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September 11, 2003

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station OP1-17  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22  
PLA- 005674

The August 2003 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

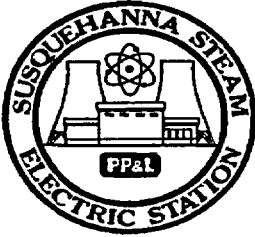
  
Richard L. Anderson

JJH/cmm

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

IE24

## OPERATING DATA REPORT



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>09/10/2003</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

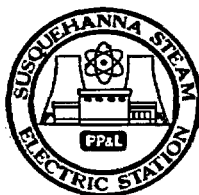
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: August 2003
3. Design Electrical Rating (Net MWe): 1115
4. Maximum Dependable Capacity (Net MWe): 1105

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>5831</u>	<u>177,360</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>5831</u>	<u>147,695.5</u>
7. Hours Generator On-Line	<u>744</u>	<u>5815.7</u>	<u>145,469.5</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>804,432</u>	<u>6,353,212</u>	<u>149,606,741</u>

NOTES:

# UNIT SHUTDOWNS



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>9/11/2003</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH August 2003

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 Shutdowns this month.

Summary: There were two planned power reductions in the month of August: A control rod sequence exchange was performed at 76% power on 8/23/2003 and 100% power was restored on 8/25/2003. On 8/30/2003, Control Rod adjustments were made at 84% power and 100% power was achieved on 8/31/2003.

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

**Date:** 9/10/03

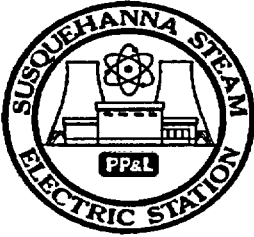
**Completed by:** J. J. Hennings

**Telephone:** (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	9/10/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

### OPERATING STATUS

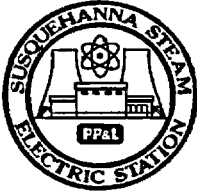
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: August 2003
3. Design Electrical Rating (Net MWe): 1182\*
4. Maximum Dependable Capacity (Net MWe): 1140\*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	744	5,831	162,600
6. Number of Hours Reactor Was Critical	744	4,817.4	140,966.8
7. Hours Generator On-Line	744	4,772.9	138,979.6
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	843,127	5,267,963	145,378,957

### NOTES:

\*During the U2 11<sup>th</sup> Refueling Outage, the Main Turbine was replaced with a newly designed HP and three LP turbines. The Design Rating and Maximum Dependable Capacity rating changed following the analysis of the official Performance/Acceptance Test performed in early June. Maximum Dependable Capacity rating is now 1140 MWe Net. The Design Electrical Rating of 1182 MWe Net is the nominal value identified in the FSAR (1220 MWe Gross) and corresponds closely to the Winter Production Rating.

# UNIT SHUTDOWNS



DOCKET NO. 50-388  
 UNIT Two  
 DATE 9/10/03  
 COMPLETED BY J. J. Hennings  
 TELEPHONE (570) 542-3747

REPORT MONTH August 2003

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 shutdowns this month.

Summary: There were no power changes in August.

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

**Date:** 09/10/2003

**Completed by:** J. J. Hennings

**Telephone:** (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.