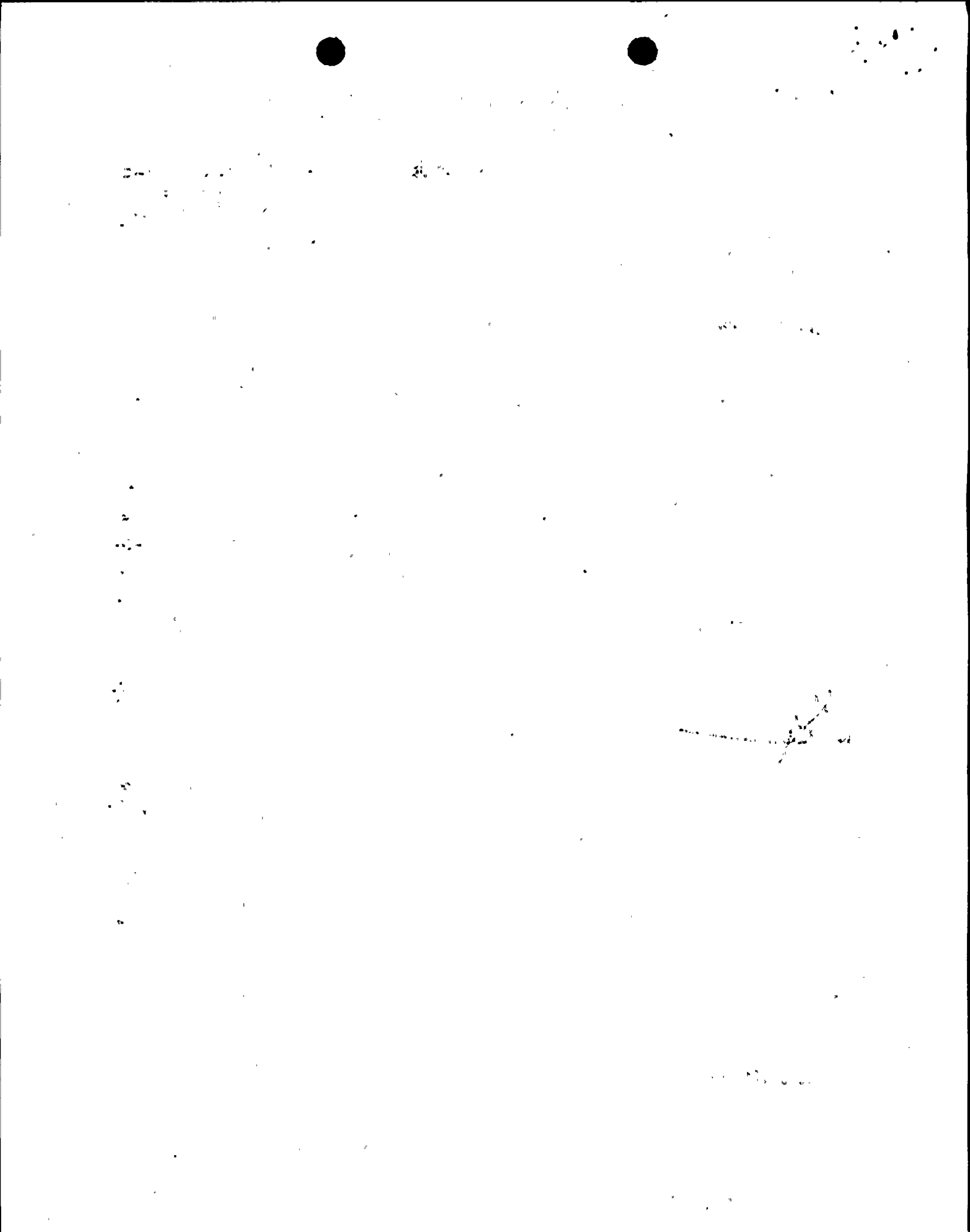
Attachment

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

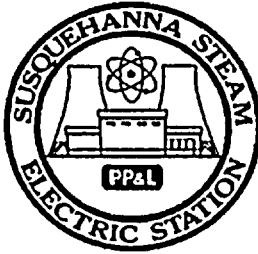
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R PDR





# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
 UNIT One  
 DATE 04-04-96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

MONTH March 1996

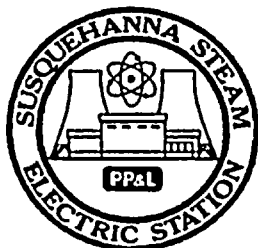
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1110
2.	1109
3.	1110
4.	1110
5.	1107
6.	1108
7.	1110
8.	1079
9.	896
10.	1087
11.	1110
12.	1109
13.	1109
14.	1104
15.	1107
16.	1110

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1110
18.	1109
19.	1107
20.	1110
21.	1110
22.	1111
23.	1111
24.	1110
25.	1104
26.	1110
27.	1112
28.	1109
29.	1109
30.	1106
31.	1105

**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. 50-387  
 UNIT One  
 DATE 04/04/96  
 COMPLETED BY K.A. Young  
 TELEPHONE (717) 542-3251

## NOTES

### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: March 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

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

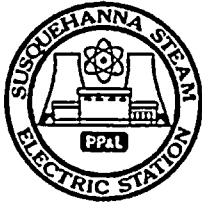
	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	2184	112,345
12. Number of Hours Reactor Was Critical	744	2184	88,601.0
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	2184	87,067.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,532,354	7,479,807	275,856,996
17. Gross Electrical Energy Generated (MWH)	847,246	2,497,855	90,319,221
18. Net Electrical Energy Generated (MWH)	818,616	2,411,152	86,813,755
19. Unit Service Factor	100.0	100.0	77.5
20. Unit Availability Factor	100.0	100.0	77.5
21. Unit Capacity Factor (Using MDC Net)	100.9	101.3	74.0
22. Unit Capacity Factor (Using DER Net)	100.0	100.4	73.3
23. Unit Forced Outage Rate	0	0	6.9

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 04/04/96  
 COMPLETED BY K.A. Young  
 TELEPHONE (717) 542-3251

REPORT MONTH March 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
1	960308	S	0.0	B	5	NA	XX	ZZZ	Unit 1 commenced a power reduction to as low as 69% power at 2100 hours March 8 to perform control rod sequence exchange. Additional work during downpower included MSIV testing and control rod scram timing. The unit returned to 100% power at 1005 hours March 10.

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: 04/04/96**

**Completed by: K.A. Young**

**Telephone: (717) 542-3251**

**Challenges to Main Steam Safety Relief Valves**

**None.**

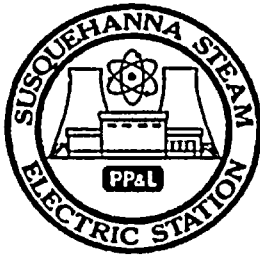
**Changes to the Offsite Dose Calculation Manual**

**None.**

**Major Changes to Radioactive Waste Treatment System**

**None.**

# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388  
 UNIT Two  
 DATE 04/04/96  
 COMPLETED BY K.A. Young  
 TELEPHONE (717) 542-3251

MONTH March 1996

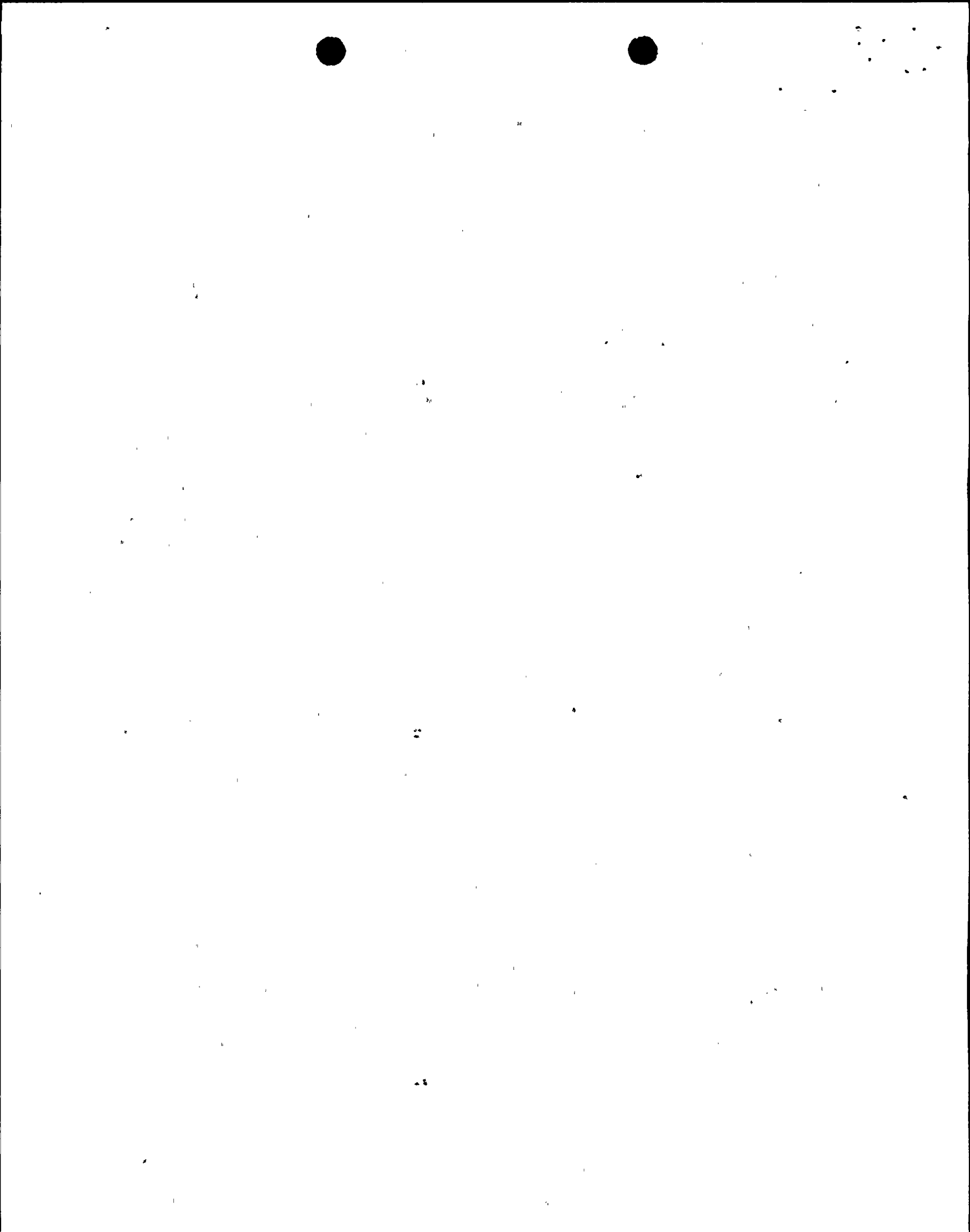
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1114
2.	1113
3.	1114
4.	1114
5.	1113
6.	1113
7.	1113
8.	1114
9.	1114
10.	1113
11.	1113
12.	1113
13.	1113
14.	1111
15.	1112
16.	1113

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1114
18.	1112
19.	1110
20.	1111
21.	1112
22.	1112
23.	1113
24.	1112
25.	1108
26.	1112
27.	1114
28.	1114
29.	1114
30.	1114
31.	1112

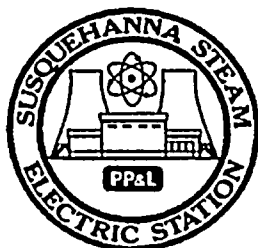
**INSTRUCTION:**

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 04/04/96  
 COMPLETED BY K.A. Young  
 TELEPHONE (717) 542-3251

**NOTES:**

OPERATING STATUS

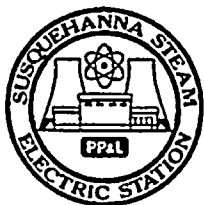
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: March 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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	2,184	97,584
12. Number of Hours Reactor Was Critical	744	2,184	82,147.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	2,184	80,667.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,552,896	7,465,107	260,550,993
17. Gross Electrical Energy Generated (MWH)	857,811	2,507,483	85,176,729
18. Net Electrical Energy Generated (MWH)	827,814	2,421,114	82,014,755
19. Unit Service Factor	100.0	100.0	82.7
20. Unit Availability Factor	100.0	100.0	82.7
21. Unit Capacity Factor (Using MDC Net)	101.7	101.3	79.8
22. Unit Capacity Factor (Using DER Net)	101.2	100.8	79.3
23. Unit Forced Outage Rate	0	0	4.8
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 04/04/96  
 COMPLETED BY K.A. Young  
 TELEPHONE (717) 542-3251

REPORT MONTH March 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
									No report required this month.

- |                                 |                                                                                                                                                                                                                                                           |                                                                                                                                        |                                                                                                                       |                               |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 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: 50-388**

**Date: 04/04/96**

**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 System**

**None.**



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