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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387
 " 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 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 Feb 1999 for Susquehanna Steam Electric Station, Units 1 & 2. With 990311 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

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Vice President - Nuclear Site Operations

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March 11, 1999

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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS Docket Nos. 50-387/NPF-14
and 50-388/NPF-22
PLA - 0005042 FILE: R41-2A

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

Very truly yours,

RF Saunders

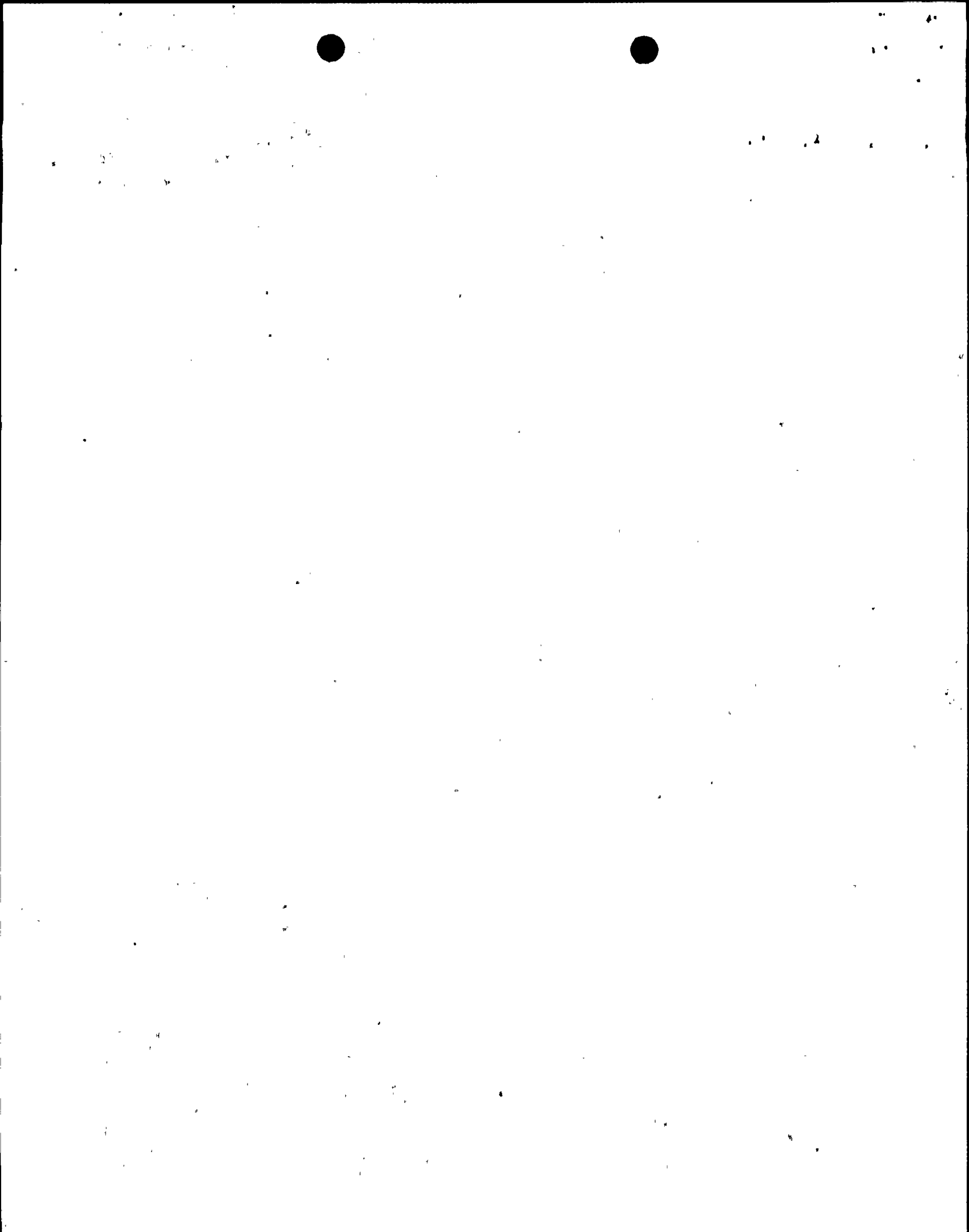
Robert F. Saunders

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cc: NRC Region 1
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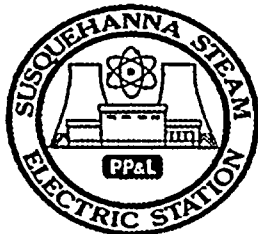
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OPERATING DATA REPORT



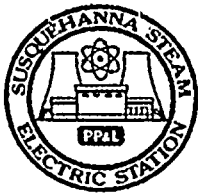
DOCKET NO. 50-387
 UNIT One
 DATE 3/11/99
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: February 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>672</u>	<u>1416</u>	<u>137,881</u>
6. Number of Hours Reactor Was Critical	<u>672</u>	<u>1416</u>	<u>111,024.9</u>
7. Hours Generator On-Line	<u>672</u>	<u>1416</u>	<u>109,024.8</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>687,568</u>	<u>1,512,373</u>	<u>110,338,120</u>

NOTES:



UNIT SHUTDOWNS

DOCKET NO. 50-387
 UNIT One
 DATE 3/11/99
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH February 1999

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action To Prevent Recurrence
						No report this month.

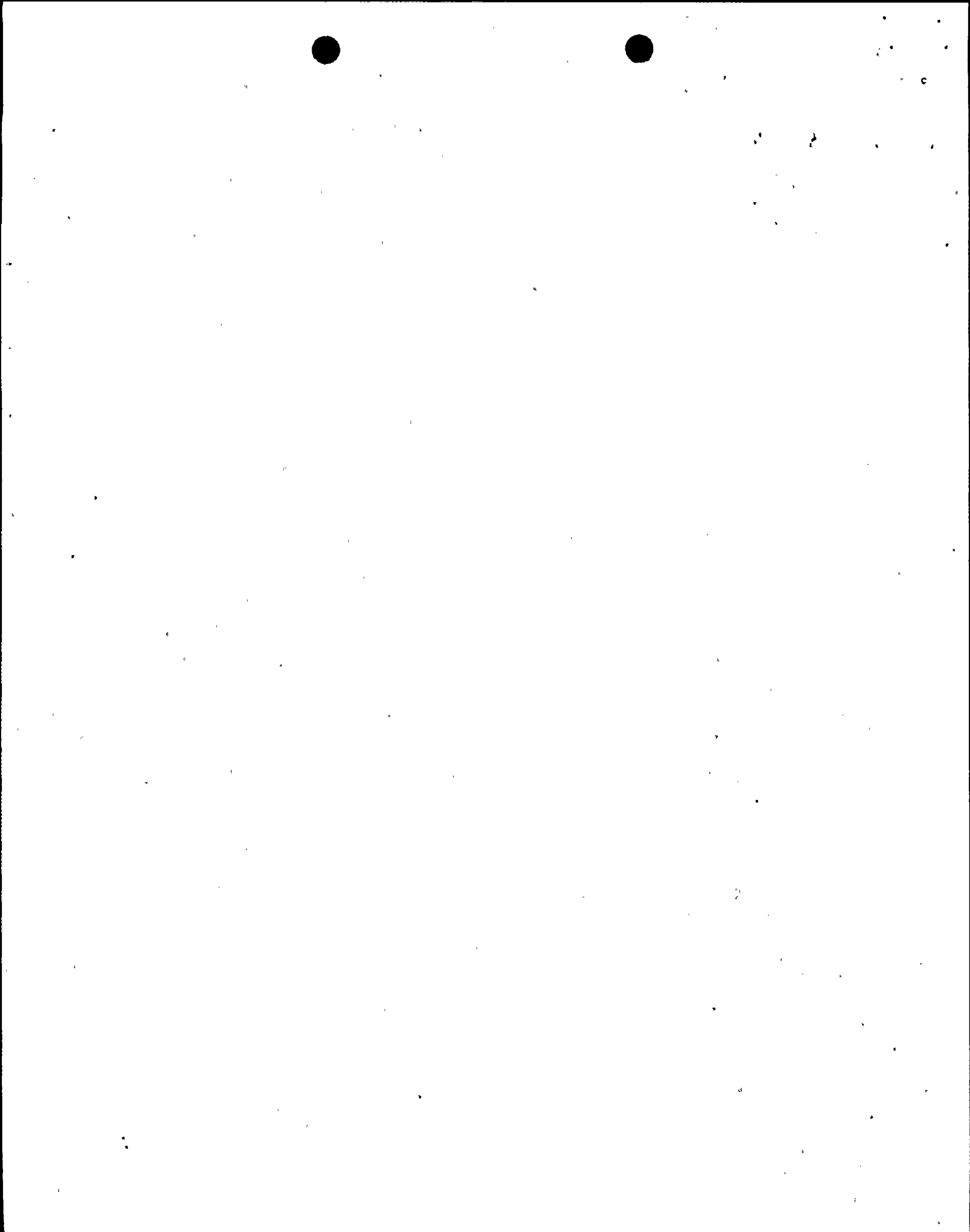
Summary: Unit One experienced two downpowers for scheduled maintenance activities during February. Power was reduced to 60% from February 5 through February 8 to repair a leak on the RWCU non-regen heat exchanger end bell. Additional main condenser work was performed. On February 18 power was reduced to 78% to repair a steam leak on a feedwater flow element flange. Power level returned to 100% on February 22.

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: 3/11/99
Telephone: (717) 542-3251

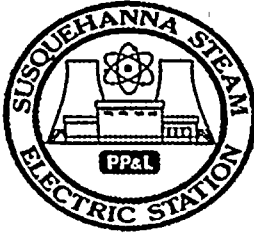
Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

OPERATING DATA REPORT



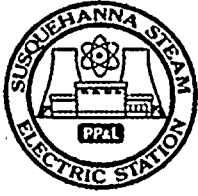
DOCKET NO. 50-388
 UNIT Two
 DATE 3/11/99
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: February 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>672</u>	<u>1416</u>	<u>123,120</u>
6. Number of Hours Reactor Was Critical	<u>672</u>	<u>1416</u>	<u>105,297.7</u>
7. Hours Generator On-Line	<u>672</u>	<u>1416</u>	<u>103,631.2</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Net Electrical Energy Generated (MWH)	<u>745,777</u>	<u>1,498,276</u>	<u>106,764,092</u>

NOTES:



UNIT SHUTDOWNS

DOCKET NO. 50-388
 UNIT Two
 DATE 3/11/99
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH February 1999

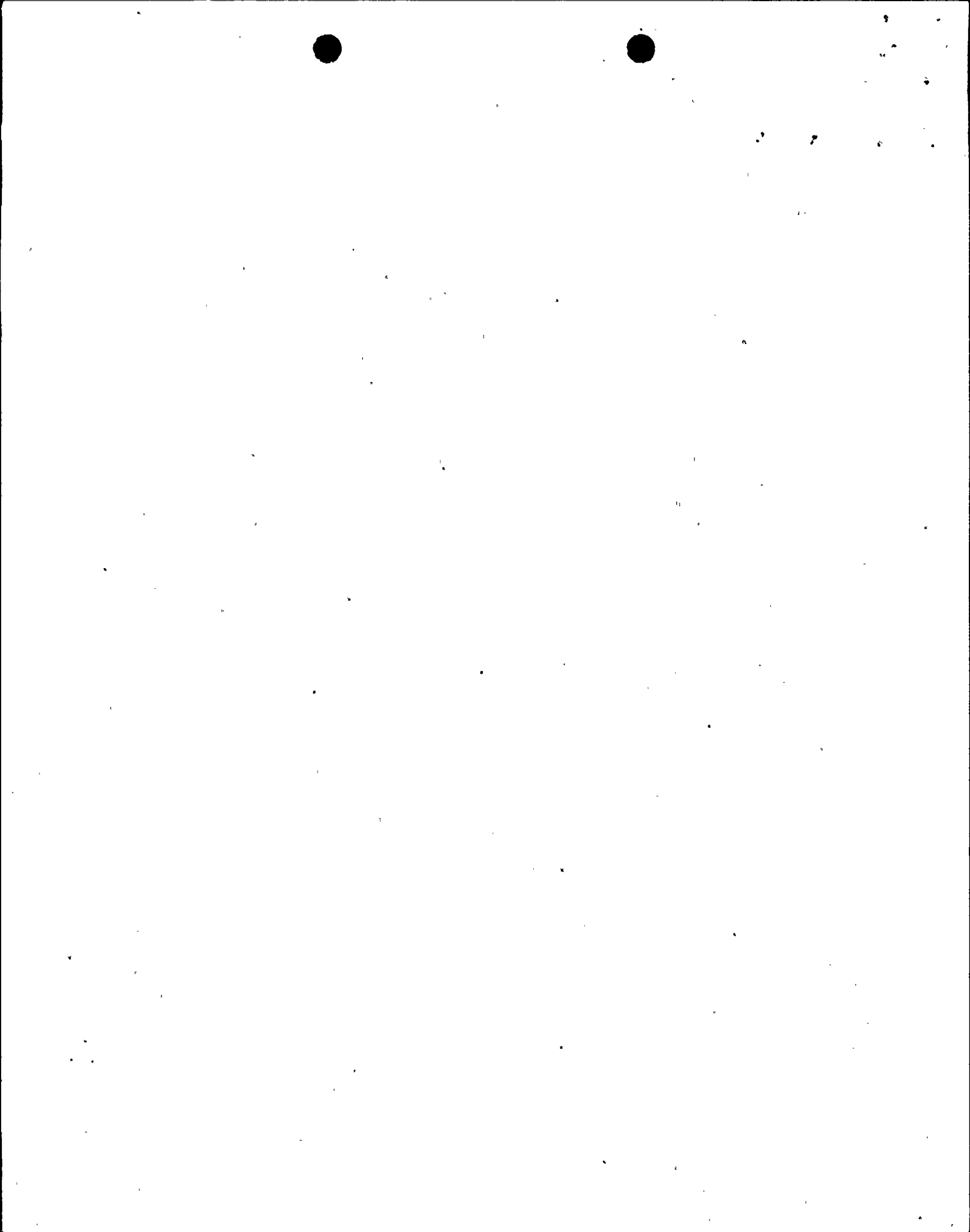
No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action to Prevent Recurrence
						No report this month.

Unit 2 operated at 100% power level for 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: 3/11/99
Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Major Changes to Radioactive Waste Treatment System

None.

