

Robert A. Saccone
Vice President - Nuclear Operations

PPL Susquehanna, LLC
769 Salem /Boulevard
Berwick, PA 18603
Tel. 570.542.3959 Fax 570.542.1504
RASaccone@pplweb.com



August 15, 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 - 006106

The July 2006 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

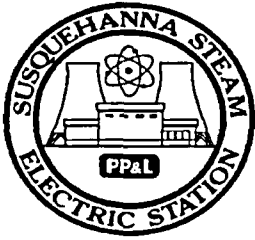
Robert A. Saccone

JJH/cmm

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

TE24

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	08/15/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

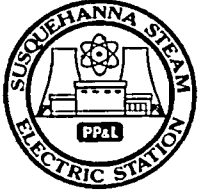
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: July 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>5087.0</u>	<u>202920.0</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>4122.7</u>	<u>170490.2</u>
7. Hours Generator On-Line	<u>742.93</u>	<u>4059.7</u>	<u>168016.8</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>824,263</u>	<u>4,536,857</u>	<u>174,619,915</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	08/15/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH July 2006

No.	Date	Type ₁	Duration (Hours)	Reason ₂	Method of Shutting Down Reactor ₃	Cause & Corrective Action To Prevent Recurrence
3	7/2/06	S	1.07	B	5	Took the turbine off line for a planned EHC control card change-out 7/2/06 00:27. At 7/2/06 01:31 the Main Generator was synchronized to the grid. The reactor remained at approximately 18% power while the turbine was off line.

Summary:

The only power reduction greater than 20% this month was on July 1 in preparation for a planned turbine outage to replace a turbine EHC control card. The Turbine was put on line on July 2nd. 100% power was also achieved on July 2nd.

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

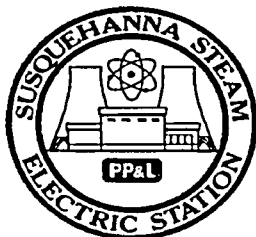
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 08/15/2006
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>08/15/2006</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

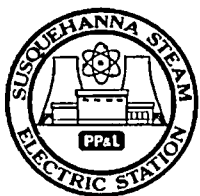
OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)
6. Reporting Period: July 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>5,087</u>	<u>188,160</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>4,957.8</u>	<u>165,629.5</u>
7. Hours Generator On-Line	<u>744</u>	<u>4,936.0</u>	<u>163,529.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>819,588</u>	<u>5,620,213</u>	<u>173,321,088</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	08/15/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH July 2006

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

Summary: There were two power changes greater than 20% this month. On July 1st, a power reduction to 70% was performed for a planned sequence exchange. On July 16th a power reduction to 74% was performed to support transmission/distribution maintenance activities. 100% power was achieved on July 17th.

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: 08/15/2006
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.