

PRIORITY 1
(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9407180226 DOC.DATE: 94/06/30 NOTARIZED: NO DOCKET #
 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
 BALL,B. Pennsylvania Power & Light Co.
 BYRAM,R.G. Pennsylvania Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for SSES Units 1 & 2.
 W/940715 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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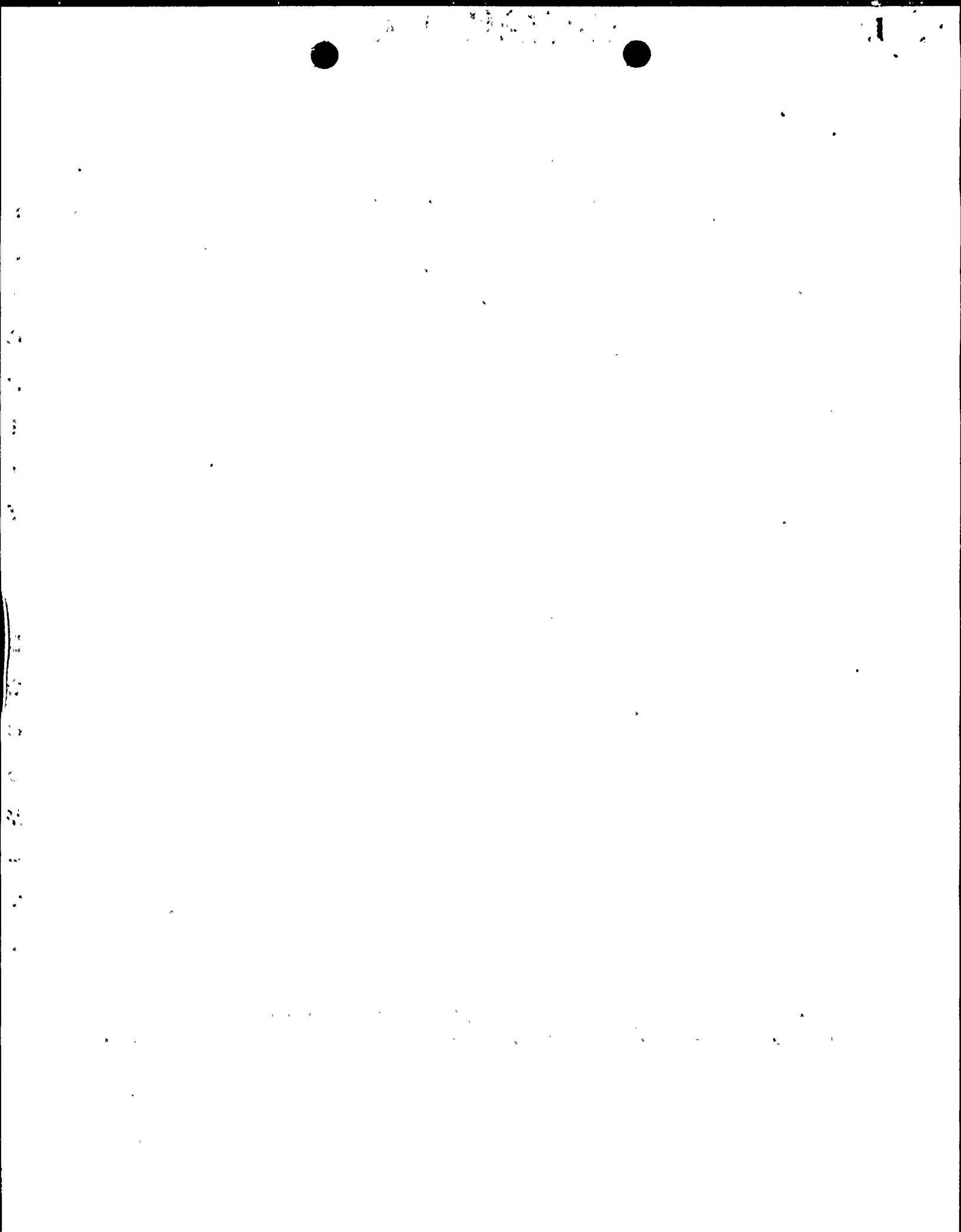
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Pennsylvania Power & Light Company

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JUL 15 1994

Submitted pursuant to
Technical Specifications
Section 6.9.1.6


U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4174 FILE R41-2A

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

The June 1994 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,


R. G. Byram
Attachment

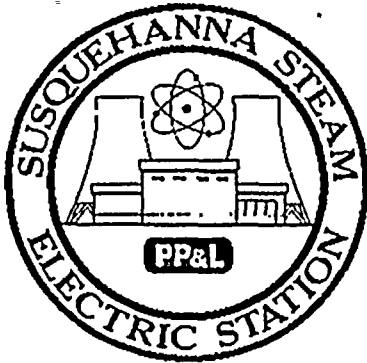
cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

9407180226 940630
PDR ADDCK 05000387
R. PDR

Handwritten initials/signature

APR 1 1961

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387

UNIT: One

DATE: 07-08-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH June 1994

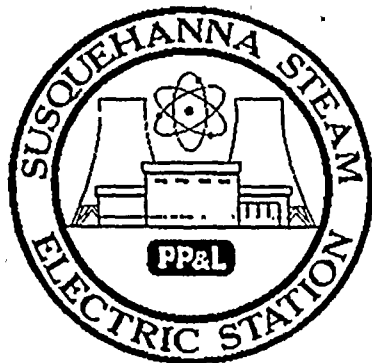
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1030</u>
2	<u>1040</u>
3	<u>1035</u>
4	<u>1032</u>
5	<u>1026</u>
6	<u>1021</u>
7	<u>1019</u>
8	<u>1030</u>
9	<u>1039</u>
10	<u>1035</u>
11	<u>1036</u>
12	<u>1030</u>
13	<u>1024</u>
14	<u>1021</u>
15	<u>1015</u>
16	<u>1015</u>

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	<u>1017</u>
18	<u>1014</u>
19	<u>1016</u>
20	<u>1025</u>
21	<u>1023</u>
22	<u>1028</u>
23	<u>1028</u>
24	<u>1000</u>
25	<u>1014</u>
26	<u>1023</u>
27	<u>1023</u>
28	<u>1025</u>
29	<u>1022</u>
30	<u>1025</u>
31	<u></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: 07-08-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

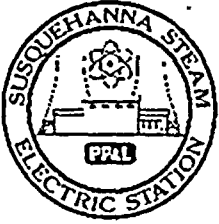
1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: June 1994
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
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>720</u>	<u>4,343</u>	<u>96,984</u>
12. Number of Hrs Reactor Was Critical	<u>720</u>	<u>3,875.4</u>	<u>74,823.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>720</u>	<u>3,832.6</u>	<u>73,337.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,371,623</u>	<u>12,290,226</u>	<u>230,776,744</u>
17. Gross Electrical Energy Generated (MWH)	<u>765,034</u>	<u>3,992,780</u>	<u>75,367,114</u>
18. Net Electric Energy Generated (MWH)	<u>737,567</u>	<u>3,842,679</u>	<u>72,405,187</u>
19. Unit Service Factor	<u>100.0</u>	<u>88.3</u>	<u>75.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>88.3</u>	<u>75.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.5</u>	<u>85.1</u>	<u>71.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>84.3</u>	<u>71.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.1</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)	<u>None.</u>		

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation): _____

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-387
 UNIT NAME One
 DATE 07-08-94
 COMPLETED BY B. 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.

F: Forced
 S: Scheduled

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

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

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

Exhibit I-Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 07-08-94

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

Challenges to Main Steam Safety Relief Valves

None.

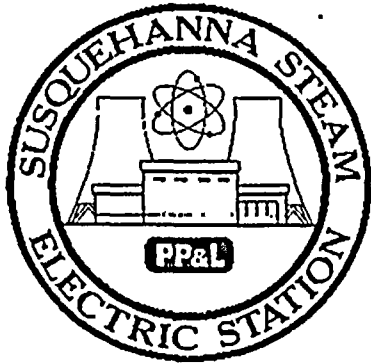
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 07-08-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH June 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	95
12	227
13	342
14	324
15	465
16	718

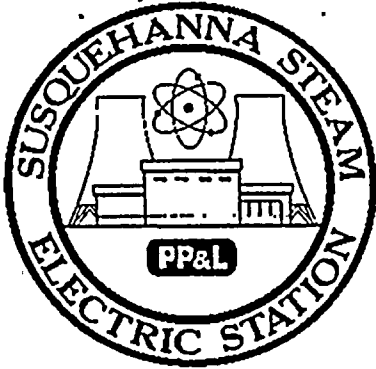
DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	774
18	812
19	876
20	968
21	1002
22	1042
23	1041
24	1035
25	1046
26	1083
27	1092
28	1095
29	1065
30	1070
31	

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: 07-08-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: June 1994
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:

-
- Completed Power Uprate Project during 6RIO
9. Power Level To Which Restricted, If Any (Net MWe): None
 10. Reasons For Restrictions, If Any: N/A
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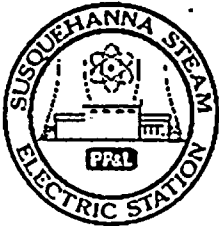
	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4,343</u>	<u>82,223</u>
12. Number of Hrs Reactor Was Critical	<u>545.7</u>	<u>2256.8</u>	<u>67,769.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>469.8</u>	<u>2162.1</u>	<u>66,373.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>1,274,265</u>	<u>6,624,972</u>	<u>210,952,602</u>
17. Gross Electrical Energy Generated (MWH)	<u>404,092</u>	<u>2,168,850</u>	<u>69,178,617</u>
18. Net Electric Energy Generated (MWH)	<u>384,032</u>	<u>2,066,482</u>	<u>66,571,658</u>
19. Unit Service Factor	<u>65.3</u>	<u>49.8</u>	<u>80.7</u>
20. Unit Availability Factor	<u>65.3</u>	<u>49.8</u>	<u>80.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>48.8</u>	<u>45.2</u>	<u>77.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>48.5</u>	<u>44.9</u>	<u>77.1</u>

23. Unit Forced Outage Rate .9 2.5 5.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)
None

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation): _____

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 07-08-94
 COMPLETED BY B. 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
5	940314	S	245.27	C	4	N/A	XX	ZZZ	Unit 2 was manually shutdown for its planned sixth refuel and inspection outage commencing at 0837 hours March 14. The generator was taken offline at 1604 hours March 14 and a manual Reactor scram was initiated at 1650 hours March 14. The sixth fuel cycle ended at 0516 hours June 11 when the main generator was synchronized to the PJM grid. Outage length was 88 days 13 hours 2 minutes. The unit reached uprated 100% power at 1326 hours June.26.

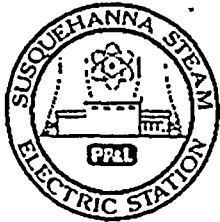
F: Forced
 S: Scheduled

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

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

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

Exhibit I-Same Source



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1994

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 07-08-94
 COMPLETED BY B. 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
6	940611	S	.73	B	9	NA	TA	ZZZ	Unit Two took the generator offline at 1546 hours June 11 to perform a scheduled turbine overspeed trip test. The generator was re-synchronized at 1630 hours June 11.
7	940612	F	4.2	A	9	NA	SJ	V	Unit Two removed the Main Turbine from service at 0559 hours June 12 to repair a steam leak on FW Heater BTV-20210B. The Unit was returned to service at 1011 hours June 12.

F: Forced
 S: Scheduled

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

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

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

Exhibit I-Same Source



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SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: 07-08-94

Completed by B. 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.