

# CATEGORY 1

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ACCESSION NBR: 9705210306      DOC. DATE: 97/04/30      NOTARIZED: NO      DOCKET #  
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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv      05000388  
 AUTH. NAME      AUTHOR AFFILIATION  
 MATTERN, B.      Pennsylvania Power & Light Co.  
 KUCZYNSKI, G.J.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1997 for Susquehanna Steam Electric Station Units 1 & 2. W/970514 ltr.

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NOTES: 05000387

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**Pennsylvania Power & Light Company**

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**SUSQUEHANNA STEAM ELECTRIC STATION  
P.O. BOX 467  
Berwick, PA 18603**

*George J. Kuczynski*  
**General Manager - Susquehanna SES**  
(717) 542-3120  
Fax: (717) 542-1949

**Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6**

May 14, 1997

U. S Nuclear Regulatory Commission  
Attn: Document Control Desk  
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**SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS Docket Nos. 50-387/NPF-14  
and 50-388/NPF-22  
PLA - 4624 FILE R41-2A**

The April 1997 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

*G. J. Kuczynski*  
G. J. Kuczynski

/cmm

Attachment

copy: NRC Region 1  
Mr. K. Jenison, NRC Sr. Resident Inspector  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

9705210306 970430  
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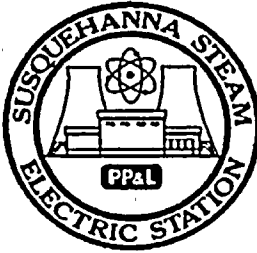
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**AVERAGE DAILY-UNIT POWER LEVEL**



DOCKET NO. 50-387  
 UNIT One  
 DATE 5-07-97  
 COMPLETED BY Becky Mattern  
 TELEPHONE (717) 542-3453

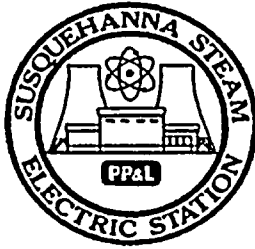
MONTH April 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1117</u>	17.	<u>1113</u>
2.	<u>1115</u>	18.	<u>1115</u>
3.	<u>1113</u>	19.	<u>1115</u>
4.	<u>1111</u>	20.	<u>1114</u>
5.	<u>1115</u>	21.	<u>1115</u>
6.	<u>1108</u>	22.	<u>1115</u>
7.	<u>1110</u>	23.	<u>1113</u>
8.	<u>1115</u>	24.	<u>1114</u>
9.	<u>1118</u>	25.	<u>1116</u>
10.	<u>1117</u>	26.	<u>1115</u>
11.	<u>1117</u>	27.	<u>1114</u>
12.	<u>1114</u>	28.	<u>1113</u>
13.	<u>1113</u>	29.	<u>1112</u>
14.	<u>1116</u>	30.	<u>1107</u>
15.	<u>1116</u>	31.	<u>          </u>
16.	<u>1114</u>		

**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 5/07/97  
 COMPLETED BY Becky Mattern  
 TELEPHONE (717) 542-3453

**NOTES**

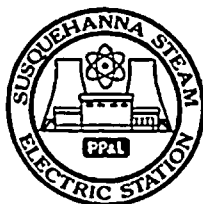
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: April 1997
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	719	2879	121,824
12. Number of Hours Reactor Was Critical	719	2535.0	96,496.8
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	719	2394.0	94,712.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,470,521	8,135,554	301,771,135
17. Gross Electrical Energy Generated (MWH)	828,970	2,732,767	98,607,961
18. Net Electrical Energy Generated (MWH)	800,972	2,628,383	94,783,878
19. Unit Service Factor	100.0	83.2	77.8
20. Unit Availability Factor	100.0	83.2	77.8
21. Unit Capacity Factor (Using MDC Net)	102.2	83.8	74.2
22. Unit Capacity Factor (Using DER Net)	101.3	83.0	73.5
23. Unit Forced Outage Rate	0	16.9	7.1
24. Shut Down 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

DOCKET NO. 50-387  
 UNIT One  
 DATE 05/07/97  
 COMPLETED BY Becky Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH April 1997

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.  
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: 5/07/97

Completed by: Becky Mattern

Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

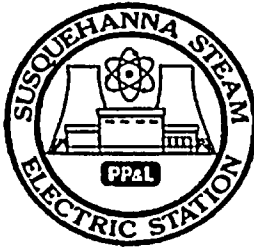
Major Changes to Radioactive Waste Treatment System

None.





# OPERATING DATA REPORT



DOCKET NO. 50-388  
 UNIT Two  
 DATE 5/07/97  
 COMPLETED BY Becky Mattern  
 TELEPHONE (717) 542-3453

NOTES:

OPERATING STATUS

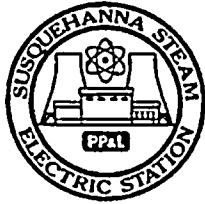
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: April 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2,879	107,063
12. Number of Hours Reactor Was Critical	0	1754.4	90,112.4
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	0	1753.6	88,583.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	5,676,889	287,123,944
17. Gross Electrical Energy Generated (MWH)	0	1,905,828	94,029,740
18. Net Electrical Energy Generated (MWH)	-8,310	1,826,032	90,546,848
19. Unit Service Factor	0.0	60.9	82.7
20. Unit Availability Factor	0.0	60.9	82.7
21. Unit Capacity Factor (Using MDC Net)	0.0	58.0	80.0
22. Unit Capacity Factor (Using DER Net)	0.0	57.7	79.6
23. Unit Forced Outage Rate	0	0	4.8
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	_____		

25. If Shut Down at End of Report Period, Estimated Date of Startup: May 10, 1997
26. Units in Test Status (Prior to Commerical Operation):
 

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**



DOCKET NO. 50-388  
 UNIT Two  
 DATE 5/07/97  
 COMPLETED BY Becky Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH April 1997

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
4	970314	S	719	C	4	NA	XX	ZZZ	Unit 2 commenced shutdown from 86% power at 1215 hours March 14. Main generator was taken offline at 0138 hours and the reactor manually scrammed at 0224 hours March 15. The Unit remained in its 8th Refuel Inspection Outage through the month of April.

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: 5/07/97**

**Completed by: Becky Mattern**

**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 System**

**None.**

