

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9610220246 DOC. DATE: 96/09/30 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 Sept 1996 for Susquehanna Steam Electric Station Unit 1 & 2. W/961015 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

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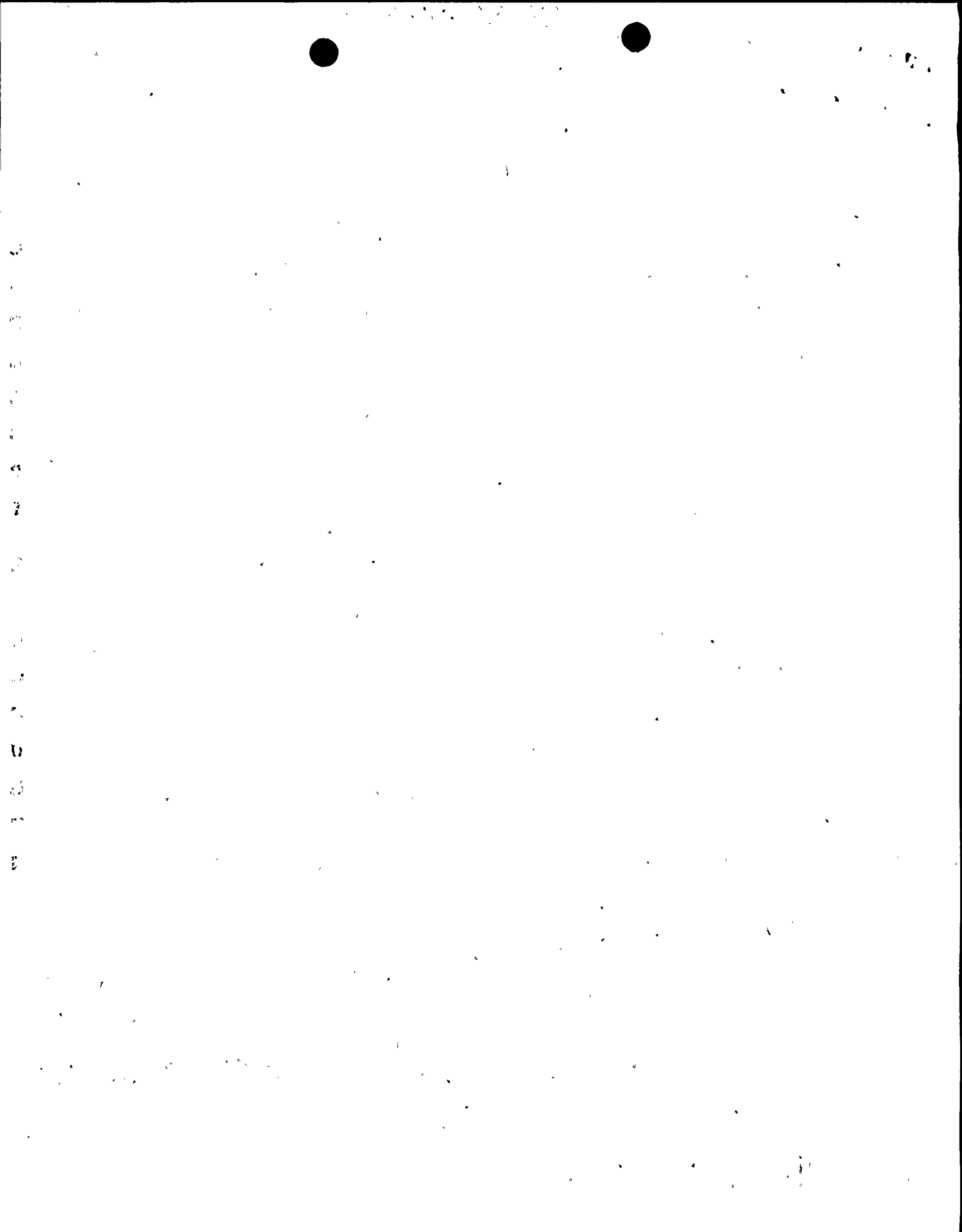
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Pennsylvania Power & Light Company

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Fax: 610/774-5019

OCT 15 1996

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4519 FILE R41-2A

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

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

Very truly yours,


R. G. Byram

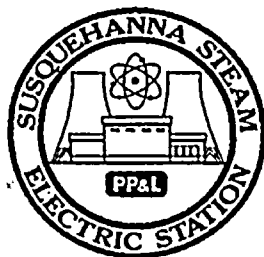
Attachment

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

9610220246 960930
PDR: ADCK 05000387
R PDR

IE241,

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387
 UNIT One
 DATE 10-10-96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

MONTH September 1996

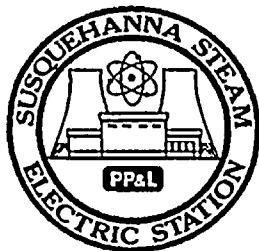
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	988
2.	984
3.	981
4.	931
5.	582
6.	618
7.	36
8.	0
9.	0
10.	0
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	0
18.	0
19.	0
20.	0
21.	0
22.	0
23.	0
24.	0
25.	0
26.	0
27.	0
28.	0
29.	0
30.	0
31.	

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 10/10/96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

NOTES

OPERATING STATUS

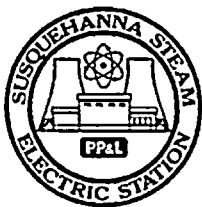
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: September 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
8. If changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:
NONE
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	720	6575	116,736
12. Number of Hours Reactor Was Critical	153.8	5,928.5	92,345.5
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	152.1	5,904.2	90,787.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,342,498	20,513,052	288,890,241
17. Gross Electrical Energy Generated (MWH)	128,512	6,474,421	94,295,787
18. Net Electrical Energy Generated (MWH)	119,371	6,239,269	90,641,872
19. Unit Service Factor	21.1	89.8	77.8
20. Unit Availability Factor	21.1	89.8	77.8
21. Unit Capacity Factor (Using MDC Net)	15.2	87.1	74.2
22. Unit Capacity Factor (Using DER Net)	15.1	86.3	73.5
23. Unit Forced Outage Rate	0	1.7	6.8

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: October 16, 1996
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 10/10/96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH September 1996

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
9	960904	F	0.0	A	5	NA	NN	P	Unit One experienced a Reactor Recirculation system run back from 91% to 55% power at 2116 hours September 4. Cause of transient was "B" circulating water pump trip due to an electrical fault. Unit remained below 62% power level without this pump until shutdown for entry into 9 RIO commenced at 2100 hours, September 6.
10	960907	S	567.9	C	2	N/A	XX	ZZZ	Unit One commenced shutdown from 62% power at 2100 hours September 6. Main generator was taken off line at 0806 hours and reactor manually scrammed at 0949 hours September 7. Unit is currently in its 9th Refuel Inspection Outage.

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: 10/10/96

Completed by: K. A. Young Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

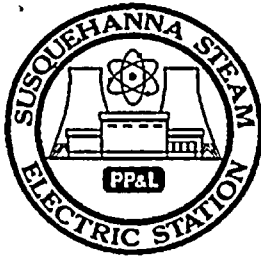
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388
 UNIT Two
 DATE 10/10/96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

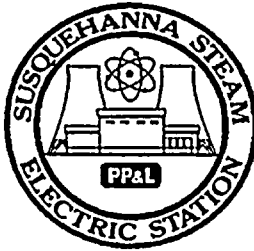
MONTH September 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1094	17.	1098
2.	1092	18.	1099
3.	1091	19.	1101
4.	1089	20.	1103
5.	1082	21.	1101
6.	1088	22.	1100
7.	1079	23.	1104
8.	1085	24.	1107
9.	1088	25.	1105
10.	1087	26.	1105
11.	1090	27.	1097
12.	1091	28.	1095
13.	1095	29.	1105
14.	1100	30.	1103
15.	1052	31.	
16.	1098		

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 10/10/96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS

NOTES:

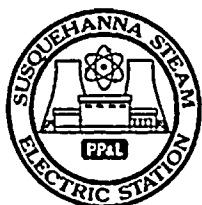
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: September 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 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	720	6,575	101,975
12. Number of Hours Reactor Was Critical	720	6,185.4	86,149.0
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	720	6,137.3	84,620.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,458,595	20,849,436	273,935,322
17. Gross Electrical Energy Generated (MWH)	815,899	6,941,596	89,610,842
18. Net Electrical Energy Generated (MWH)	787,754	6,698,740	86,292,381
19. Unit Service Factor	100	93.3	83.0
20. Unit Availability Factor	100	93.3	83.0
21. Unit Capacity Factor (Using MDC Net)	100	93.1	80.2
22. Unit Capacity Factor (Using DER Net)	99.5	92.6	79.7
23. Unit Forced Outage Rate	0	6.7	5.0
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 10/10/96
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH September 1996

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 reportable events.

- | | | | | |
|--|---|--|---|---------------------------------------|
| <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: 10/10/96

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.