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 14, 2002

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- 005560 R41-2A

The October 2002 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 Sr. Project Manager, Mr. T. G. Colburn
NRC Project Manager, Mr. E. M. Thomas

IE24

OPERATING DATA REPORT

DOCKET NO.	50-387
UNIT	One
DATE	11/13/2002
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: October 2002
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	745	7,296	170,065
6.	Number of Hours Reactor Was Critical	745	6,098.3	140,400.5
7.	Hours Generator On-Line	745	6,029.8	138,189.3
8.	Unit Reserve Shutdown Hours	0	0	0
9.	Net Electrical Energy Generated (MWH)	812,324	6,393,349	141,620,258

NOTES:

UNIT SHUTDOWNS

DOCKET NO.	50-387
UNIT	One
DATE	11/14/02
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH October 2002

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 changes during October were a reduction to 81% for a control rod sequence exchange on 10/6/02 and an unplanned manual power reduction to 30% which began at 0008 on 10/10/02. The 70% reduction was initiated due to the unavailability of U2 Start-up Transformer (T-20). The power reduction was a controlled power change over an 8 hour period. 100% Reactor power was achieved at 0051 on 10/11/02.

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: 11/14/02
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT

DOCKET NO.	50-388
UNIT	Two
DATE	11/14/02
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: October 2002
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	745	7,296	155,305
6.	Number of Hours Reactor Was Critical	479.2	7,028.4	134,685.4
7.	Hours Generator On-Line	426.8	6,976.0	132,742.7
8.	Unit Reserve Shutdown Hours	0	0	0
9.	Net Electrical Energy Generated (MWH)	453,830	7,677,064	138,481,894

NOTES:

UNIT SHUTDOWNS

DOCKET NO.	50-388
UNIT	Two
DATE	11/14/02
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH October 2002

No.	Date	Type [1]	Duration (Hours)	Reason [2]	Method of Shutting Down Reactor [3]	Cause & Corrective Action to Prevent Recurrence
1	9/30/02	F	October 45.9	B,G	4	Automatic scram from 74% power at 22:10 on 9/30/02 due to a turbine trip on high condenser pressure. The unit was at 74% power due to a reactor recirc system runback which resulted from a loss of 120V AC power. This loss of AC power also caused loss of the U2 off gas recombiner causing condenser pressure to rise to the turbine trip setpoint. The loss of power occurred during maintenance on an Uninterruptible power supply. Following corrective actions, Reactor Startup resumed and criticality occurred at 21:54 on 10/02/02.
2	10/3/02	F	224.5	A	2	During reactor startup activities on 10/3/02 at 0230, when reactor power was at approximately 2%, a reactor scram was manually initiated The scram was initiated because both Reactor Recirculation Pumps lost electrical power. The power loss was due to a high voltage-to-ground fault at Startup Transformer (T20). The damage required transformer replacement, which was completed by 0935 on 10/10/02. The reactor was critical at 0622 on 10/12/02, the generator was on line at 0612 10/14/02 and 100% Reactor Power was achieved at 10/16/02 at 0202.

Summary:

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: 11/14/02
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.