

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



June 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 - 006073

The May 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 the typed name.

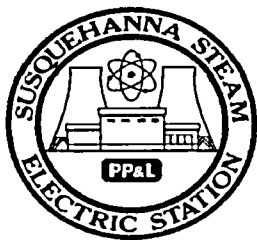
Robert A. Saccone

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>06/15/2006</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

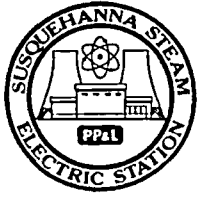
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: May 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>3623.0</u>	<u>201,456.0</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>2722.9</u>	<u>169,100.4</u>
7. Hours Generator On-Line	<u>744</u>	<u>2683.1</u>	<u>166,640.2</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>853,664</u>	<u>3,016,977</u>	<u>173,100,035</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	06/15/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH May 2006

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

Summary:

There were no power reductions 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

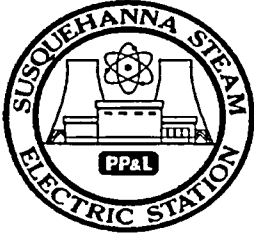
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 06/15/2006
Teleph6n6: (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>06/15/2006</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

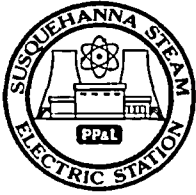
OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)
6. Reporting Period: May 2006
7. Design Electrical Rating (Net MWe): 1182
8. Maximum Dependable Capacity (Net MWe): 1140

	<u>This Month</u>	<u>Yr.-to-Date</u>	<u>Cumulative</u>
5. Hours in Reporting Period	<u>744</u>	<u>3623.0</u>	<u>186,696.0</u>
6. Number of Hours Reactor Was Critical	<u>656.5</u>	<u>3493.8</u>	<u>164,165.5</u>
7. Hours Generator On-Line	<u>640.97</u>	<u>3472.0</u>	<u>162,065.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>704,131</u>	<u>3,986,934</u>	<u>171,687,809</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	06/15/2006
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH May 2006

No.	Date	Type ₁	Duration (Hours)	Reason ₂	Method of Shutting Down Reactor ₃	Cause & Corrective Action to Prevent Recurrence
1	4/29/06	S	103.03 (May) 151.03 (total)	B	4	Reactor shutdown on 4/29/06 for a planned outage to correct drywell leakage. The reactor was critical at 15:30 on 5/04/06. Generator was put back on line on May 5, 2006 07:02 a.m.

Summary: Following Reactor Start-up there were no power changes 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: 06/15/2006
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.