

# CATEGORY 1

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9601230202    DOC. DATE: 95/12/31    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  
BALL, R.S.    Pennsylvania Power & Light Co.  
BYRAM, R.G.    Pennsylvania Power & Light Co.  
RECIP. NAME    RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Dec 1995 for Susquehanna Steam Electric Station Units 1 & 2. W/960115 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

05000387

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**Pennsylvania Power & Light Company**

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JAN 15 1996

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-4405 FILE R41-2A

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

The December 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

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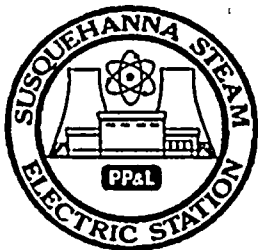


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# OPERATING DATA REPORT



DOCKET NO. 50-387  
 UNIT One  
 DATE 01/03/96  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

## OPERATING STATUS

### NOTES:

Gross Thermal Energy Generated for November was incorrectly reported and should be 817,899 MWH. YTD and cumulative values reflect the change.

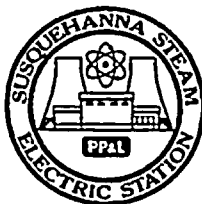
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: December 1995
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
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	744	8,760	110,161
12. Number of Hours Reactor Was Critical	641.4	7,176.1	86,417.0
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	615.9	7,128.6	84,883.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,127,769	23,321,783	268,479,653
17. Gross Electrical Energy Generated (MWH)	688,881	7,718,146	87,821,366
18. Net Electrical Energy Generated (MWH)	663,200	7,425,643	84,402,603
19. Unit Service Factor	82.8	81.4	77.1
20. Unit Availability Factor	82.8	81.4	77.1
21. Unit Capacity Factor (Using MDC Net)	81.8	78.8	73.5
22. Unit Capacity Factor (Using DER Net)	81.0	78.1	72.8
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: \_\_\_\_\_
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 01/03/96  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

REPORT MONTH December 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	128.1	B	4	N/A	TJ	GEN	Unit 1 commenced a controlled shutdown at 2202 hours November 10th to repair a hydrogen leak into the Stator Water Cooling System. During the hydrogen leak repair unexpected main generator bar tie, spacer damage and wedge looseness were identified which extended the outage duration. The Unit was returned to service at 0807 hours December 6 and reached 100% power at 0600 hours December 8.

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: 01/03/96**

**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.**

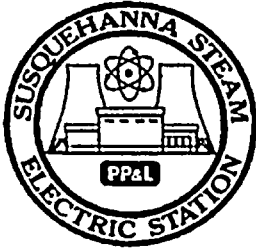
**Major Changes to Radioactive Waste Treatment System**

**None.**





# OPERATING DATA REPORT



DOCKET NO. 50-388  
 UNIT Two  
 DATE 01/03/96  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

NOTES:

## OPERATING STATUS

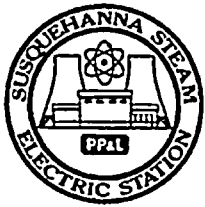
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: December 1995
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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	744	8,760	95,400
12. Number of Hours Reactor Was Critical	744	7,776.7	79,963.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	7,692.9	78,483.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,522,794	27,043,176	253,085,886
17. Gross Electrical Energy Generated (MWH)	849,334	8,494,462	82,669,246
18. Net Electrical Energy Generated (MWH)	820,399	8,192,745	79,593,641
19. Unit Service Factor	100.0	87.8	82.3
20. Unit Availability Factor	100.0	87.8	82.3
21. Unit Capacity Factor (Using MDC Net)	100.8	85.5	79.3
22. Unit Capacity Factor (Using DER Net)	100.2	85.0	78.9
23. Unit Forced Outage Rate	0	1.9	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 01/03/96  
 COMPLETED BY R.S. Ball  
 TELEPHONE (717) 542-3453

REPORT MONTH December 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
8	951215	S	0.0	B	5	N/A	XX	ZZZ	Unit 2 commenced a power reduction to as low as 70% power at 2000 hours December 15 to perform a Control Rod Sequence Exchange and inspect condenser tubes for Waterbox 'B' in all three condensers. The Unit was returned to 100% power at 1648 hours December 17.

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: 01/03/96**

**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.