

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9709190074 DOC. DATE: 97/08/31 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
 MATTERN, R.S. Pennsylvania Power & Light Co.
 KUCZYNSKI, G.J. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1997 for SSES, Units 1 & 2.
 W/970912 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

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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

September 12, 1997

Submitted pursuant to Technical
Specifications Section 6.9.1.6

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 4673- FILE R41-2A

The August 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

FE 24 1/1

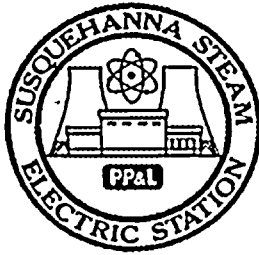
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190015



AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387
 UNIT One
 DATE 9-05-97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

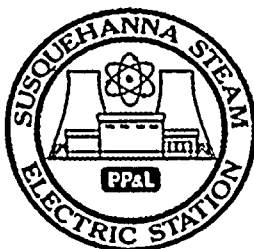
MONTH August 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1093</u>	17.	<u>1091</u>
2.	<u>1089</u>	18.	<u>1099</u>
3.	<u>1089</u>	19.	<u>1101</u>
4.	<u>1096</u>	20.	<u>1101</u>
5.	<u>1098</u>	21.	<u>1099</u>
6.	<u>1101</u>	22.	<u>1067</u>
7.	<u>1100</u>	23.	<u>870</u>
8.	<u>1098</u>	24.	<u>1085</u>
9.	<u>1094</u>	25.	<u>1098</u>
10.	<u>1090</u>	26.	<u>1095</u>
11.	<u>1088</u>	27.	<u>1095</u>
12.	<u>1093</u>	28.	<u>1094</u>
13.	<u>1087</u>	29.	<u>1097</u>
14.	<u>1096</u>	30.	<u>1098</u>
15.	<u>1095</u>	31.	<u>1094</u>
16.	<u>1083</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 09/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

NOTES

OPERATING STATUS

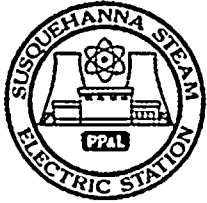
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: August 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
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	744	5,831	124,776
12. Number of Hours Reactor Was Critical	744	5,487.0	99,448.8
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	5,346.0	97,664.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,536,061	18,212,069	311,847,650
17. Gross Electrical Energy Generated (MWH)	837,259	6,070,871	101,946,065
18. Net Electrical Energy Generated (MWH)	808,150	5,850,966	98,006,461
19. Unit Service Factor	100.0	91.7	78.3
20. Unit Availability Factor	100.0	91.7	78.3
21. Unit Capacity Factor (Using MDC Net)	99.7	92.1	74.9
22. Unit Capacity Factor (Using DER Net)	98.8	91.2	74.2
23. Unit Forced Outage Rate	0	8.3	6.9
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 09/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH August 1997

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
7	970822	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 commenced a power reduction to as low as 75% power at 2018 hours August 22 to perform a control rod sequence exchange and condenser waterbox tube leak investigation. Two condenser tubes were found to be leaking and were plugged. The Unit returned to 100% power at 0834 hours August 24.

- | | | | | |
|--|---|--|---|---------------------------------------|
| <p>1.
F. Forced
S. Scheduled</p> | <p>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)</p> | <p>3.
Method:
1- Manual
2- Manual Scram
3- Automatic Scram
4- Continuation from previous month
5- Reduction
9- Other</p> | <p>4.
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p> | <p>5.
Exhibit I - Same Source</p> |
|--|---|--|---|---------------------------------------|

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number: 50-387

Date: 09/05/97

Completed by: R. S. Mattern

Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

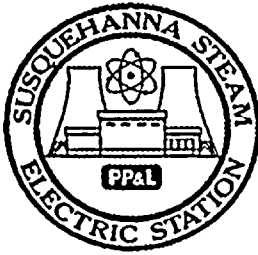
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388
 UNIT Two
 DATE 09/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

MONTH August 1997

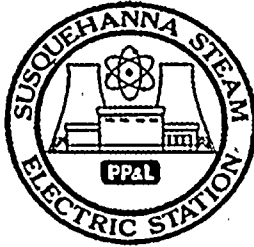
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1093
2.	1088
3.	1088
4.	1094
5.	1098
6.	1098
7.	1098
8.	1096
9.	1091
10.	1088
11.	1087
12.	1089
13.	1083
14.	1092
15.	1089
16.	1081

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1084
18.	1094
19.	1097
20.	1097
21.	1094
22.	1098
23.	1097
24.	1099
25.	1098
26.	1092
27.	1090
28.	1090
29.	1092
30.	1094
31.	1090

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 09/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

NOTES:

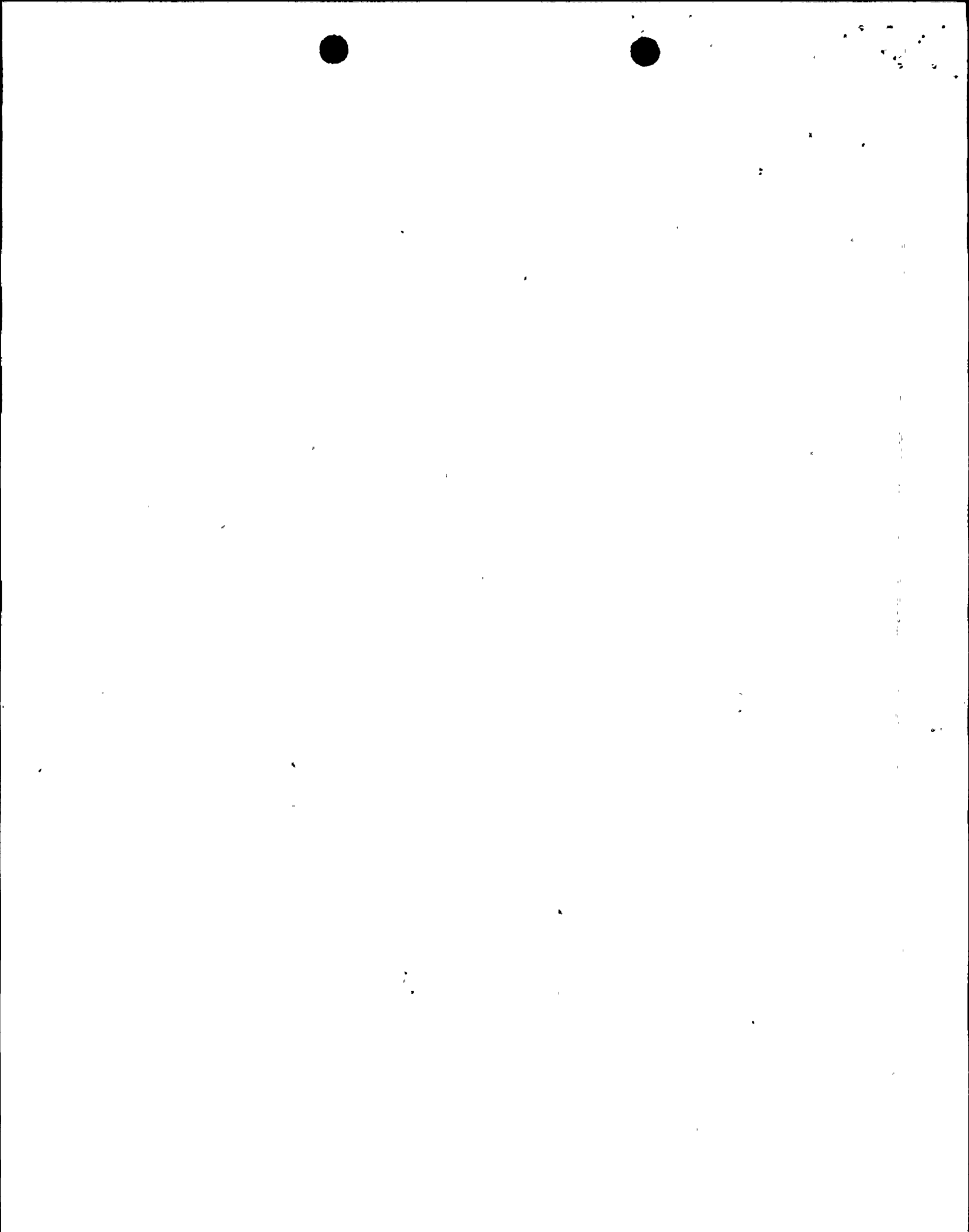
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: August 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: N/A

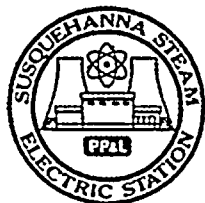
	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	5,831	110,015
12. Number of Hours Reactor Was Critical	744	4,531.2	92,889.2
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	4,471.3	91,301.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,532,373	14,746,146	296,193,201
17. Gross Electrical Energy Generated (MWH)	841,407	4,916,814	97,040,726
18. Net Electrical Energy Generated (MWH)	812,561	4,730,893	93,451,709
19. Unit Service Factor	100.0	76.7	83.0
20. Unit Availability Factor	100.0	76.7	83.0
21. Unit Capacity Factor (Using MDC Net)	99.8	74.2	80.3
22. Unit Capacity Factor (Using DER Net)	99.3	73.8	79.8
23. Unit Forced Outage Rate	0	0	4.7
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 09/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH August 1997

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 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: 50-388

Date: 09/05/97

Completed by: R. S. Mattern

Telephone: (717) 542-35453

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.