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March 11, 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-005874

The February 2005 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached:

Very truly yours,



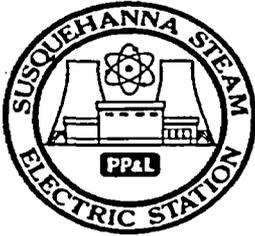
Robert A. Saccone

JJH/cmm

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

IE24

## OPERATING DATA REPORT



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>03/11/2005</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

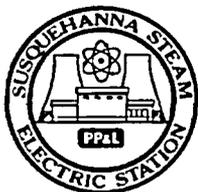
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: February 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>672</u>	<u>1416.0</u>	<u>190,489.0</u>
6. Number of Hours Reactor Was Critical	<u>672</u>	<u>1416.0</u>	<u>159,404.0</u>
7. Hours Generator On-Line	<u>672</u>	<u>1416.0</u>	<u>157,016.0</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>768,728</u>	<u>1,637,902</u>	<u>162,278,344</u>

**NOTES:**

## UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	03/11/2005
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH February 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
						No Reactor shutdowns this month

**Summary:** On 3/19/05 a power reduction was taken to perform a planned control rod sequence exchange at 70 to 75% power. Maintenance was also performed on a Reactor Feed Pump Turbine during that period. 100% power was achieved on 3/22/05.

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**

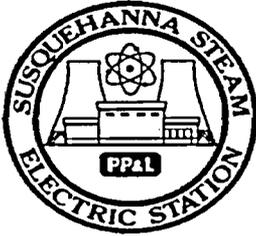
**Docket Number:** 50-387  
**Completed by:** J. J. Hennings

**Date:** 03/11/05  
**Telephone:** (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	03/11/05
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

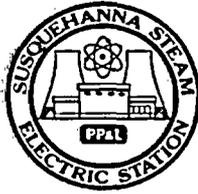
### OPERATING STATUS

- 5. Unit Name: Susquehanna Steam Electric Station (U2)
- 6. Reporting Period: February 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	672	1,416	175,729
6. Number of Hours Reactor Was Critical	604.48	1,348.5	154,028.2
7. Hours Generator On-Line	600.03	1344.0	152,036.7
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	617,193	1,475,438	160,290,578

**NOTES:**

## UNIT SHUTDOWNS



DOCKET NO:	50-388
UNIT	Two
DATE	03/11/05
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

### REPORT MONTH February 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	2/26/05	S	71.97	C	1	Scheduled shut down for Refueling Outage. Following the manual turbine trip, the method of shutting down was by normal control rod insertion ("soft" shut down) with no scram required.

**Summary:** All power changes this month were planned power reductions. The End of Cycle Coastdown continued from January until Reactor Shutdown on 2/26/05. The method of shutting down the reactor was by normal control rod insertion ("soft" shutdown) with no scram required.

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: 03/11/05  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.