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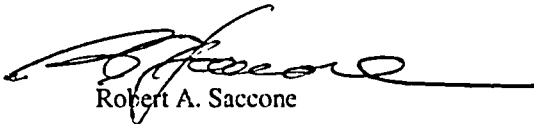
October 14, 2005

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Stop O-P1-17  
Washington, D.C. 20555-0001

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22  
PLA-005975

The September 2005 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



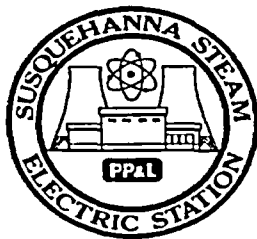
Robert A. Saccone

JJH/cmm

cc: NRC Region 1  
NRC Sr. Resident Inspector, Mr. Brice Bickett  
NRC Project Manager, Mr. R V. Guzman

IE24

## OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	10/12/2005
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: September 2005
3. Design Electrical Rating (Net MWe): 1177
4. Maximum Dependable Capacity (Net MWe): 1135

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>720</u>	<u>6551.0</u>	<u>195,624.0</u>
6. Number of Hours Reactor Was Critical	<u>720</u>	<u>6551.0</u>	<u>164,539.0</u>
7. Hours Generator On-Line	<u>720</u>	<u>6551.0</u>	<u>162,151.0</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>811,755</u>	<u>7,415,344</u>	<u>168,055,786</u>

### NOTES:

**SUSQUEHANNA STEAM ELECTRIC STATION**

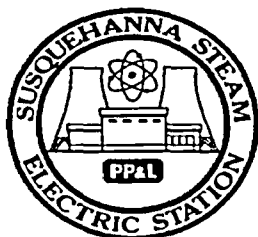
Docket Number: 50-387  
Completed by: J. J. Hennings

Date: 10/12/05  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	10/12/05
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

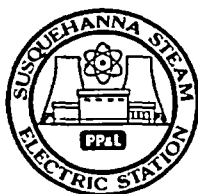
### OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)  
6. Reporting Period: September 2005  
7. Design Electrical Rating (Net MWe): 1182  
8. Maximum Dependable Capacity (Net MWe): 1140

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	720	6,551	180,864
6. Number of Hours Reactor Was Critical	720	5,782.9	158,462.7
7. Hours Generator On-Line	720	5,691.8	156,384.5
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	808,866	6,326,902	165,142,042

### NOTES:

# UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	10/12/05
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH September 2005

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

Summary: The only power change greater than 20% this month was on 9/9/05. Power was reduced to 75% for a control rod sequence exchange and condenser waterbox cleaning. 100% power was achieved 9/11/05.

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**

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Completed by: J. J. Hennings

Date: 10/12/05  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.