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June 12, 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- 005639

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

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Anderson" with a stylized flourish at the end.

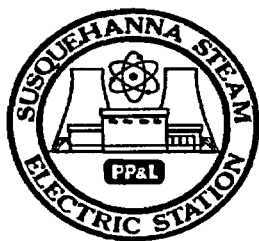
Richard L. Anderson

JJH/cmm

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

JE24

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	06/14/2003
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

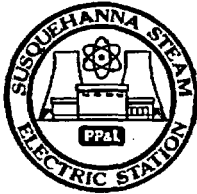
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: May 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>744</u>	<u>3623</u>	<u>175,152</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>3623</u>	<u>145,487.5</u>
7. Hours Generator On-Line	<u>728.74</u>	<u>3607.7</u>	<u>143,261.5</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>792,540</u>	<u>3,978,337</u>	<u>147,231,886</u>

NOTES:

UNIT SHUTDOWNS



DOCKET NO. 50-387
 UNIT One
 DATE 6/14/2003
 COMPLETED BY J. J. Hennings
 TELEPHONE (570) 542-3747

REPORT MONTH May 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 in May was on 5/03. To perform planned maintenance on the main transformer, the Turbine/Generator was required to be off-line. On May 3, 2003 the Turbine/Generator was taken off line while the reactor power remained at 17%. Maintenance was completed, and the Turbine/Generator placed on line later that day. 100% power was reached on May 5, 2003

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

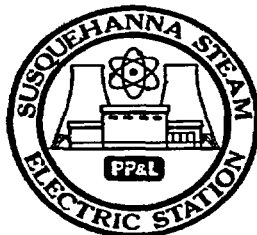
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 6/14/2003
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	6/14/03
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

OPERATING STATUS

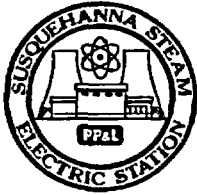
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: May 2003
3. Design Electrical Rating (Net MWe): 1172*
4. Maximum Dependable Capacity (Net MWe): 1153*

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>3,623</u>	<u>160,392</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>2,609.4</u>	<u>138,758.8</u>
7. Hours Generator On-Line	<u>744</u>	<u>2,564.9</u>	<u>136,771.6</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>861,017</u>	<u>2,758,834</u>	<u>142,869,828</u>

NOTES:

During the U2 11th Refueling Outage, the Main Turbine was replaced with a newly designed HP and three LP turbines. Preliminary Rating Data: The Design Rating and Maximum Dependable Capacity Rating may change following the analysis of the official Performance/Acceptance Test performed in early June.

UNIT SHUTDOWNS



DOCKET NO.	<u>50-388</u>
UNIT	<u>Two</u>
DATE	<u>6/14/2003</u>
COMPLETED BY	<u>J. J. Hennings</u>
TELEPHONE	<u>(570) 542-3747</u>

REPORT MONTH May 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 changes in May.

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: 06/14/2003
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.