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June 14, 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-005777

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

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard L. Anderson", is written over a horizontal line.

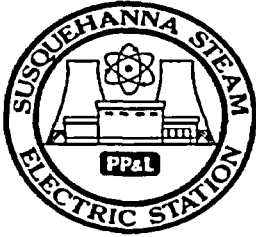
Richard L. Anderson

JJH/cmm

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

IE24

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	06/12/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

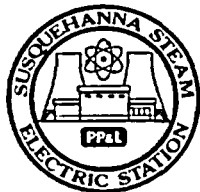
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: May 2004
3. Design Electrical Rating (Net MWe): 1177*
4. Maximum Dependable Capacity (Net MWe) 1135*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>3,647</u>	<u>183,936</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>2,366.2</u>	<u>152,851.0</u>
7. Hours Generator On-Line	<u>744</u>	<u>2,316.4</u>	<u>150,556.0</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>849,436</u>	<u>2,389,840</u>	<u>155,003,278</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. The values may change slightly following official review of the Turbine Acceptance Test in June.

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	06/12/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH May 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 wre no power reductions greater than 20%.

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

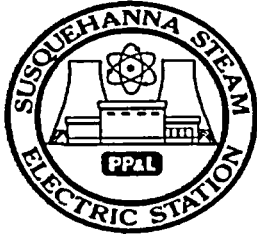
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 06/12/04
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	06/12/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

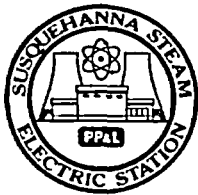
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: May 2004
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	<u>744</u>	<u>3647.0</u>	<u>169,176</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>3647.0</u>	<u>147,542.8</u>
7. Hours Generator On-Line	<u>744</u>	<u>3647.0</u>	<u>145,555.6</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>823,862</u>	<u>4,217,736</u>	<u>152,975,747</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>06/12/04</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH May 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: The only power reduction greater than 20% was performed on 5/8/04 for a planned control rod sequence exchange and condenser maintenance. Power was reduced to 65% on 5/8/04 and was returned to 100% on 5/11/04.

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

Date: 06/12/2004
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.