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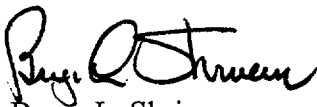
January 8, 2002

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,



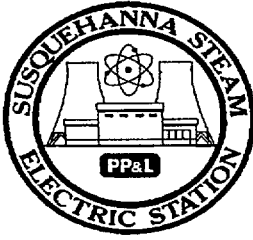
Bryce L. Shriver

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

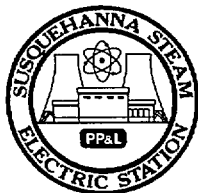
OPERATING STATUS

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.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>01-07-02</u>
COMPLETED BY	<u>L. L. Fuller</u>
TELEPHONE	<u>(570) 542-3858</u>

REPORT MONTH December 2001

No.	Date	Type ₁	Duration (Hours)	Reason ₂	Method of Shutting Down Reactor ₃	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 9th. 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 21st. 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 29th.

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

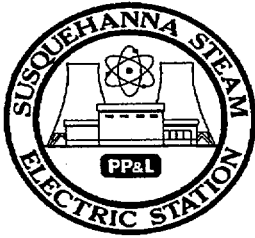
Docket Number: 50-387
Completed by: L. L. Fuller

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

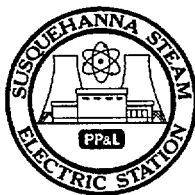
OPERATING STATUS

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	<u>744</u>	<u>8,760</u>	<u>148,009</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>7,740.4</u>	<u>127,657.0</u>
7. Hours Generator On-Line	<u>744</u>	<u>7,693.8</u>	<u>125,766.7</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>832,935</u>	<u>8,397,145</u>	<u>130,804,830</u>

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 1	Duration (Hours)	Reason 2	Method of Shutting Down Reactor 3	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.