

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9607190123    DOC. DATE: 96/06/30    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.  
 BYRAM, R.G.                  Pennsylvania Power & Light Co.  
 RECIP. NAME                  RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1996 for Susquehanna Steam Electric Station, Units 1 & 2. W/960715 ltr.

DISTRIBUTION CODE: IE24D    COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9  
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	PD1-2 PD		1	1		POSLUSNY, C		1	1
INTERNAL:	ACRS		1	1		AEOD/SPD/RRAB		1	1
	<del>FILE CENTER</del> 01		1	1		NRR/DRPM/PECB		1	1
	RGNI		1	1					
EXTERNAL:	LITCO BRYCE, J H		1	1		NOAC		1	1
	NRC PDR		1	1					
NOTES:			1	1					

NOTE TO ALL "RIDS" RECIPIENTS:  
 PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM  
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 11 ENCL 11

C  
A  
T  
E  
G  
O  
R  
Y  
1  
D  
O  
C  
U  
M  
E  
N  
T



**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

JUL 15 1996

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

U.S. Nuclear Regulatory Commission  
Attn.: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
PLA-4481 FILE R41-2A

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

The June 1996 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

R. G. Byram

Attachment

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

9607190123 960630  
PDR ADDCK 05000387  
R PDR

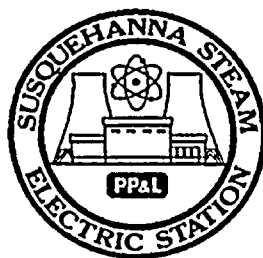
190042

FE24  
11



100 100

## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
 UNIT One  
 DATE 07-08-96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

MONTH June 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1095
2.	1092
3.	1081
4.	1091
5.	1091
6.	1090
7.	1085
8.	1054
9.	1080
10.	1077
11.	1078
12.	1081
13.	1084
14.	1080
15.	854
16.	924

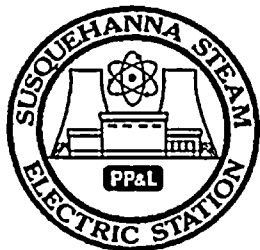
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1074
18.	1083
19.	1086
20.	1081
21.	1081
22.	1081
23.	1088
24.	1086
25.	1084
26.	1091
27.	1089
28.	1061
29.	814
30.	952
31.	

**INSTRUCTION:**

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  
 UNIT One  
 DATE 07/08/96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

**NOTES**

OPERATING STATUS

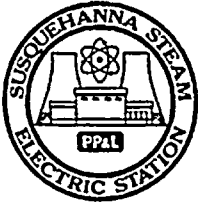
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: June 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
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	720	4,367	114,528
12. Number of Hours Reactor Was Critical	720	4,367	90,784.0
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	720	4,367	89,250.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,405,576	14,803,887	283,181,076
17. Gross Electrical Energy Generated (MWH)	788,534	4,919,455	92,740,821
18. Net Electrical Energy Generated (MWH)	760,511	4,747,925	89,150,528
19. Unit Service Factor	100.0	100.0	77.9
20. Unit Availability Factor	100.0	100.0	77.9
21. Unit Capacity Factor (Using MDC Net)	96.9	99.75	74.5
22. Unit Capacity Factor (Using DER Net)	96.0	98.84	73.8
23. Unit Forced Outage Rate	0	0	6.8

24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
9th Refuel Outage: start September 7, 1996; duration 36 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 |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

## UNIT SHUTDOWNS AND POWER REDUCTIONS



DOCKET NO. 50-387  
 UNIT One  
 DATE 07/08/96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

REPORT MONTH June 1996

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
4	960615	S	0.0	B	5	N/A	AA	ACC	Unit 1 commenced a power reduction to as low as 72% at 0500 hours June 15 to perform control rod drive hydraulic control unit (HCU) maintenance. Additional work during the downpower included control rod scram timing and condenser waterbox inspections. The Unit commenced power increase at 2200 hours June 16 and reached 100% power at 0500 hours June 17.
5	960628	S	0.0	B	5	N/A	AA	ACC	Unit 1 commenced a power reduction to as low as 70% power at 2100 hours June 28 to perform control rod drive hydraulic control unit (HCU) maintenance. Additional work during downpower included control rod scram timing, condenser waterbox inspection, and change out of instrumentation cards for the "B" RFP turbine. The Unit commenced startup at 2100 hours June 30 and returned to 100% power at 0708 hours July 1.

- |                                 |   |  |   |                               |
|---------------------------------|---|--|---|-------------------------------|
| 1.<br>F. Forced<br>S. Scheduled | 2.<br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training & License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) | 3.<br>Method:<br>1- Manual<br>2- Manual Scram<br>3- Automatic Scram<br>4- Continuation from previous month<br>5- Reduction<br>9- Other | 4.<br>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161) | 5.<br>Exhibit I - Same Source |
|---------------------------------|---|--|---|-------------------------------|

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number: 50-387

Date: 07/08/96

Completed by: K. A. Young

Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

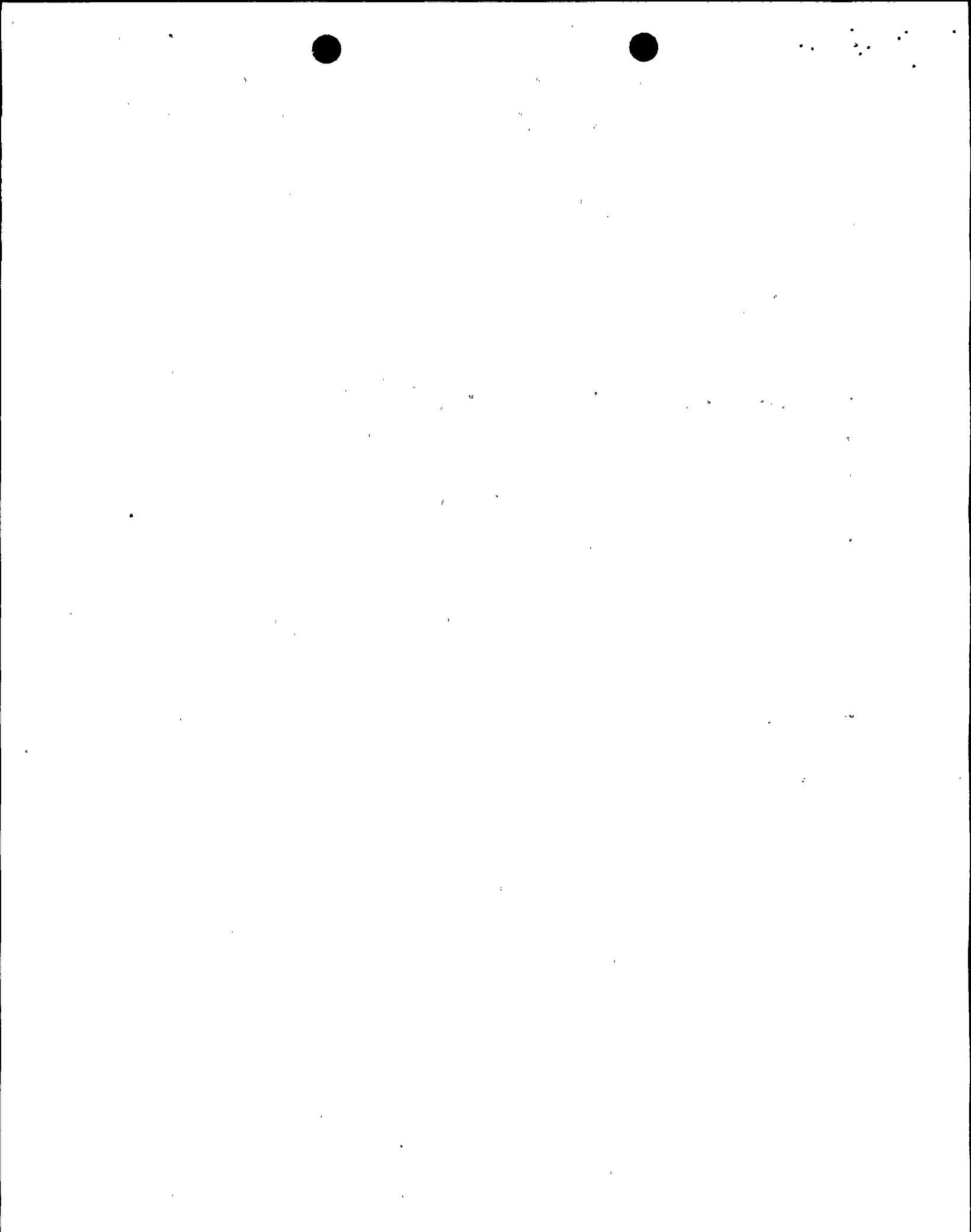
Changes to the Offsite Dose Calculation Manual

None.

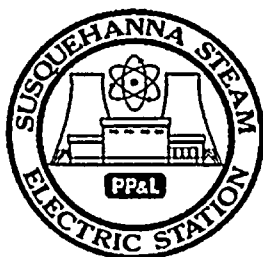
Major Changes to Radioactive Waste Treatment System

None.





## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388  
 UNIT Two  
 DATE 07/08/96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

MONTH June 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1110
2.	1097
3.	1100
4.	1098
5.	1097
6.	1097
7.	1090
8.	1085
9.	1086
10.	1085
11.	1086
12.	1088
13.	1090
14.	1088
15.	1089
16.	1089

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1087
18.	1090
19.	1091
20.	1088
21.	1089
22.	1089
23.	1094
24.	1092
25.	1091
26.	1098
27.	1096
28.	1093
29.	1094
30.	1091
31.	

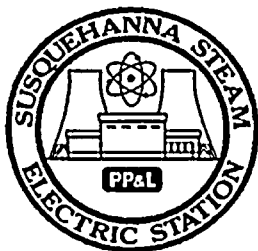
**INSTRUCTION:**

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.



12 000 000 000

# OPERATING DATA REPORT



DOCKET NO. 50-388  
 UNIT Two  
 DATE 07/08/96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

NOTES:

## OPERATING STATUS

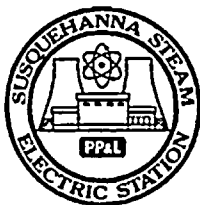
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: June 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
8. If changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:  
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	720	4,367	99,767
12. Number of Hours Reactor Was Critical	720	4,367	84,330.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	720	4,367	82,850.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,468,936	14,889,487	267,975,373
17. Gross Electrical Energy Generated (MWH)	813,331	4,974,224	87,643,470
18. Net Electrical Energy Generated (MWH)	785,975	4,806,097	84,399,738
19. Unit Service Factor	100.0	100.0	83.0
20. Unit Availability Factor	100.0	100.0	83.0
21. Unit Capacity Factor (Using MDC Net)	99.8	100.6	80.2
22. Unit Capacity Factor (Using DER Net)	99.2	100.1	79.8
23. Unit Forced Outage Rate	0	0	4.7
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>NONE</u>			

11. If Shut Down at End of Report Period, Estimated Date of Startup: \_\_\_\_\_
12. Units in Test Status (Prior to Commercial Operation):
 

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS



DOCKET NO. 50-388  
 UNIT Two  
 DATE 07/08/96  
 COMPLETED BY K. A. Young  
 TELEPHONE (717) 542-3251

REPORT MONTH June 1996

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No report required for June 1996

1.  
F. Forced  
S. Scheduled

2.  
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)

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



11/11/11

11/11/11

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number: 50-388

Date: 07/08/96

Completed by: K. A. Young

Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.