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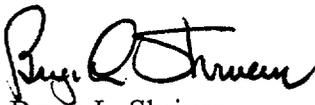
January 8, 2002

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

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22  
PLA-005426 FILE: R41-2A

The December 2001 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



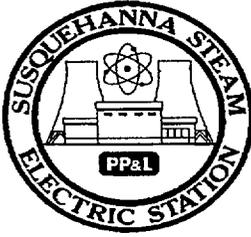
Bryce L. Shriver

LLF/cmm

cc: NRC Region 1  
NRC Sr. Resident Inspector, Mr. S. Hansell  
NRC Sr. Project Manager, Mr. R. G. Schaaf

IE 24

## OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	01-07-02
COMPLETED BY	L. L. Fuller
TELEPHONE	(570) 542-3858

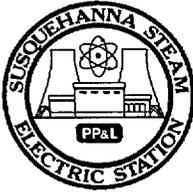
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: December 2001
3. Design Electrical Rating (Net MWe): 1100
4. Maximum Dependable Capacity (Net MWe): 1090

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	744	8,760	162,769
6. Number of Hours Reactor Was Critical	744	8,760.0	134,302.2
7. Hours Generator On-Line	724.1	8,718.5	132,160.0
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	776,699	9,412,960	135,226,909

### NOTES:

## UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	01-07-02
COMPLETED BY	L. L. Fuller
TELEPHONE	(570) 542-3858

REPORT MONTH December 2001

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:** Unit 1 reduced power to 82% on December 9 for a Control Rod Pattern Adjustment. The unit returned to 100% power on December 9<sup>th</sup>. Unit 1 reduced reactor power to 19% on December 19 and took the generator off line for a repair of a hot spot on the main generator synch breaker. The unit returned to 100% power on December 21<sup>st</sup>. Unit 1 reduced power to 78% on December 22 for a Control Rod Pattern Adjustment. The unit returned to 100% power on December 22. Unit 1 reduced power to 83% on December 29 for a Control Rod Pattern Adjustment. The unit returned to 100% power on December 29<sup>th</sup>.

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**

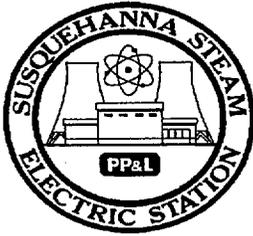
Docket Number: 50-387  
Completed by: L. L. Fuller

Date: 1-7-02  
Telephone: (570) 542-3858

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	01-07-02
COMPLETED BY	L. L. Fuller
TELEPHONE	(570) 542-3858

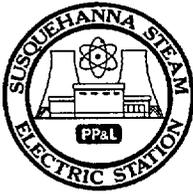
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: December 2001
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	744	8,760	148,009
6. Number of Hours Reactor Was Critical	744	7,740.4	127,657.0
7. Hours Generator On-Line	744	7,693.8	125,766.7
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	832,935	8,397,145	130,804,830

### NOTES:

**UNIT SHUTDOWNS**



DOCKET NO. 50-388  
 UNIT Two  
 DATE 1-7-02  
 COMPLETED BY L. L. Fuller  
 TELEPHONE (570) 542-3858

REPORT MONTH December 2001

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: Unit 2 reduced power to 80% on December 1 for a Control Rod Sequence Exchange. The unit returned to 100% power on December 1.

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: L. L. Fuller

Date: 01-07-02  
Telephone: (570) 542-3858

**Challenges to Main Steam Safety Relief Valves**

None.