

CATEGORY 1

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ACCESSION NBR: 9908170170 DOC. DATE: ~~99/07/31~~ NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 "50-388" Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 YOUNG, K.A. Pennsylvania Power & Light Co.
 SAUNDERS, R.F. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for July 1999 for Susquehanna Steam Electric Station, Units 1 & 2. With 990806 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

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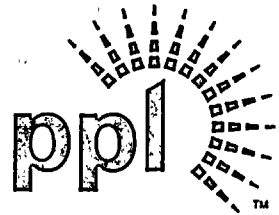
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Robert F. Saunders
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Tel. 570.542.3256 Fax 570.542.1504
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August 6, 1999

U. S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS Docket Nos. 50-387/NPF-14
and 50-388/NPF-22
PLA - 5099 FILE: R41-2A

The July 1999 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

A handwritten signature in cursive script that reads "RF Saunders".

Robert F. Saunders

/cmm

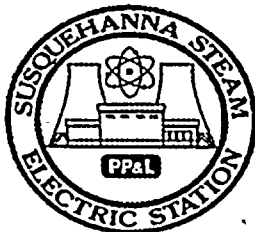
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NRC Sr. Resident Inspector, Mr. S. Hansell
NRC Sr. Project Manager, Mr. V. Nerses

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JE24/11

OPERATING DATA REPORT



DOCKET NO. 50-388
 UNIT Two
 DATE 8/5/99
 COMPLETED BY K. A. Young
 TELEPHONE (570) 542-3251

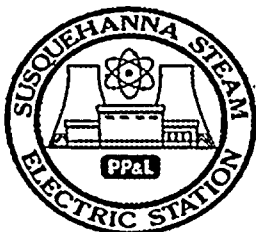
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: July 1999
3. Design Electrical Rating (Net MWe): 1100
4. Maximum Dependable Capacity (Net MWe): 1094

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>5087</u>	<u>126,791</u>
6. Number of Hours Reactor Was Critical	<u>744</u>	<u>3882.3</u>	<u>107,764.0</u>
7. Hours Generator On-Line	<u>744</u>	<u>3757.2</u>	<u>105,972.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>805,453</u>	<u>3,976,432</u>	<u>109,242,248</u>

NOTES:

OPERATING DATA REPORT



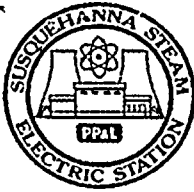
DOCKET NO. 50-387
 UNIT One
 DATE 8/5/99
 COMPLETED BY K. A. Young
 TELEPHONE (570) 542-3251

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: July 1999
3. Design Electrical Rating (Net MWe): 1100
4. Maximum Dependable Capacity (Net MWe): 1090

	This Month	Yr.-to-Date	Cumulative
5. Hours in Reporting Period	<u>744</u>	<u>5087</u>	<u>141,552</u>
6. Number of Hours Reactor Was Critical	<u>411.8</u>	<u>4605.6</u>	<u>114,214.5</u>
7. Hours Generator On-Line	<u>391.2</u>	<u>4561.5</u>	<u>112,170.3</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>398,722</u>	<u>4,802,550</u>	<u>113,628,297</u>

NOTES:



UNIT SHUTDOWNS

DOCKET NO. 50-387
 UNIT One
 DATE 8/5/99
 COMPLETED BY K. A. Young
 TELEPHONE (570) 542-3251

REPORT MONTH July 1999

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action To Prevent Recurrence
2	7-1-99	F	352.8	A	3	<p>Unit One autoscrammed at 0208 hours July 1 on a neutron monitoring upscale trip. Transient was caused by closure of the "C" MSIV while Rx was at 100% power level.</p> <p>Investigation/maintenance activities determined that the valve disc had separated from its stop plate and valve stem. Outage scope was expanded to include inspection and rebuild of three additional MSIV's. Corrective actions taken to prevent recurrence included increased torque on stop plate bolts and interference fit up checks.</p> <p>Unit returned to service at 1856 hours July 15 and reached 100% power 0900 July 17.</p>

Summary: Unit one had a circulating water pump motor fail during the startup from the forced outage. Resulting reduced flow through the main condenser caused higher than normal HP condenser back pressures. Unit reduced power three times due to high HP condenser pressure. Pump repairs were completed on July 20.

F. Forced
S. Scheduled

2. Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License 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: K.A. Young

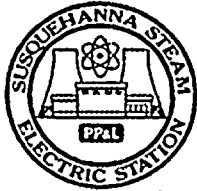
Date: 8/5/99
Telephone: (570) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.



UNIT SHUTDOWNS

DOCKET NO. 50-388
 UNIT Two
 DATE 8/5/99
 COMPLETED BY K. A. Young
 TELEPHONE (570) 542-3251

REPORT MONTH July 1999

No.	Date	Type	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action to Prevent Recurrence
						No report this month.

Unit Two performed a control rod sequence exchange on July 9. Unit maintained 100% for rest of the 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: K. A. Young

Date: 8/5/99
Telephone: (570) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

