

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9706190189 DOC. DATE: 97/05/31 NOTARIZED: NO DOCKET #
FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387
50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 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 May 1997 for Susquehanna Steam Electric Station, Units 1 & 2. W/970613 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

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SUSQUEHANNA STEAM ELECTRIC STATION

P.O. BOX 467
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George J. Kuczynski
General Manager - Susquehanna SES
(717) 542-3120
Fax: (717) 542-1949

June 13, 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 - 4633 **FILE R41-2A**

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

Very truly yours,


G. J. Kuczynski

/cmm

Attachment

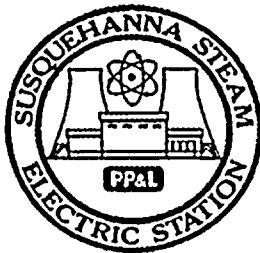
copy: NRC Region 1
Mr. K. Jenison, NRC Sr. Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

DE 24

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AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387
 UNIT One
 DATE 6-05-97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

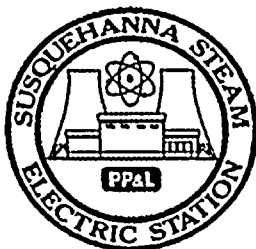
MONTH May 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1107</u>	17.	<u>1109</u>
2.	<u>1115</u>	18.	<u>1110</u>
3.	<u>1109</u>	19.	<u>1099</u>
4.	<u>1115</u>	20.	<u>1106</u>
5.	<u>1115</u>	21.	<u>1112</u>
6.	<u>1113</u>	22.	<u>1112</u>
7.	<u>1117</u>	23.	<u>1111</u>
8.	<u>1115</u>	24.	<u>1106</u>
9.	<u>1112</u>	25.	<u>1105</u>
10.	<u>1077</u>	26.	<u>1107</u>
11.	<u>1081</u>	27.	<u>1110</u>
12.	<u>1107</u>	28.	<u>1107</u>
13.	<u>1111</u>	29.	<u>1107</u>
14.	<u>1109</u>	30.	<u>1106</u>
15.	<u>1108</u>	31.	<u>1099</u>
16.	<u>1111</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 6/05/97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

NOTES

OPERATING STATUS

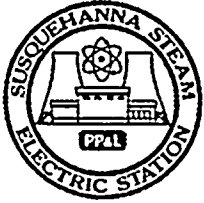
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: May 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
8. 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	3,623	122,568
12. Number of Hours Reactor Was Critical	744	3,279.0	97,240.8
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	3138.0	95,456.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,550,749	10,686,303	304,321,884
17. Gross Electrical Energy Generated (MWH)	853,216	3,585,983	99,461,177
18. Net Electrical Energy Generated (MWH)	823,835	3,452,218	95,607,713
19. Unit Service Factor	100.0	86.6	77.9
20. Unit Availability Factor	100.0	86.6	77.9
21. Unit Capacity Factor (Using MDC Net)	101.6	87.4	74.4
22. Unit Capacity Factor (Using DER Net)	100.7	86.6	73.7
23. Unit Forced Outage Rate	0	13.4	7.0
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 06/05/97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH May 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
4	970510	S	0.0	B	5	NA	XX	ZZZ	Unit 1 commenced a power reduction to as low as 76% at 2057 hours May 10 to perform a control rod sequence exchange. Evolution was completed and the unit returned to 100% power at 1105 hours May 11.

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: 6/05/97

Completed by: Becky Mattern

Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

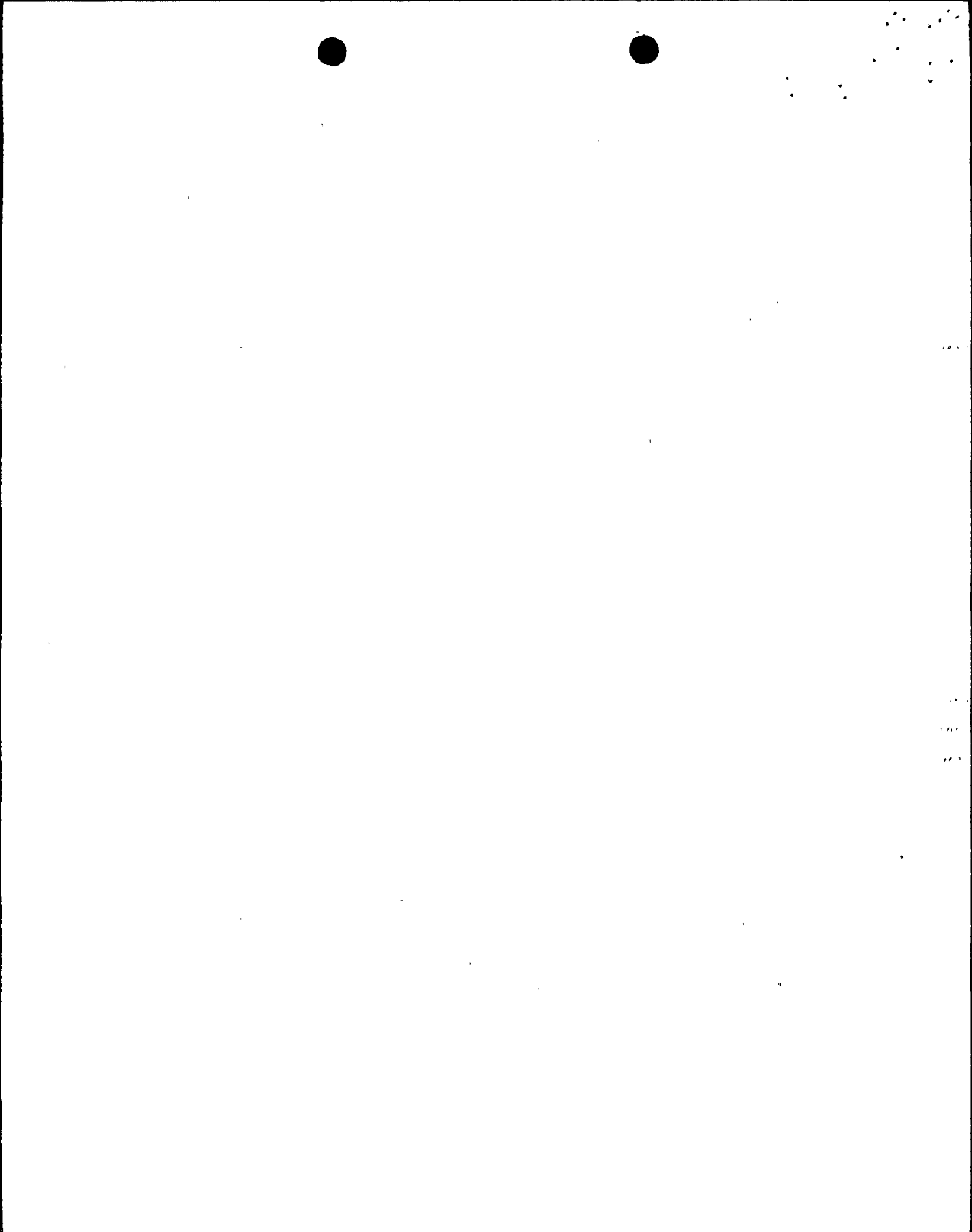
None.

Changes to the Offsite Dose Calculation Manual

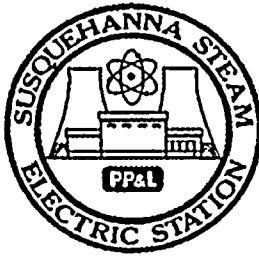
None.

Major Changes to Radioactive Waste Treatment System

None.



AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388
 UNIT Two
 DATE 6/5/97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

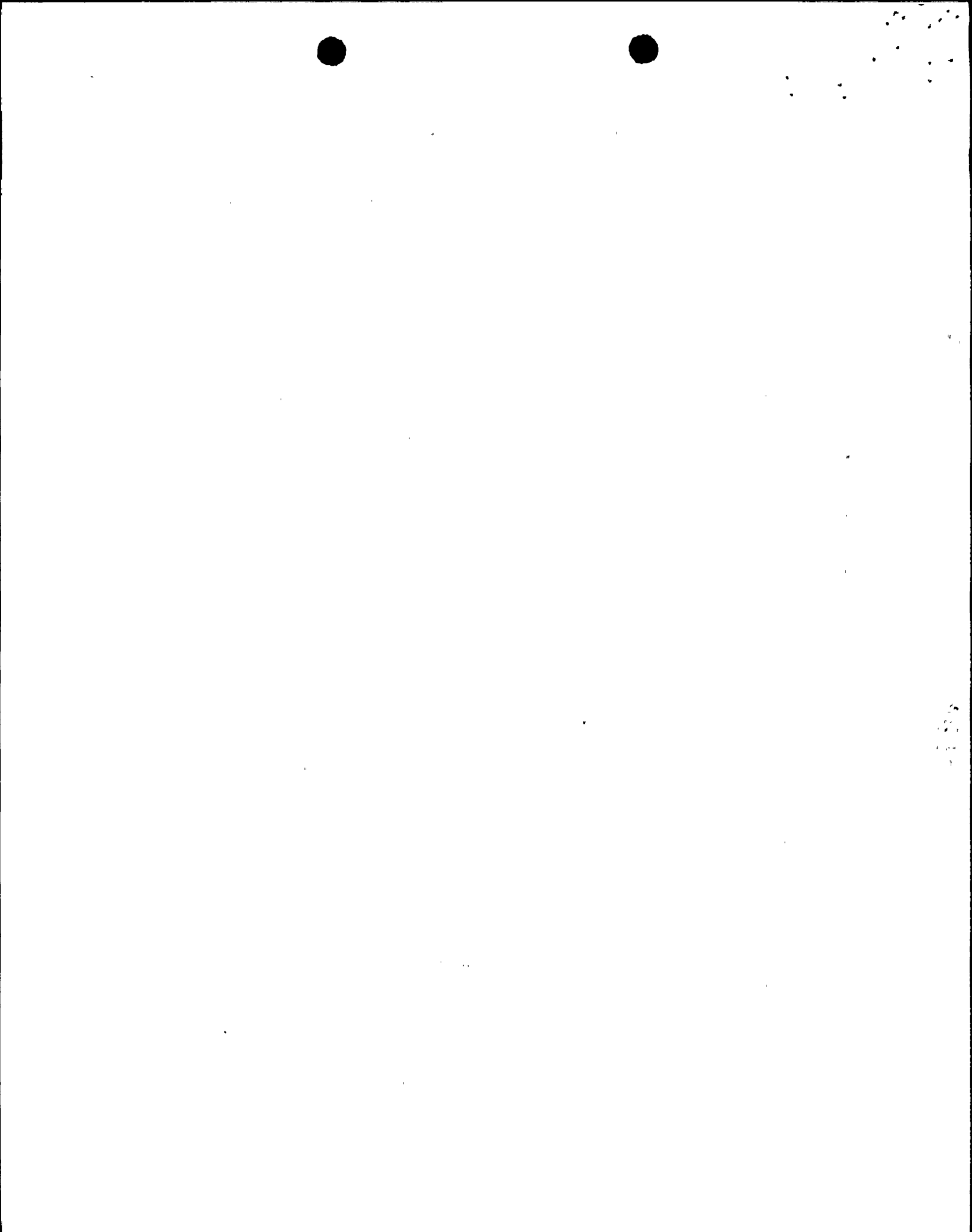
MONTH May 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0
2.	0
3.	0
4.	0
5.	0
6.	0
7.	0
8.	0
9.	0
10.	13
11.	327
12.	194
13.	633
14.	893
15.	1021
16.	1110

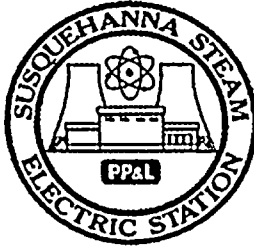
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1110
18.	1110
19.	1098
20.	1105
21.	1110
22.	1108
23.	1107
24.	1103
25.	1103
26.	1107
27.	1105
28.	1104
29.	1103
30.	1101
31.	1095

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 6/05/97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

NOTES:

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: May 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: _____

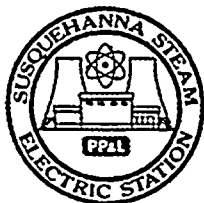
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,263	107,807
12. Number of Hours Reactor Was Critical	568.8	2,323.2	90,681.2
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	509.7	2,263.3	89,093.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,562,536	7,239,425	288,686,480
17. Gross Electrical Energy Generated (MWH)	516,088	2,421,916	94,545,828
18. Net Electrical Energy Generated (MWH)	494,784	2,320,816	91,041,632
19. Unit Service Factor	68.5	62.5	82.6
20. Unit Availability Factor	68.5	62.5	82.6
21. Unit Capacity Factor (Using MDC Net)	60.8	58.6	79.9
22. Unit Capacity Factor (Using DER Net)	60.5	58.2	79.4
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:
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 6/05/97
 COMPLETED BY Becky Mattern
 TELEPHONE (717) 542-3453

REPORT MONTH May 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
4	970314	S	234.3	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 8th Refuel Inspection Outage was completed and the unit returned to service at 1818 hours May 10. Power held at 20% power from 2225 hours May 11 to 1935 hours May 12 for a problem with the Plant Computer interface with the Transversing Incore Probe (TIP) System. The Unit reached 100% power at 0115 hours May 16.

- | | | | | |
|--|---|--|---|---------------------------------------|
| <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: 50-388

Date: 6/05/97

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.