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December 13, 2004

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-00005847

The November 2004 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 the typed name.

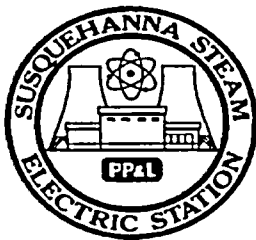
Robert A. Saccone

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.	50-387
UNIT	One
DATE	12/13/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

### OPERATING STATUS

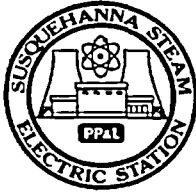
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: November 2004
3. Design Electrical Rating (Net MWe): 1177\*
4. Maximum Dependable Capacity (Net MWe): 1135\*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>720</u>	<u>8,040</u>	<u>188,329.0</u>
6. Number of Hours Reactor Was Critical	<u>720</u>	<u>6,759.2</u>	<u>157,244.0</u>
7. Hours Generator On-Line	<u>626.57</u>	<u>6,616</u>	<u>154,855.5</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>618,768</u>	<u>7,161,561</u>	<u>159,774,999</u>

### NOTES:

\*Design Electrical Rating (DER) and Maximum Dependable Capacity (MDC) has been changed starting with the May reporting period due to turbine modifications that were completed in April.

# UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	12/13/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

## REPORT MONTH October 2004

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

Summary: There were two power changes greater than 20% this month. However, neither were categorized as unplanned power changes. The November 6<sup>th</sup> reduction to 75% was for removal of the "C" condensate pump for motor repair.

The second power reduction was from 80% power to generator off-line. The generator was taken off line November 20, 2004 to repair a leaking generator bushing. The generator was synchronized to the grid November 23, and returned to 100% Reactor power on November 26, 2004.

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**

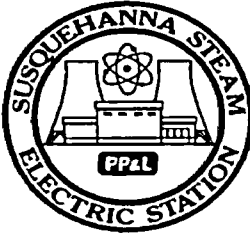
Docket Number: 50-387  
Completed by: J. J. Hennings

Date: 12/13/04  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	12/13/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

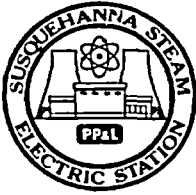
### OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)  
6. Reporting Period: November 2004  
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	8,040	173,569
6. Number of Hours Reactor Was Critical	720	8,040	151,935.8
7. Hours Generator On-Line	720	8,040	149,948.6
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	835,996	9,198,519	157,956,530

### NOTES:

# UNIT SHUTDOWNS



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>12/13/04</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH October 2004

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

Summary: Power reductions greater than 20% this month: 1) A Control Rod pattern of adjustment was performed at 75% power on 11/13/04. 100% power was achieved on 11/14/04. 2) An unplanned reduction to 73% power was performed on 11/29/04 due to debris build-up on Cooling Tower circulating water screens. This debris could have caused a rapid reduction of circulating water flow through the condenser, therefore reactor power was reduced until that potential was removed. 100% power was achieved on 11/29/04.

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: 12/13/2004  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.