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November 8, 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 - 5134                      FILE: R41-2A

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

Very truly yours,

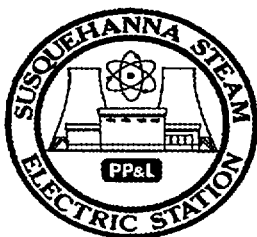
  
Robert F. Saunders

/cmm

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

IE24

## OPERATING DATA REPORT



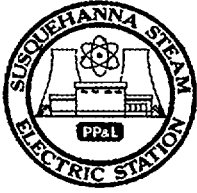
DOCKET NO. 50-387  
 UNIT One  
 DATE 11/05/99  
 COMPLETED BY K. A. Young  
 TELEPHONE (570) 542-3251

### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: October 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	<u>745</u>	<u>7,296</u>	<u>143,761</u>
6. Number of Hours Reactor Was Critical	<u>745</u>	<u>6,814.6</u>	<u>116,423.5</u>
7. Hours Generator On-Line	<u>745</u>	<u>6,770.5</u>	<u>114,379.3</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>815,830</u>	<u>7,214,391</u>	<u>116,040,138</u>

### NOTES:



## UNIT SHUTDOWNS

DOCKET NO. 50-387  
 UNIT One  
 DATE 11/05/99  
 COMPLETED BY K. A. Young  
 TELEPHONE (570) 542-3251

REPORT MONTH October 1999

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

**Summary:** Unit One reduced power to as low as 84% to perform HCU on-line maintenance during period October 1 through October 3. Power was reduced to 82% on October 9 to perform control rod exercising activities. Unit remained at 100% power for the rest of the month.

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:** 11/5/99  
**Telephone:** (570) 542-3251

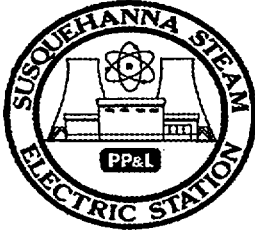
**Challenges to Main Steam Safety Relief Valves**

None.

**Major Changes to Radioactive Waste Treatment System**

None.

## OPERATING DATA REPORT



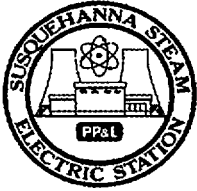
DOCKET NO. 50-388  
 UNIT Two  
 DATE 11/5/99  
 COMPLETED BY K. A. Young  
 TELEPHONE (570) 542-3251

### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: October 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>745</u>	<u>7,296</u>	<u>129,000</u>
6. Number of Hours Reactor Was Critical	<u>745</u>	<u>6,091.3</u>	<u>109,973.0</u>
7. Hours Generator On-Line	<u>745</u>	<u>5,966.2</u>	<u>108,181.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>809,513</u>	<u>6,377,938</u>	<u>111,643,754</u>

### NOTES:



**UNIT SHUTDOWNS**

DOCKET NO. 50-388  
 UNIT Two  
 DATE 11/5/99  
 COMPLETED BY K. A. Young  
 TELEPHONE (570) 542-3251

REPORT MONTH October 1999

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

Summary: Unit Two administratively limited power to 3430 MW thermal commencing on October 7. "A" Reactor Recirculation pump speed oscillation are the reason for this limitation. Unit remained at approximately 99.5% power for the remainder of the month. Unit Two reduced power to as low as 73% on October 15 for repairs to the 2C Reactor Feedpump discharge check valve. Repairs were completed and unit ramped to 99.5% power at 1500 hours October 17.

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:** 11/5/99  
**Telephone:** (570) 542-3251

**Challenges to Main Steam Safety Relief Valves**

None.

**Major Changes to Radioactive Waste Treatment System**

None.