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May, 7, 2001

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 -0005311 FILE: R41-2A

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

Very truly yours,

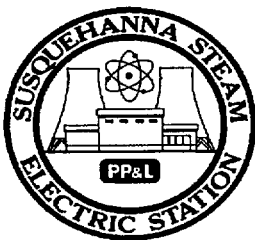
Bryce L. Shriver

LLF/cmm

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

IE24

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	5-04-01
COMPLETED BY	L. L. Fuller
TELEPHONE	(570) 542-3858

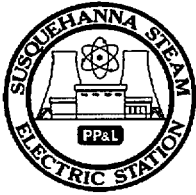
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: April 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	719	2,879	156,888
6. Number of Hours Reactor Was Critical	719	2,879.0	128,421.2
7. Hours Generator On-Line	719	2,879.0	126,320.5
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	786,298	3,155,221	128,969,170

NOTES:

UNIT SHUTDOWNS



DOCKET NO. 50-387
 UNIT One
 DATE 5-04-01
 COMPLETED BY L. L. Fuller
 TELEPHONE (570) 542-3858

REPORT MONTH April 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 operated at 100% power the entire month.

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: 5-04-01
Telephone: (570) 542-3858

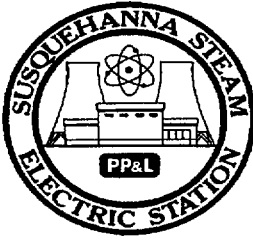
Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	05-04-01
COMPLETED BY	L. L. Fuller
TELEPHONE	(570) 542-3858

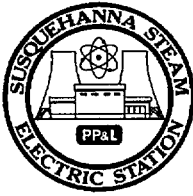
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: April 2001
3. Design Electrical Rating (Net MWe): 1100
4. Maximum Dependable Capacity (Net MWe): 1094

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	719	2,879	142,128
6. Number of Hours Reactor Was Critical	223.2	1,859.4	121,776.0
7. Hours Generator On-Line	177.1	1,812.8	119,885.7
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	114,159	1,908,576	124,316,261

NOTES:

UNIT SHUTDOWNS



DOCKET NO. 50-388
 UNIT Two
 DATE 5-04-01
 COMPLETED BY L. L. Fuller
 TELEPHONE (570) 542-3858

REPORT MONTH April 2001

No.	Date	Type ₁	Duration (Hours)	Reason ₂	Method of Shutting Down Reactor ₃	Cause & Corrective Action to Prevent Recurrence
1	3-10-01	S	542.9	C	4	Unit shutdown for 10 th Refuel Inspection Outage. Completed 10 th RIO at 1456 hours April 23.

Summary: Continuation of 10th Refuel Inspection Outage. Outage was 44.5 days. The Unit startup commenced at 1456 hours on April 23. The unit returned to 100% power on April 28.

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: 5-04-01
Telephone: (570) 542-3858

Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.