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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,

A handwritten signature in black ink, appearing to read "R. Saccone", is written over a horizontal line.

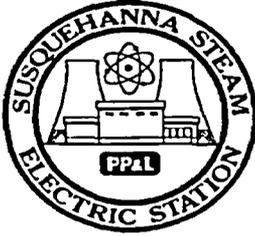
Robert A. Saccone

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.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>10/12/2005</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: September 2005
3. Design Electrical Rating (Net MWe): 1177
4. Maximum Dependable Capacity (Net MWe): 1135

	<u>This Month</u>	<u>Yr.-to-Date</u>	<u>Cumulative</u>
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

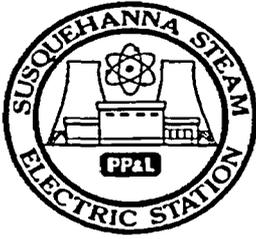
Docket Number: 50-387
Completed by: J. J. Hennings

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

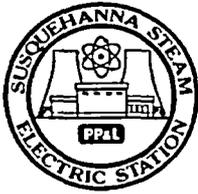
OPERATING STATUS

- 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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Challenges to Main Steam Safety Relief Valves

None.