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February 13, 2006

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 - 006016

The January 2006 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. Below the signature, the name "Robert A. Saccone" is printed in a standard font.

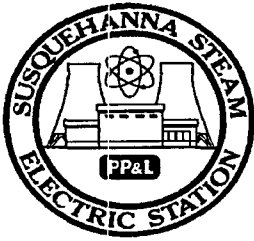
Robert A. Saccone

JJH/cmm

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

JE24

OPERATING DATA REPORT



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>02/13/2006</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

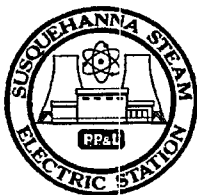
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: January 2006
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>744</u>	<u>744</u>	<u>198,577.0</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>167,121.5</u>
7. Hours Generator On-Line	<u>744</u>	<u>744</u>	<u>164,701.1</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>860,463</u>	<u>860,463</u>	<u>170,943,521</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	02/13/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH January 2006

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: Power reductions greater than 20% this month:

01/07/06 – reduction of 26% for rod pattern adjustment until 01/08/06.

01/21/06 – reduction of 20% for rod pattern adjustment until 01/22/06.

01/28/06 – reduction of 22% for rod pattern adjustment until 01/30/06.

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

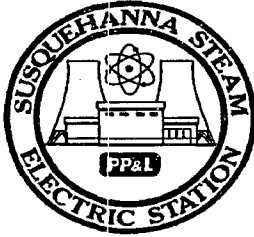
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 02/13/06
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	02/13/06
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

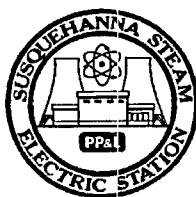
OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)
6. Reporting Period: January 2006
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>744</u>	<u>744</u>	<u>183,817.0</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>161,415.7</u>
7. Hours Generator On-Line	<u>744</u>	<u>744</u>	<u>159,337.5</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>867,469</u>	<u>867,469</u>	<u>168,568,343</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	02/13/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH January 2006

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: No power change 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: 02/13/06
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.