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September 13, 2004

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-005817

The August 2004 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

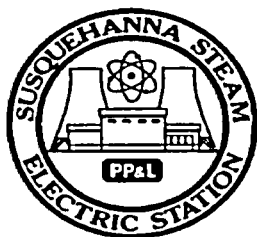
Richard L. Anderson

JJH/cmm

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

IE24

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	09/13/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

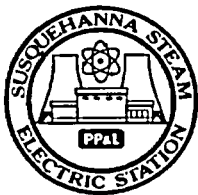
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: August 2004
3. Design Electrical Rating (Net MWe): 1177*
4. Maximum Dependable Capacity (Net MWe): 1135*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>5,855</u>	<u>186,144</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>4,574.2</u>	<u>155,059.0</u>
7. Hours Generator On-Line	<u>744</u>	<u>4,524.4</u>	<u>152,764.0</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>826,852</u>	<u>4,872,357</u>	<u>157,485,795</u>

NOTES:

*Design Electrical Rating (DER) and Maximum Dependable Capacity (MDC) has been changed starting with the May reporting period due to turbine modifications that were completed in April.

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	09/13/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH August 2004

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: There was a power reduction greater than 20% on 8/22/04. Reactor power was manually reduced to 70%, over a 20 hour time period, to facilitate troubleshooting and maintenance of the "B" Reactor Feed Pump Turbine (RFPT) control system. The need for the power reduction was identified less than 72 hours before the power reduction was initiated. Following corrective maintenance on the RFPT control valve linkage, 100% power was achieved on 8/25/04.

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

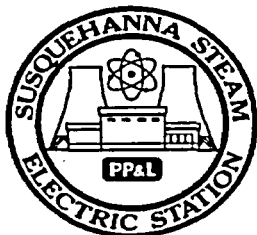
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 09/13/04
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	09/13/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

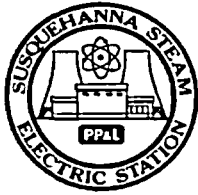
OPERATING STATUS

5. Unit Name: Susquehanna Steam Electric Station (U2)
6. Reporting Period: August 2004
7. Design Electrical Rating (Net MWe): 1182
8. Maximum Dependable Capacity (Net MWe): 1140

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>5,855</u>	<u>171,384</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>5,855</u>	<u>149,750.8</u>
7. Hours Generator On-Line	<u>744</u>	<u>5,855</u>	<u>147,763.6</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>843,449</u>	<u>6,710,800</u>	<u>155,468,811</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>09/13/04</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH August 2004

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: 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: 50-388
Completed by: J. J. Hennings

Date: 09/13/2004
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.