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January 12, 2004

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- 005712

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

Very truly yours,

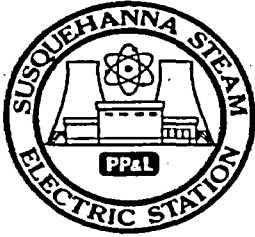

Richard L. Anderson

JJH/cmm

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

IEZY

OPERATING DATA REPORT



DOCKET NO.	50-387
UNIT	One
DATE	01/12/2004
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

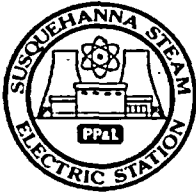
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: December 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	744	8760	180,289
6. Number of Hours Reactor Was Critical	744	8,620.3	150,484.8
7. Hours Generator On-Line	744	8,585.7	148,239.5
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	827,671	9,359,909	152,613,438

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-387
UNIT	One
DATE	01/12/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH December 2003

No.	Date	Type <small>1</small>	Duration (Hours)	Reason <small>2</small>	Method of Shutting Down Reactor <small>3</small>	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

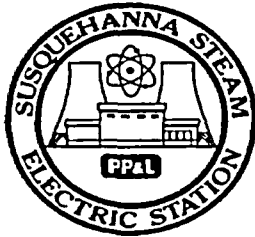
Docket Number: 50-387
Completed by: J. J. Hennings

Date: 01/12/04
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO.	50-388
UNIT	Two
DATE	01/12/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

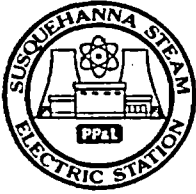
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: December 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	744	8760	165,529
6. Number of Hours Reactor Was Critical	744	7,746.4	143,895.8
7. Hours Generator On-Line	744	7,701.9	141,908.6
8. Unit Reserve Shutdown Hours	0	0	0
9. Net Electrical Energy Generated (MWH)	873,510	8,654,657	148,765,651

NOTES:

UNIT SHUTDOWNS



DOCKET NO.	50-388
UNIT	Two
DATE	01/12/04
COMPLETED BY	J. J. Hennings
TELEPHONE	(570) 542-3747

REPORT MONTH December 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: There were no power reductions greater then 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: 01/12/2004
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.