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December 9, 1999

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 - 0005143 FILE: R41-2A

The November 1999 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

RF Saunders
Robert F. Saunders

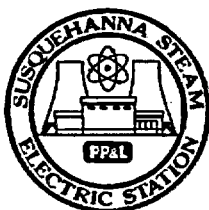
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cc: NRC Region 1
NRC Sr. Resident Inspector, Mr. S. Hansell
NRC Sr. Project Manager, Mr. V. Nerses

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OPERATING DATA REPORT



DOCKET NO.:	50-387
UNIT:	One
DATE:	12/01/99
COMPLETED BY:	K.A. Young
TELEPHONE:	(570) 542-3251

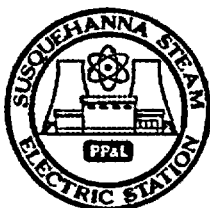
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: November 1999
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	720	8016	144,481
6. Number of Hours Reactor Was Critical	720	7,534.6	117,143.5
7. Hours Generator On-Line	720	7,490.5	115,099.3
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	793,115	7,998,923	116,824,670

NOTES:

UNIT SHUTDOWNS



DOCKET NO.: 50-387
UNIT: One
DATE: 12/01/99
COMPLETED BY: K.A. Young
TELEPHONE: (570) 542-3251

REPORT MONTH November 1999

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

Summary: Unit One reduced power to 92% at the request of the grid dispatcher on November 26. Unit returned to full power within 2 hours. Reactor power was briefly reduced to 95% on November 28 to perform main turbine control valve testing. Unit remained at 100% power for the rest of the 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: K.A. Young

Date: 12/01/99
Telephone: (570) 542-3251

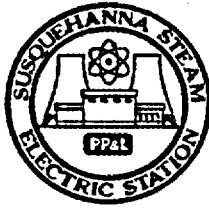
Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

OPERATING DATA REPORT



DOCKET NO.: 50-388
UNIT: Two
DATE: 12/01/99
COMPLETED BY: K.A. Young
TELEPHONE: (570) 542-3251

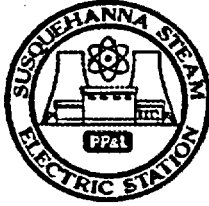
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: November 1999
2. Design Electrical Rating (Net MWe): 1100
3. Maximum Dependable Capacity (Net MWe): 1094

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>720</u>	<u>8016</u>	<u>129,720</u>
6. Number of Hours Reactor Was Critical	<u>720</u>	<u>6,811.3</u>	<u>110,693.0</u>
7. Hours Generator On-Line	<u>720</u>	<u>6,686.2</u>	<u>108,901.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>793,129</u>	<u>7,179,650</u>	<u>112,445,466</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.: 50-388
UNIT: Two
DATE: 12/01/99
COMPLETED BY: K.A. Young
TELEPHONE: (570) 542-3251

REPORT MONTH November 1999

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

Summary: Unit Two administratively limited power to 3430 MW thermal for entire month of November. "A" Reactor Recirculation pump speed oscillations are the reason for this limitation. On November 20, power was reduced to 95% for scheduled maintenance to reset Rx Recirc MG Set high speed stops. Power was returned to 99.5% within 3 hours. The following day power was again reduced to 96% power and maintenance activities were completed. Unit remained at 99.5% for remainder of month for observations of system stability.

- 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: K.A. Young

Date: 12/01/99
Telephone: (570) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.