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November 8, 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-005985

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

Very truly yours,



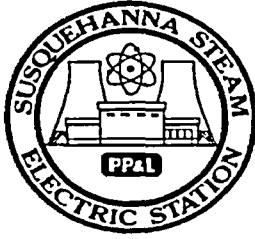
Robert A. Saccone

JJH/cmm

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

JEZ4

## OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	11/10/2005
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

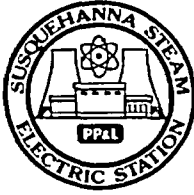
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: October 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>745</u>	<u>7,296.0</u>	<u>196,369.0</u>
6. Number of Hours Reactor Was Critical	<u>679.7</u>	<u>7,230.7</u>	<u>165,218.7</u>
7. Hours Generator On-Line	<u>672.1</u>	<u>7,223.1</u>	<u>162,823.1</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>749,966</u>	<u>8,165.309</u>	<u>168,805.751</u>

### NOTES:

# UNIT SHUTDOWNS



DOCKET NO. 50-387  
 UNIT One  
 DATE 11/10/2005  
 COMPLETED BY J. J. Hennings  
 TELEPHONE (570) 542-3747

## REPORT MONTH October 2005

No.	Date	Type <sub>1</sub>	Duration (Hours)	Reason <sub>2</sub>	Method of Shutting Down Reactor <sub>3</sub>	Cause & Corrective Action To Prevent Recurrence
1	10/29/05	S	72:55 (continuing)	B	1	On 10/29/05 a planned Reactor shutdown started a Maintenance Outage established for measurement of fuel channels and replacement of those not meeting pre-established criteria. The Maintenance Outage schedule specifies activities that replace the channels of some in-core fuel bundles as well as replacing some bundles with those from previous fuel cycles. This activity will correct the issue of excess control cell friction experienced during control rod testing earlier this year. The Maintenance Outage is planned to be complete in mid November.

Summary: Unit 1 Reactor achieved 100% power on 10/03/05 following a planned power reduction for control rod friction testing that began on 9/30/05. Three(3) planned power reductions greater than 20% were performed in October for Control Rod adjustments and testing. (10/04 to 80% power, 10/08 to 79% power and 10/14 to 75% power). A planned maintenance outage was also initiated on 10/29/05 to correct issues with increased Control Cell friction that caused some extended Control Rod travel times. The Maintenance Outage is scheduled to end in mid November.

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**

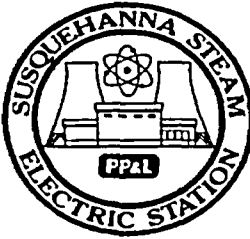
Docket Number: 50-387  
Completed by: J. J. Hennings

Date: 11/10/05  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>11/10/05</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

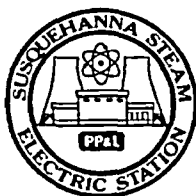
### OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)  
6. Reporting Period: October 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	<u>745</u>	<u>7,296</u>	<u>181,609</u>
6. Number of Hours Reactor Was Critical	<u>745</u>	<u>6,527.9</u>	<u>159,207.7</u>
7. Hours Generator On-Line	<u>745</u>	<u>6,436.8</u>	<u>157,129.5</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>858,493</u>	<u>7,185,396</u>	<u>166,000,536</u>

### NOTES:

## UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	11/10/05
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH October 2005

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

Summary: No power changes greater than 20% this 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:** 50-388  
**Completed by:** J. J. Hennings

**Date:** 11/10/05  
**Telephone:** (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.