

Richard L. Anderson  
Vice President - Nuclear Operations

PPL Susquehanna, LLC  
769 Salem /Boulevard  
Berwick, PA 18603  
Tel. 570.542.3883 Fax 570.542.1504  
RLAnderson@pplweb.com



May 15, 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-005626 R41-2A

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

Very truly yours,



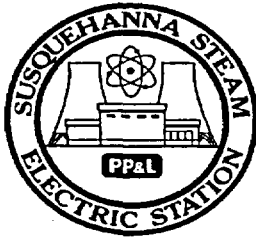
Richard L. Anderson

JJH/cmm

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

JE24

## OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	05/15/2003
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

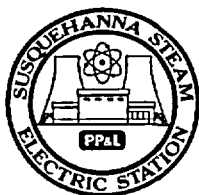
### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: April 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>719</u>	<u>2879</u>	<u>74,408</u>
6. Number of Hours Reactor Was Critical	<u>719</u>	<u>2879</u>	<u>144,743.5</u>
7. Hours Generator On-Line	<u>719</u>	<u>2879</u>	<u>142,532.8</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>800,613</u>	<u>3,185,797</u>	<u>146,439,326</u>

### NOTES:

# UNIT SHUTDOWNS



DOCKET NO.	<u>50-387</u>
UNIT	<u>One</u>
DATE	<u>05/15/03</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH April 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: No significant power reductions were performed during April.

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**

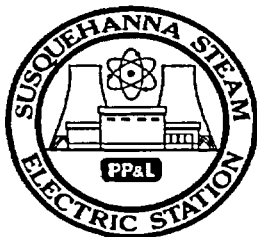
Docket Number: 50-387  
Completed by: J. J. Hennings

Date: 5/15/03  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.

## OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	05/15/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

### OPERATING STATUS

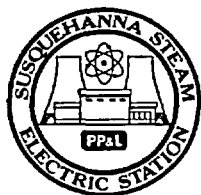
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: April 2003
3. Design Electrical Rating (Net MWe): 1117\*
4. Maximum Dependable Capacity (Net MWe): 1111\*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>719</u>	<u>2,879</u>	<u>159,648</u>
6. Number of Hours Reactor Was Critical	<u>280.8</u>	<u>1,865.4</u>	<u>138,014.8</u>
7. Hours Generator On-Line	<u>236.92</u>	<u>1820.9</u>	<u>136,027.6</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>224,793</u>	<u>1,897,817</u>	<u>142,008,811</u>

### 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 will change following the completion of the official Performance/Acceptance Test in early June.

# UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	05/15/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH April 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
1	3/8/03	S	1058	C	4	Continued planned Refueling outage that began on 3/8/03.

Summary: The reactor mode switch was placed in startup on 4/19/03. The Unit 2 Cycle 11 Refueling Outage ended on 4/21/03 and reactor power reached 100% on 4/24/03. No other significant power changes occurred in April.

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: 05/15/03  
Telephone: (570) 542-3747

**Challenges to Main Steam Safety Relief Valves**

None.