

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



November 13, 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- 005698

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

Very truly yours,

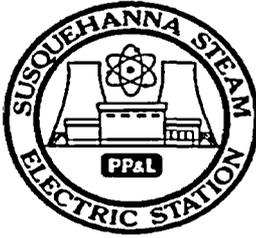

Richard L. Anderson

JJH/cmm

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

IB2P

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	11/13/2003
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

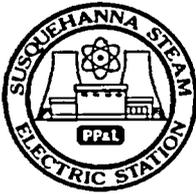
OPERATING STATUS

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

	<u>This Month</u>	<u>Yr.-to-Date</u>	<u>Cumulative</u>
5. Hours in Reporting Period	745	7,296	178,825
6. Number of Hours Reactor Was Critical	745	7,156.3	149,020.8
7. Hours Generator On-Line	745	7,121.7	146,775.5
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	810,691	7,735,848	150,989,377

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	11/13/2003
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH October, 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: On 10/19/2003, a planned power reduction to 90% was performed for a Control Rod Pattern Adjustment. The only significant power reduction this month was on 10/25/03 for a planned power reduction to 77% power for a Control Rod Sequence Exchange and Control Rod stroking. 100% power was achieved on 10/26/03.

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

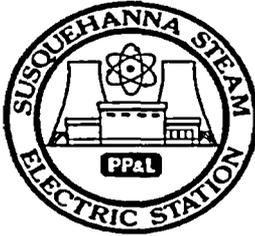
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 11/13/03
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	11/13/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

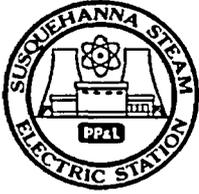
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: October 2003
3. Design Electrical Rating (Net MWe): 1182*
4. Maximum Dependable Capacity (Net MWe): 1140*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	745	7,296	164,065
6. Number of Hours Reactor Was Critical	745	6,282.4	142,431.8
7. Hours Generator On-Line	745	6,237.9	140,444.6
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	861,241	6,947,905	147,058,899

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 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.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>11/13/2003</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH October 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: The only significant power reduction this month was for a planned evolution to perform maintenance on a Reactor Feed Pump Controller. The power reduction on 10/5/03 was down to 60%, and the return to 100% power occurred on 10/6/03.

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: 11/13/2003
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.