

CATEGORY 1

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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
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 SAUNDERS, R.F. Pennsylvania Power & Light Co.
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SUBJECT: Monthly operating repts for June 1999 for Susquehanna Steam Electric Station, Units 1 & 2. With 990709 ltr.

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NOTES:

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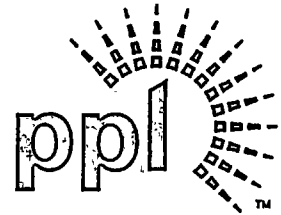
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MR

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July 9, 1999

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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS Docket No's. 50-387/NPF-14
and 50-388/NPF-22
PLA - 0005087 FILE: R41-2A

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

Very truly yours,

Robert F. Saunders

/cmm

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

1/1

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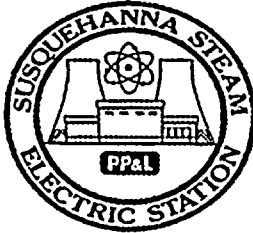
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OPERATING DATA REPORT



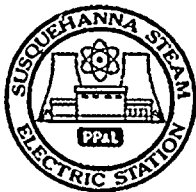
DOCKET NO. 50-387
UNIT One
DATE 7/8/99
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: June 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>720</u>	<u>4,343</u>	<u>140,808</u>
6. Number of Hours Reactor Was Critical	<u>625.4</u>	<u>4193.8</u>	<u>113,802.7</u>
7. Hours Generator On-Line	<u>602.2</u>	<u>4170.3</u>	<u>111,779.1</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>592,624</u>	<u>4,403,828</u>	<u>113,229,575</u>

NOTES:



UNIT SHUTDOWNS

DOCKET NO. 50-387
 UNIT One
 DATE 7/8/99
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH June 1999

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action To Prevent Recurrence
1	5-29-99	F	117.8	A	4	(Continuation of Forced Outage from 5-29-99) Turbine control valve failed surveillance testing due to a fast acting solenoid valve problem. Unit was taken off-line at 17:04 hours and Reactor was manually scrammed at 17:24 hours. Maintenance activities included replacement of these solenoid valves on all Turbine control valves and main steam bypass valves. Unit returned to service on June 5 at 21:50 hours and reached 100% at 0700 hours June 9 th .

Summary: Unit one experienced a downpower to 75% on June 16th to repair internal tube leaks in the 3A Feedwater heater. Unit returned to full power on June 19th

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: K.A. Young

Date: 7/8/99
Telephone: (717) 542-3251

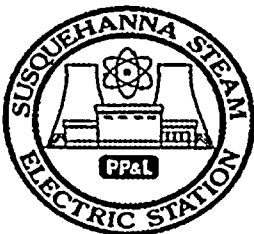
Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

OPERATING DATA REPORT



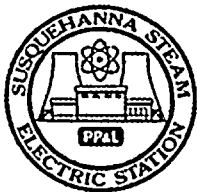
DOCKET NO. 50-388
UNIT Two
DATE 7/8/99
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: June 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>720</u>	<u>4,343</u>	<u>126,047</u>
6. Number of Hours Reactor Was Critical	<u>559.9</u>	<u>3138.3</u>	<u>107,020</u>
7. Hours Generator On-Line	<u>529.9</u>	<u>3013.2</u>	<u>105,228.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>559,120</u>	<u>3,170,979</u>	<u>108,436,795</u>

NOTES:



UNIT SHUTDOWNS

DOCKET NO. 50-388
UNIT Two
DATE 7/8/99
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

REPORT MONTH June 1999

No.	Date	Type 1	Duration (Hours)	Reason ²	Method of Shutting Down Reactor 3	Cause & Corrective Action to Prevent Recurrence
3	6/8/99	F	190.2	A	3	Unit Two experienced an autoscam at 12:06 hours June 8 th . Failure of the 2A main transformer resulted in a load reject and autoscam. A seven day forced outage was entered with maintenance activities for: replacement of the main transformer, repairs on the acoustic monitors and loose parts detectors, and replacement of fast acting solenoids on the main turbine bypass valves. Unit returned to service on June 16 th .

Unit Two power ascension was placed on hold for 18 hours on June 17 for feedwater flow balance problems with the "C" feedwater pump

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: 7/8/99
Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

Unit Two experienced an automatic reactor scram from 100% power at 1206 hours June 8. Two safety relief valves lifted to control peak reactor pressure. Data for SRV actuations is listed below. Each valve reseated after the transient.

<u>SRV</u>	<u>Length of Time Open</u> (sec)	<u>Pressure at Lift</u> (psi)	<u>Pressure at Close</u> (psi)
L	11	1098	991
M	11	1098	991

Major Changes to Radioactive Waste Treatment System

None.

