

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9708190300 DOC. DATE: 97/07/31 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 July 1997 for SSES.W/970815 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

05000387

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	OC/DBA/PAD	1 1	RGN1	1 1
EXTERNAL:	LITCO BRYCE, J H	1 1	NOAC	1 1
	NRC PDR	1 1		
NOTES:		1 1		

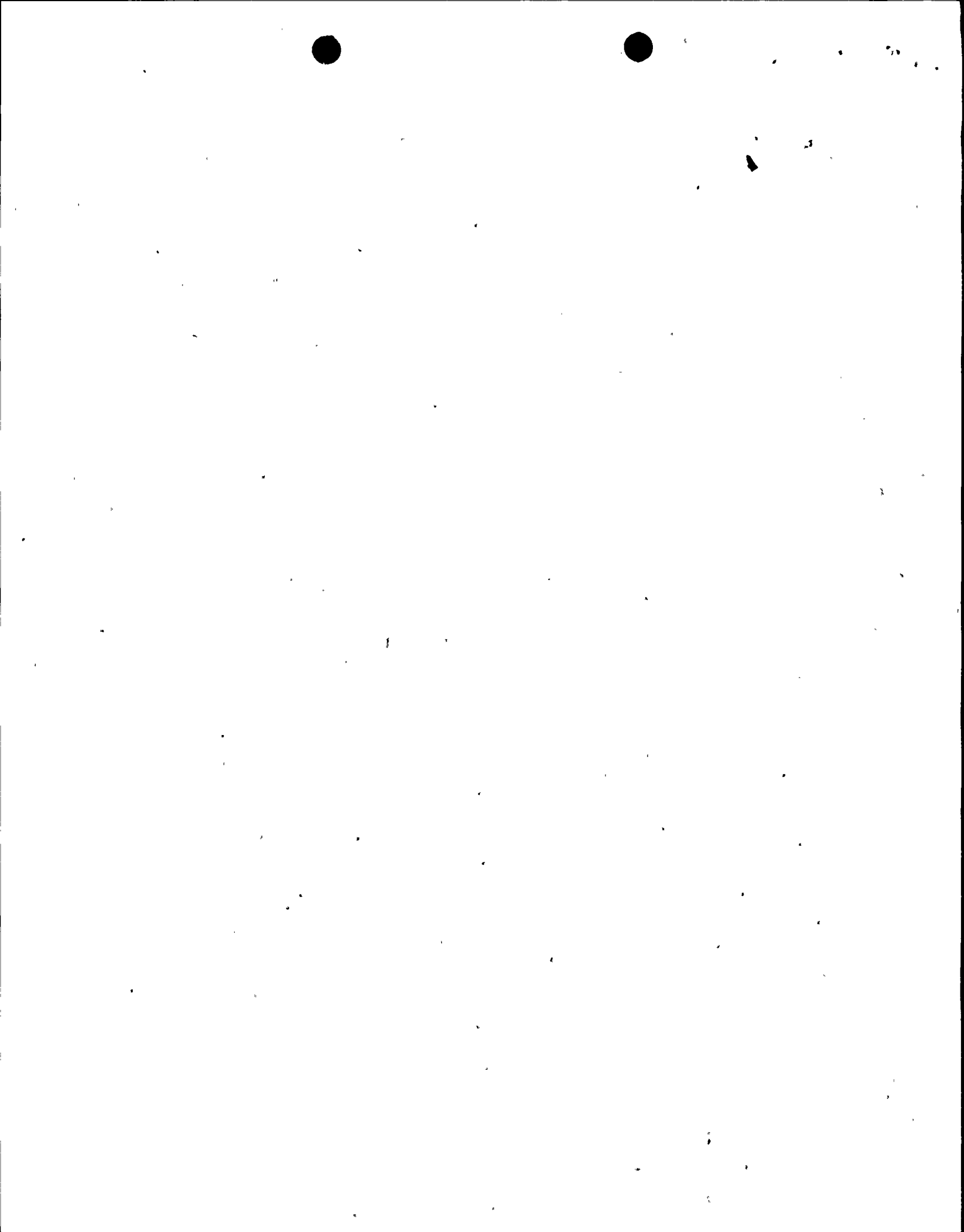
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SUSQUEHANNA STEAM ELECTRIC STATION
P.O. BOX 467
Berwick, PA 18603

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

August 15, 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
PLAS - 720 FILE R41-2A

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

Very truly yours,


G. J. Kuczynski

/cmm

Attachment

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

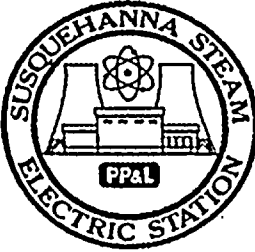
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AVERAGE DAILY UNIT POWER LEVEL



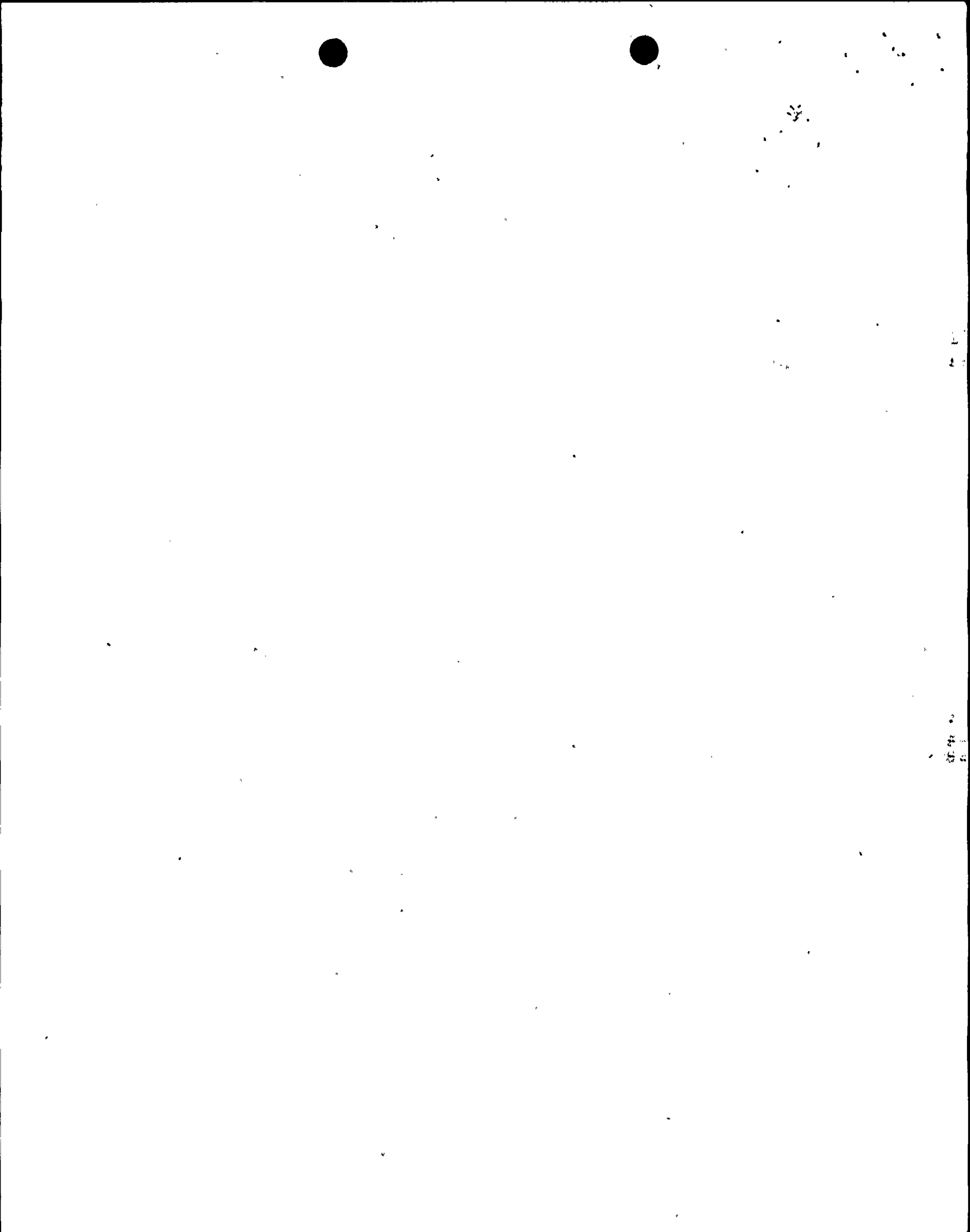
DOCKET NO. 50-387
 UNIT One
 DATE 08-05-97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

MONTH July 1997

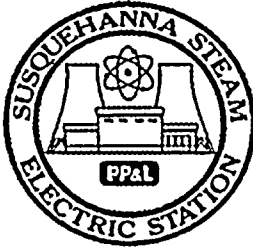
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1095	17.	1086
2.	1095	18.	1087
3.	1088	19.	780
4.	1067	20.	1075
5.	910	21.	1092
6.	1095	22.	1093
7.	1095	23.	1097
8.	1094	24.	1100
9.	1091	25.	1095
10.	1099	26.	1091
11.	1098	27.	1082
12.	1095	28.	1087
13.	1091	29.	1098
14.	1088	30.	1100
15.	1083	31.	1095
16.	1085		

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 08/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

NOTES

OPERATING STATUS

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

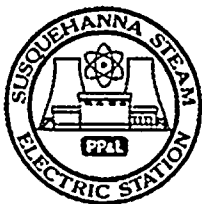
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions; If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>744</u>	<u>5,087</u>	<u>124,032</u>
12. Number of Hours Reactor Was Critical	<u>744</u>	<u>4,743.0</u>	<u>98,704.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>744</u>	<u>4,602.0</u>	<u>96,920.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,515,663</u>	<u>15,676,008</u>	<u>309,311,589</u>
17. Gross Electrical Energy Generated (MWH)	<u>829,013</u>	<u>5,233,612</u>	<u>101,108,806</u>
18. Net Electrical Energy Generated (MWH)	<u>799,770</u>	<u>5,042,816</u>	<u>97,198,311</u>
19. Unit Service Factor	<u>100.0</u>	<u>90.5</u>	<u>78.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>90.5</u>	<u>78.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.6</u>	<u>91.0</u>	<u>74.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.7</u>	<u>90.1</u>	<u>74.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>9.5</u>	<u>6.9</u>
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 08/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH July 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
5	970704	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 commenced a power reduction to as low as 70% power at 2118 hours July 4 to perform a control rod sequence exchange, scram time testing and MSIV stroking. Following completion of these items, power was temporarily maintained at 70% power due to a PJM minimum generation emergency. The Unit returned to 100% power at 0432 hours July 6.
6	970719	S	0.0	B	5	N/A	AD	ZZZ	Unit 1 commenced a power reduction to as low as 40% power at 0030 hours July 19 to perform Reactor Recirc Single loop testing. The Unit returned to 100% power at 1007 hours July 20.

- | | | | | |
|--|--|---|--|--------------------------------------|
| 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: 08/05/97

Completed by: R. S. Mattern

Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

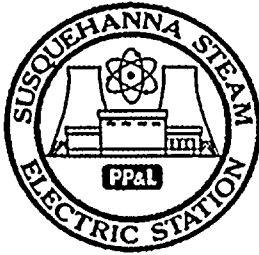
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.	50-388
UNIT	Two
DATE	08/05/97
COMPLETED BY	R. S. Mattern
TELEPHONE	(717) 542-3453

MONTH July 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1091</u>
2.	<u>1091</u>
3.	<u>1085</u>
4.	<u>1093</u>
5.	<u>1099</u>
6.	<u>1071</u>
7.	<u>1096</u>
8.	<u>1091</u>
9.	<u>1090</u>
10.	<u>1097</u>
11.	<u>1096</u>
12.	<u>1058</u>
13.	<u>1054</u>
14.	<u>1086</u>
15.	<u>1080</u>
16.	<u>1082</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	<u>1083</u>
18.	<u>1086</u>
19.	<u>1093</u>
20.	<u>1098</u>
21.	<u>1091</u>
22.	<u>1092</u>
23.	<u>1095</u>
24.	<u>1098</u>
25.	<u>1093</u>
26.	<u>1091</u>
27.	<u>1083</u>
28.	<u>1086</u>
29.	<u>1096</u>
30.	<u>1099</u>
31.	<u>1094</u>

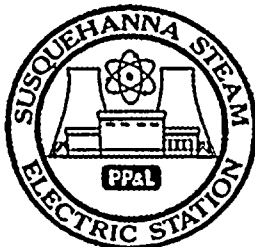
INSTRUCTION:

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.



100
100
100
100
100

OPERATING DATA REPORT



DOCKET NO. 50-388
 UNIT Two
 DATE 08/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

NOTES:

OPERATING STATUS

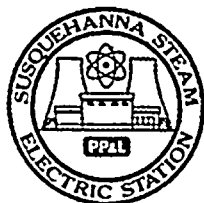
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: July 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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	5,087	109,271
12. Number of Hours Reactor Was Critical	744	3,787.2	92,145.2
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	3,727.3	90,557.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,524,444	12,213,773	293,660,828
17. Gross Electrical Energy Generated (MWH)	837,854	4,075,407	96,199,319
18. Net Electrical Energy Generated (MWH)	809,635	3,918,332	92,639,148
19. Unit Service Factor	100.0	73.3	82.9
20. Unit Availability Factor	100.0	73.3	82.9
21. Unit Capacity Factor (Using MDC Net)	99.5	70.4	80.2
22. Unit Capacity Factor (Using DER Net)	98.9	70.0	79.7
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 08/05/97
 COMPLETED BY R. S. Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH July 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
5	970713	S	0.0	B	5	N/A	XX	ZZZ	Unit 2 commenced a power reduction to as low as 85% power at 2110 hours July 12 to perform a control rod sequence exchange. The Unit returned to 100% power at 0835 hours July 13.

- | | | | | |
|---------------------------------|---|--|---|-------------------------------|
| 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: 08/05/97

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.

