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ACCESSION NBR: 9503210514 DOC. DATE: 95/02/28 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
 BALL, R.S. Pennsylvania Power & Light Co.
 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1995 for Susquehanna Steam Electric Station Units 1 & 2. W/950315 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

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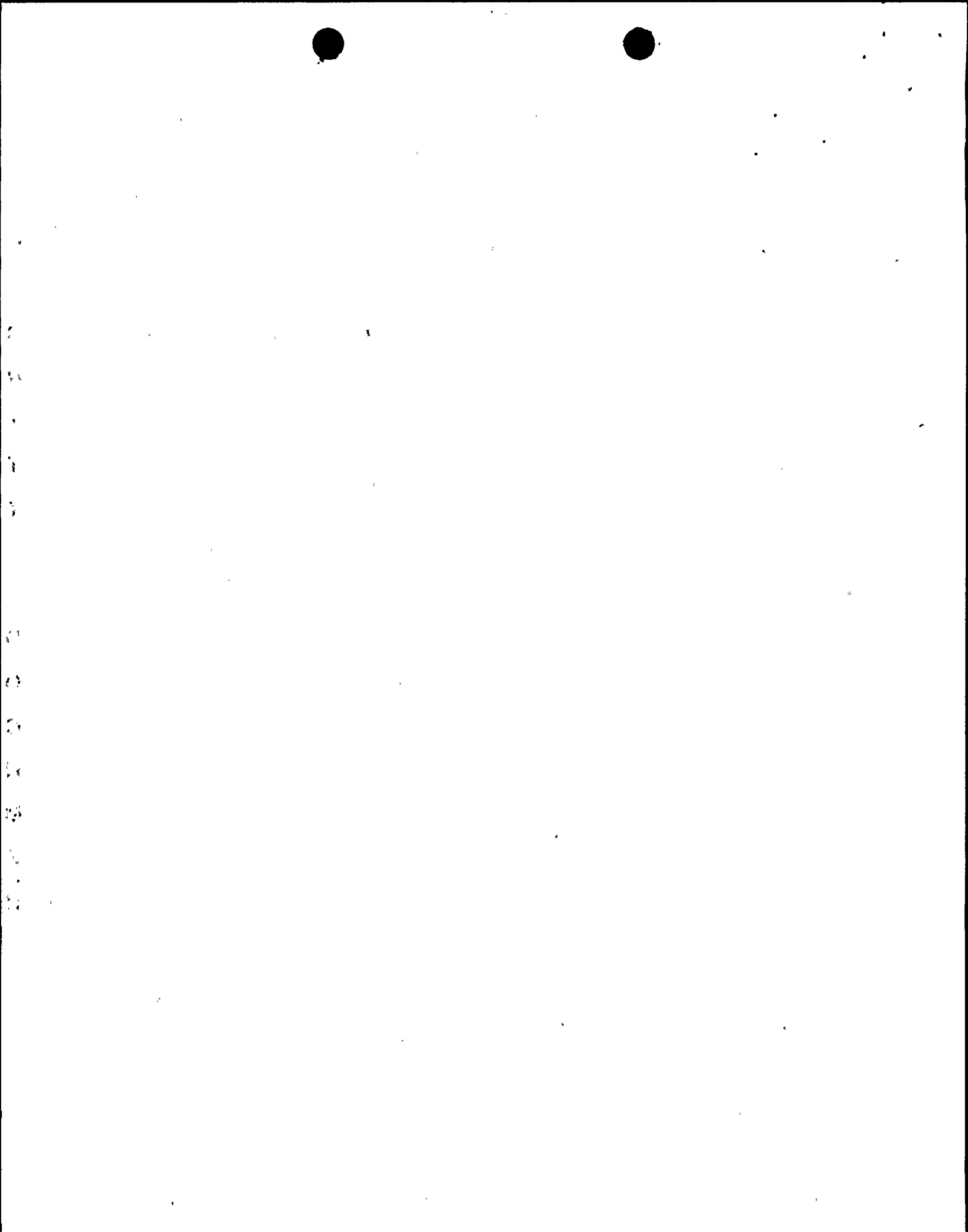
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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram
Senior Vice President—Nuclear
610/774-7502
Fax: 610/774-5019

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

MAR 15 1995

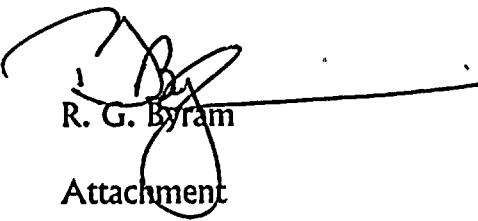
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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4283 FILE R41-2A

Docket Nos. 50-387/NPF-14
and 50-388/NPF-22

The February 1995 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,


R. G. Byram

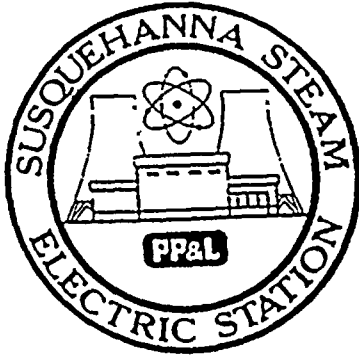
Attachment

cc: NRC Region I
Ms. M. Banerjee, NRC Sr. Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

210201

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AVERAGE DAILY UNIT POWER LEVEL

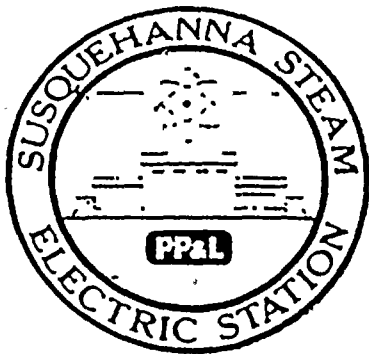
DOCKET NO. 50-387
 UNIT One
 DATE 3-08-95
 COMPLETED BY R.S. Ball
 TELEPHONE (717) 542-3453

MONTH February 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1055</u>	17	<u>1055</u>
2	<u>1058</u>	18	<u>1054</u>
3	<u>1057</u>	19	<u>1053</u>
4	<u>1055</u>	20	<u>1053</u>
5	<u>1057</u>	21	<u>1054</u>
6	<u>1057</u>	22	<u>1052</u>
7	<u>1057</u>	23	<u>1051</u>
8	<u>1057</u>	24	<u>1054</u>
9	<u>1056</u>	25	<u>1054</u>
10	<u>1027</u>	26	<u>1053</u>
11	<u>925</u>	27	<u>1053</u>
12	<u>1057</u>	28	<u>1049</u>
13	<u>1056</u>	29	<u> </u>
14	<u>1052</u>	30	<u> </u>
15	<u>1053</u>	31	<u> </u>
16	<u>1054</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 3-08-95
 COMPLETED BY R. S. Ball
 TELEPHONE (717)542-3453

OPERATING STATUS

(Unit1)

- 1. Unit Name: Susquehanna Steam Electric Station
- 2. Reporting Period: February 1995
- 3. Licensed Thermal Power (MWt): 3293
- 4. Nameplate Rating (Gross MWe): 1152
- 5. Design Electrical Rating (Net MWe): 1050
- 6. Maximum Dependable Capacity (Gross MWe): 1078
- 7. Maximum Dependable Capacity (Net MWe): 1040

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

N/A

9. Power Level To Which Restricted, If Any (Net MWe): None

10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>672</u>	<u>1,416</u>	<u>102,817</u>
12. Number Of Hours Reactor Was Critical	<u>672</u>	<u>1,416</u>	<u>80,656.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>672</u>	<u>1,416</u>	<u>79,170.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,202,248</u>	<u>4,654,967</u>	<u>249,812,837</u>
17. Gross Electrical Energy Generated (MWH)	<u>730,781</u>	<u>1,544,051</u>	<u>81,647,271</u>
18. Net Electrical Energy Generated (MWH)	<u>704,774</u>	<u>1,489,355</u>	<u>78,466,315</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>77.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>77.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.8</u>	<u>101.1</u>	<u>73.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.9</u>	<u>100.2</u>	<u>72.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>7.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling Outage to commence 3/25/95 with an estimated duration of 50 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

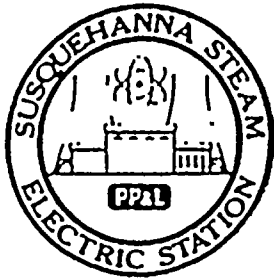
26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

Page 1 of 1

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1995

DOCKET NO. 50-387
 UNIT NAME One
 DATE 3-08-95
 COMPLETED BY R.S. Ball
 TELEPHONE (717) 542-3453

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	950210	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 commenced a power reduction to as low as 80% power at 2100 hours March 10 to perform a Control Rod Sequence Exchange. Feedwater heater emergency dump valve exercising was also accomplished during the down-power. Reactor power increase commenced at 0400 hours March 11. The Unit reached 100% power at 2103 hours March 11.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continuation
 from previous month
 5-Reduction
 9-Other

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 3-8-95

Completed by: R. S. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

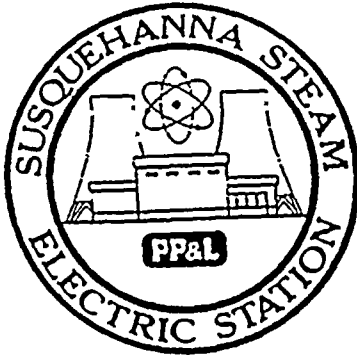
None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388

UNIT Two

DATE 3-08-95

COMPLETED BY R.S.Ball

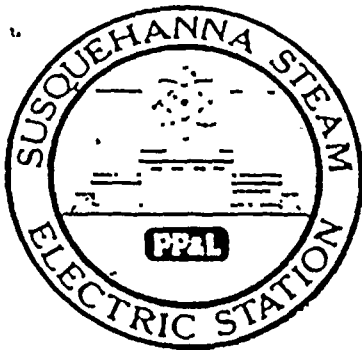
TELEPHONE (717) 542-3453

MONTH February 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1108</u>	17	<u>1107</u>
2	<u>1109</u>	18	<u>1107</u>
3	<u>1110</u>	19	<u>1106</u>
4	<u>1108</u>	20	<u>1106</u>
5	<u>1110</u>	21	<u>1108</u>
6	<u>1113</u>	22	<u>1109</u>
7	<u>1112</u>	23	<u>1107</u>
8	<u>1111</u>	24	<u>1107</u>
9	<u>1110</u>	25	<u>1107</u>
10	<u>1107</u>	26	<u>1106</u>
11	<u>1107</u>	27	<u>1106</u>
12	<u>1109</u>	28	<u>1105</u>
13	<u>1109</u>	29	<u> </u>
14	<u>1108</u>	30	<u> </u>
15	<u>1106</u>	31	<u> </u>
16	<u>1107</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.



OPERATING DATA REPORT

DOCKET NO. 50-388
 DATE 3-08-95
 COMPLETED BY R. S. Ball
 TELEPHONE (717)542-3453

OPERATING STATUS

(Unit 2)

- 1. Unit Name: Susquehanna Steam Electric Station
- 2. Reporting Period: February 1995
- 3. Licensed Thermal Power (MWt): 3441
- 4. Nameplate Rating (Gross MWe): 1168
- 5. Design Electrical Rating (Net MWe): 1100
- 6. Maximum Dependable Capacity (Gross MWe): 1132
- 7. Maximum Dependable Capacity (Net MWe): 1094

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

9. Power Level To Which Restricted, If Any (Net MWe): None

10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>672</u>	<u>1,416</u>	<u>88,056</u>
12. Number Of Hours Reactor Was Critical	<u>672</u>	<u>1,416</u>	<u>73,602.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>672</u>	<u>1,416</u>	<u>72,206.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,311,912</u>	<u>4,858,726</u>	<u>230,901,436</u>
17. Gross Electrical Energy Generated (MWH)	<u>770,310</u>	<u>1,617,740</u>	<u>75,792,524</u>
18. Net Electrical Energy Generated (MWH)	<u>744,537</u>	<u>1,563,797</u>	<u>72,964,693</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>82.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>82.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.3</u>	<u>101.0</u>	<u>79.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.7</u>	<u>100.4</u>	<u>78.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0.0</u>	<u>5.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

Page 1 of 1

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: 3-8-95

Completed by: R. S. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

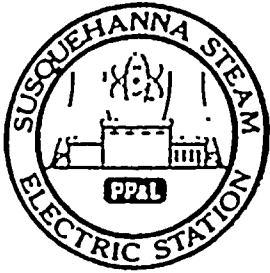
None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1995

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 3-08-95
 COMPLETED BY R.S. Ball
 TELEPHONE (717)542-3453

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
No report required this month.									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Continuation
 from previous month
 5-Reduction
 9-Other

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 Exhibit G - Instructions
 for Preparation of Data
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 0161)

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