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ACCESSION NBR: 9512190458      DOC.DATE: 95/11/30      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  
 BALL, R.S.      Pennsylvania Power & Light Co.  
 BYRAM, R.G.      Florida Power & Light Co.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Nov 1995 for SSES Units 1 & 2.  
 W/951215 ltr.

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NOTES: 05000387

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**Pennsylvania Power & Light Company**

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram  
Senior Vice President-Nuclear  
610/774-7502  
Fax: 610/774-5019

DEC 15 1995

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

U.S. Nuclear Regulatory Commission  
Attn.: Document Control Desk  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
PLA-4395 FILE R41-2A

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

The November 1995 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

R. G. Byram

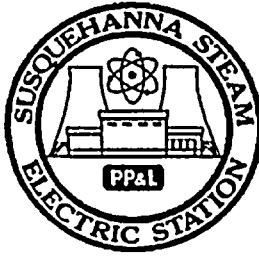
Attachment

copy: NRC Region I  
Ms. M. Banerjee, NRC Sr. Resident Inspector  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

9512190458 951130  
PDR ADDCK 05000387  
R PDR

IF24  
!!

## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
 UNIT One  
 DATE 12/05/95  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

MONTH November 1995

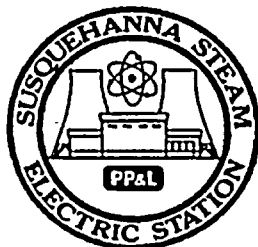
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1103
2.	1075
3.	1097
4.	1108
5.	1110
6.	1108
7.	1107
8.	1108
9.	1110
10.	1067
11.	0
12.	0
13.	0
14.	0
15.	0
16.	0

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

**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 12/05/95  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

## OPERATING STATUS

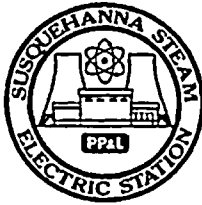
NOTES:

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: November 1995
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	8,016	109,417
12. Number of Hours Reactor Was Critical	242.4	6,534.7	85,775.6
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	241.9	6,512.7	84,267.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	782,721	21,158,836	266,316,706
17. Gross Electrical Energy Generated (MWH)	273,614	7,029,265	87,132,485
18. Net Electrical Energy Generated (MWH)	256,165	6,762,443	83,739,403
19. Unit Service Factor	33.6	81.3	77.0
20. Unit Availability Factor	33.6	81.3	77.0
21. Unit Capacity Factor (Using MDC Net)	32.6	78.5	73.4
22. Unit Capacity Factor (Using DER Net)	32.3	77.8	72.7
23. Unit Forced Outage Rate	0	0	7.1
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>NONE</u>			

25. If Shut Down at End of Report Period, Estimated Date of Startup: 12/06/95
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 12/05/95  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

REPORT MONTH November 1995

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
5	951110	S	478.1	B	2	N/A	TJ	GEN	<p>Unit 1 commenced a controlled shutdown at 2202 hours November 10th to repair a hydrogen leak into the Stator Water Cooling System. The Unit was taken off-line at 0153 hours November 11th and a manual scram initiated from 19% power at 0225 hours November 11th. During the hydrogen leak repair unexpected main generator bar tie, spacer damage and wedge looseness were identified which extended the outage duration. Completion of the outage is expected by December 6, 1995.</p>

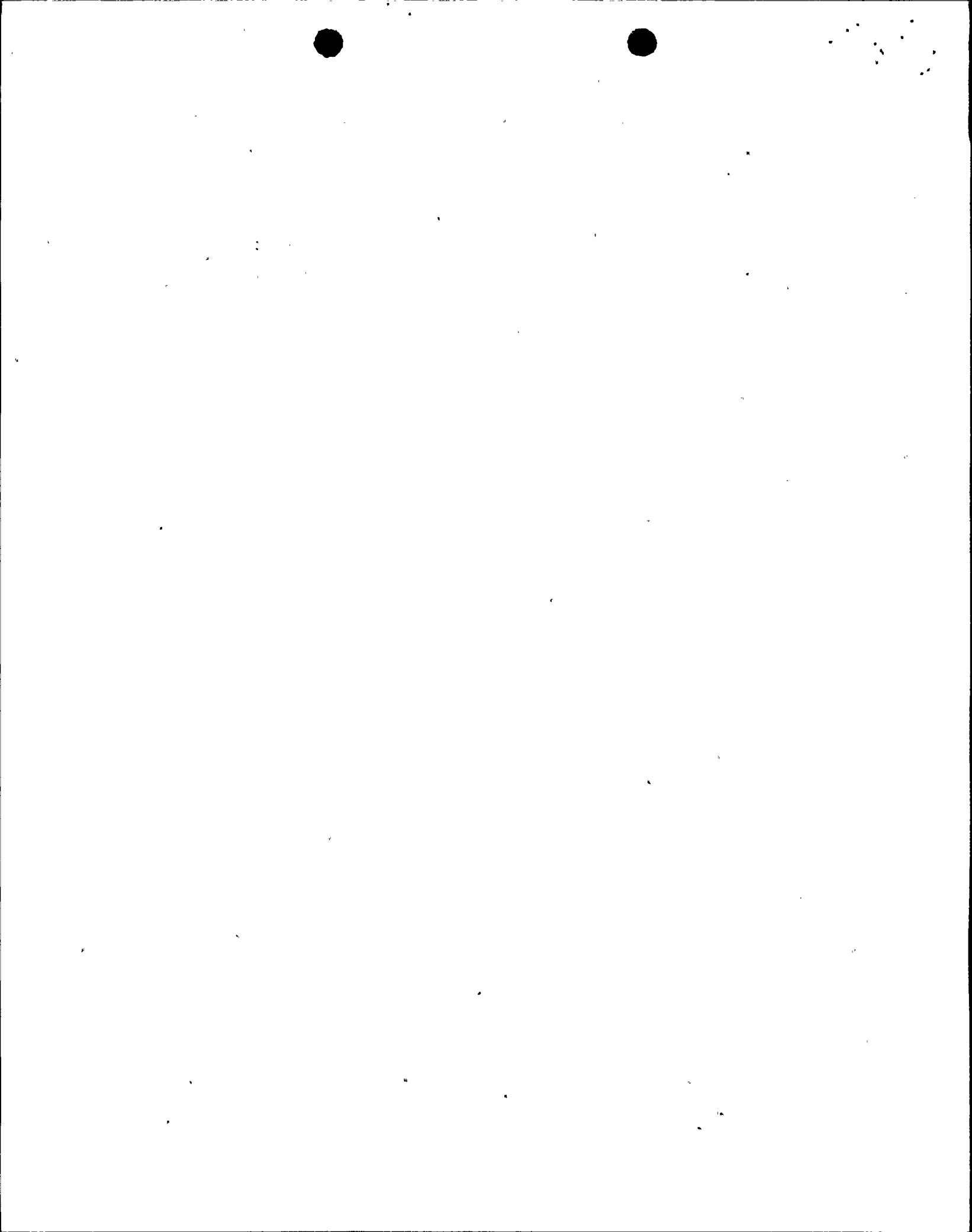
1.  
F. Forced  
S. Scheduled

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: 12/05/95**

**Completed by: R.S. Ball**

**Telephone: (717) 542-3453**

**Challenges to Main Steam Safety Relief Valves**

**None.**

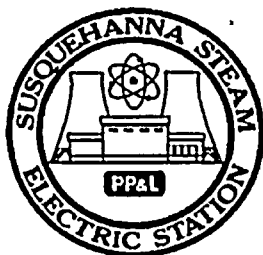
**Changes to the Offsite Dose Calculation Manual**

**None.**

**Major Changes to Radioactive Waste Treatment System**

**None.**

## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.	50-388
UNIT	Two
DATE	12/05/95
COMPLETED BY	R.S. Ball
TELEPHONE	(717) 542-3453

MONTH November 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1110
2.	1103
3.	1107
4.	1116
5.	1116
6.	1119
7.	1115
8.	1115
9.	1117
10.	1116
11.	1107
12.	1117
13.	1116
14.	1116
15.	1116
16.	1117

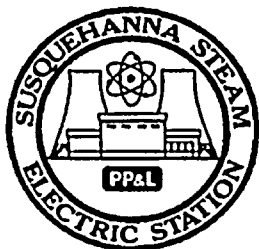
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1115
18.	1095
19.	1077
20.	1116
21.	1115
22.	1117
23.	1116
24.	1116
25.	1116
26.	1115
27.	1115
28.	1114
29.	1115
30.	1115

**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 12/05/95  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

NOTES:

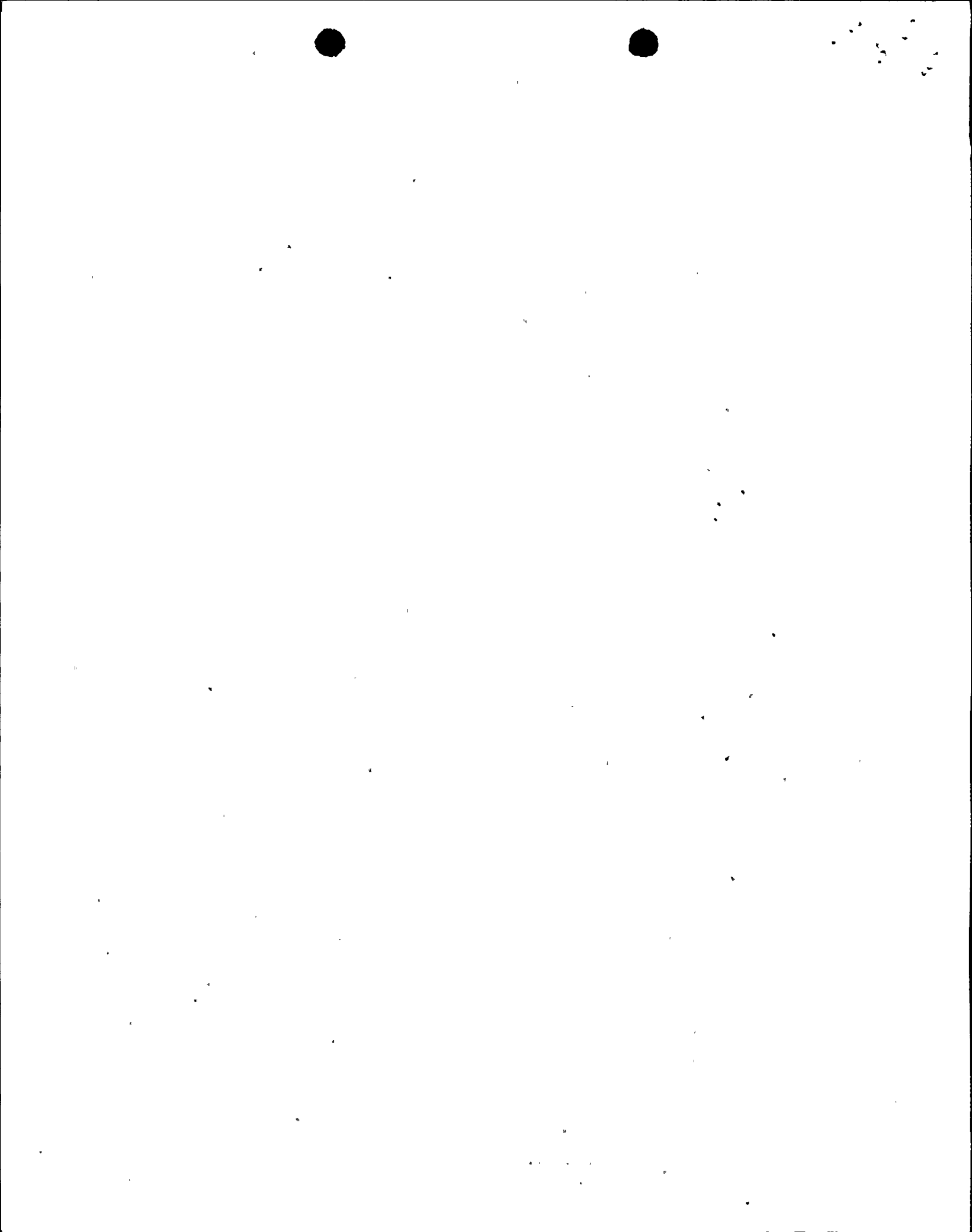
## OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: November 1995
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

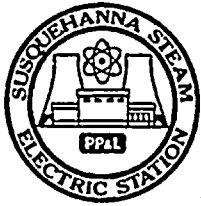
	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	720	8,016	94,656
12. Number of Hours Reactor Was Critical	720	7,032.7	79,219.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	720	6,948.9	77,739.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,473,820	24,520,382	250,563,092
17. Gross Electrical Energy Generated (MWH)	828,849	7,645,128	81,819,912
18. Net Electrical Energy Generated (MWH)	801,105	7,372,346	78,773,242
19. Unit Service Factor	100.0	86.7	82.1
20. Unit Availability Factor	100.0	86.7	82.1
21. Unit Capacity Factor (Using MDC Net)	101.7	84.1	79.1
22. Unit Capacity Factor (Using DER Net)	101.2	83.6	78.7
23. Unit Forced Outage Rate	0	2.1	4.9
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 12/05/95  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

REPORT MONTH November 1995

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

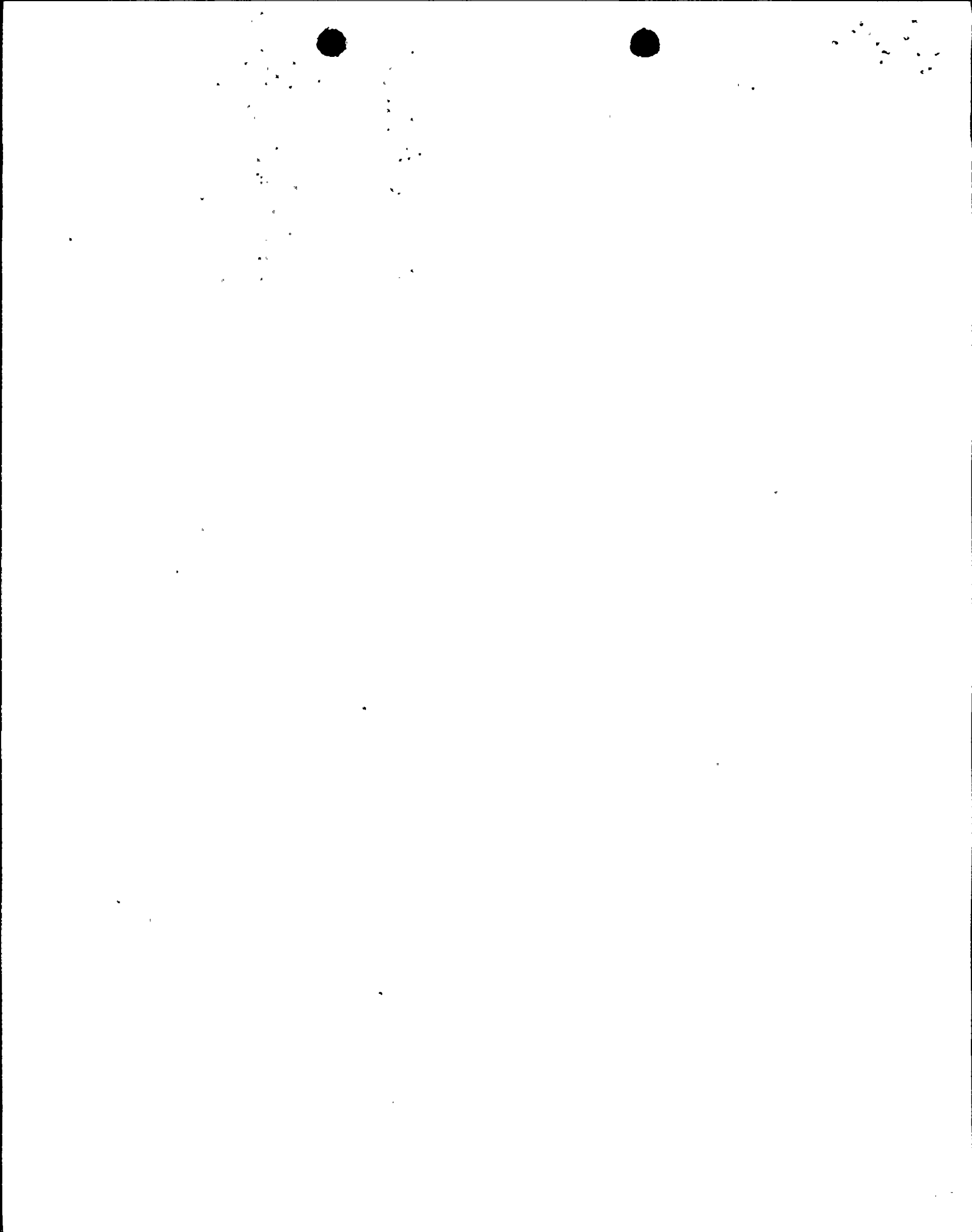
1.  
 F. Forced  
 S. Scheduled

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  
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 5- Reduction  
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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: 12/05/95**

**Completed by: R.S. Ball      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.**