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January 13, 2003

U. S. Nuclear Regulatory Commission  
Attn. Document Control Desk  
Mail Station OP1-17  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22  
PLA-005578 R41-2A

The December 2002 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

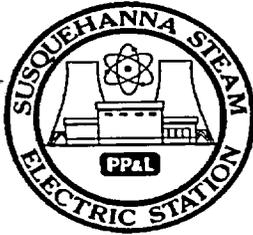
Richard L. Anderson

JJH/cmm

cc: NRC Region 1  
NRC Sr. Resident Inspector, Mr. S. Hansell  
NRC Sr. Project Manager, Mr. T. G. Colburn  
NRC Project Manager, Mr. E. M. Thomas

IE22

**OPERATING DATA REPORT**



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>01/13/2003</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

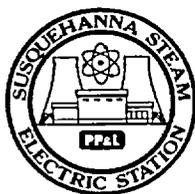
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: December 2002
3. Design Electrical Rating (Net MWe): 1115
4. Maximum Dependable Capacity (Net MWe): 1105

	<u>This Month</u>	<u>Yr.-to-Date</u>	<u>Cumulative</u>
5. Hours in Reporting Period	<u>744</u>	<u>8760</u>	<u>171,529</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>7562.3</u>	<u>141,864.5</u>
7. Hours Generator On-Line	<u>744</u>	<u>7493.8</u>	<u>139,653.8</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>831,887</u>	<u>8,026,620</u>	<u>143,253,529</u>

NOTES:

## UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	01/13/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH December 2002

No.	Date	Type <sub>1</sub>	Duration (Hours)	Reason <sub>2</sub>	Method of Shutting Down Reactor <sub>3</sub>	Cause & Corrective Action To Prevent Recurrence
						No Shutdowns this month.

Summary: There were no significant power changes during December.

1.  
F. Forced  
S. Scheduled

2.  
Reason:  
A – Equipment Failure (Explain)  
B – Maintenance or Test  
C – Refueling  
D – Regulatory Restriction  
  
E – Operator Training & Licensee Exam  
F – Administrative  
G – Operational Error (Explain)

3.  
Method:  
1 – Manual  
2 – Manual Scram  
3 – Automatic Scram  
4 – Continuation from  
previous month  
5 – Other

SUSQUEHANNA STEAM ELECTRIC STATION

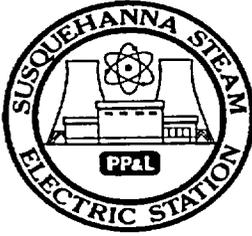
Docket Number: 50-387  
Completed by: J. J. Hennings

Date: 01/13/03  
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

## OPERATING DATA REPORT



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>01/13/03</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

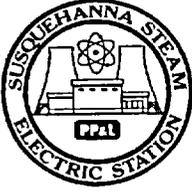
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: December 2002
3. Design Electrical Rating (Net MWe): 1117
4. Maximum Dependable Capacity (Net MWe): 1111

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>8760</u>	<u>156,769</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>8,492.4</u>	<u>136,149.4</u>
7. Hours Generator On-Line	<u>744</u>	<u>8,440.0</u>	<u>134,206.7</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>827,061</u>	<u>9,306,164</u>	<u>140,110,994</u>

### NOTES:

## UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	01/13/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH December 2002

No.	Date	Type <sub>1</sub>	Duration (Hours)	Reason <sub>2</sub>	Method of Shutting Down Reactor <sub>3</sub>	Cause & Corrective Action to Prevent Recurrence
						No Shutdowns this month.

Summary: Power reductions of approximately 10% were conducted for control rod adjustments on 12/7 and 12/14. Maintenance was also performed at approximately 90% power on Turbine/EHC (12/14) and control rod drive HCU's on 12/20. An additional control rod adjustment was performed on 12/21 at 78% power. More frequent control rod adjustments are required because the core is nearing the end of its full power capacity for fuel cycle 11.

1.

F. Forced  
S. Scheduled

2.

Reason:

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
  
- E - Operator Training & Licensee Exam
- F - Administrative
- G - Operational Error (Explain)

3.

Method:

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation from  
previous month
- 5 - Other

**SUSQUEHANNA STEAM ELECTRIC STATION**

Docket Number: 50-388  
Completed by: J. J. Hennings

Date: 01/13/03  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.