

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,



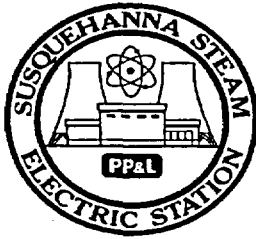
Richard L. Anderson

JJH/cmm

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

IE24

OPERATING DATA REPORT



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

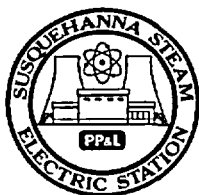
OPERATING STATUS

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. 50-387
 UNIT One
 DATE 05/15/03
 COMPLETED BY J. J. Hennings
 TELEPHONE (570) 542-3747

REPORT MONTH April 2003

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: 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

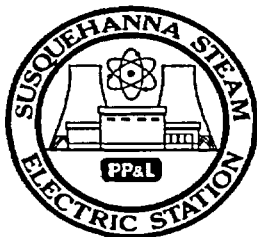
Docket Number: 50-387
Completed by: J. J. Hennings

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

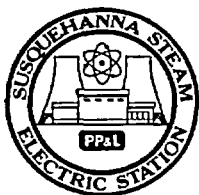
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: April 2003
3. Design Electrical Rating (Net MWe): 1117*
4. Maximum Dependable Capacity (Net MWe): 1111*

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

NOTES:

During the U2 11th 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 ₁	Duration (Hours)	Reason ₂	Method of Shutting Down Reactor ₃	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.