

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8905230252 DOC. DATE: ^{5/15/89} ~~89/04/30~~ 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.
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1989 for Susquehanna Steam Electric Station. W/890515 ltr.

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

NOTES: LPDR 1 cy Transcripts. 05000387 /
 LPDR 1 cy Transcripts. 05000388 /

	RECIPIENT		COPIES		
	ID CODE/NAME	LTR	ENCL		
	PD1-2 LA	4	4		
	THADANI, M	1	1		
INTERNAL:	ACRS	10	10	AEOD/DOA	1 1
	AEOD/DSP/TPAB	1	1	IRM TECH ADV	2 2
	NRR/DLPO/PEB 11	1	1	NRR/DOEA/EAB 11	1 1
	NRR/DREP/RPB 10	1	1	NUDOCS-ABSTRACT	1 1
	<u>REG-FILE</u> 01	1	1	RGN1	1 1
EXTERNAL:	EG&G SIMPSON, F	1	1	LPDR	1 1
	NRC PDR	1	1	NSIC	1 1

NOTES: 2 2

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 32 ENCL 32

R
I
D
S
/
A
D
D
S

me



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/770-5151

Harold W. Keiser
Senior Vice President-Nuclear
215/770-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

MAY 15 1989

Mr. William G. McDonald
Director, Office of Administration
and Resources Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3198 FILE R41-2A

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

Dear Mr. McDonald:

The April 1989 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

Attachment

cc: ~~Document Control Desk (Original)~~

NRC Region I

Mr. G. S. Barber - NRC Resident Inspector
Mr. M. C. Thadani - NRC Project Manager

8905230252 890430
PDR ADOCK 05000387
R PDC

IER4
11



1000

1000

1000

1000

1000

1000

1000

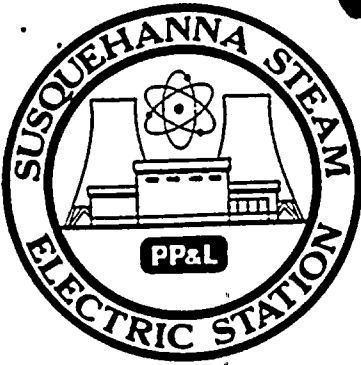
1000

1000

1000

1000

1000



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE 5-2-89
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

MONTH April, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</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.

(9/77)

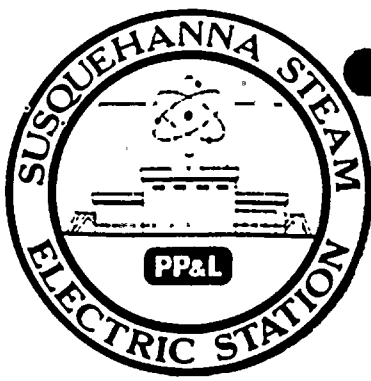
IE24



Small cluster of dots in the top right corner.

Small cluster of dots at the bottom left.

Large, dense cluster of dots at the bottom right.



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 5-2-89
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 1989
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): 1068.5
7. Maximum Dependable Capacity (Net MWe): 1032
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

No changes were made.

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

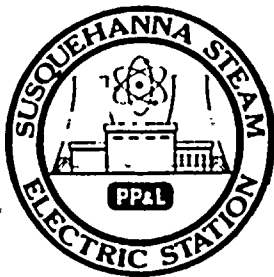
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>51,696</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1721</u>	<u>38,662.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,640.5</u>	<u>37,793.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>5,179,220</u>	<u>117,782,731</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,705,432</u>	<u>38,429,292</u>
18. Net Electrical Energy Generated (MWH)	<u>-7342</u>	<u>1,627,084</u>	<u>36,872,565</u>
19. Unit Service Factor	<u>0</u>	<u>57.0</u>	<u>73.1</u>
20. Unit Availability Factor	<u>0</u>	<u>57.0</u>	<u>73.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>54.8</u>	<u>69.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>53.8</u>	<u>67.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>22.3</u>	<u>10.3</u>

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

Unit one commenced its fourth refueling outage on March 30, 1989. Duration of this outage plan is eleven weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 16, 1989

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1989

DOCKET NO. 50-387
 UNIT NAME One
 DATE 5/2/89
 COMPLETED BY K.A. Young
 TELEPHONE (717)542-3251

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	890330	S	719	C	4	N/A	XX	ZZZ	Unit one commenced its fourth refuel and inspection outage (4RIO) on March 30, 1989. Planned outage length is for eleven weeks with estimated return to power date of June 16, 1989.

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-Reduction¹
 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 05/02/89

Completed by K. A. Young Telephone (717)542-3251

Challenges to Main Steam Safety Relief Valves

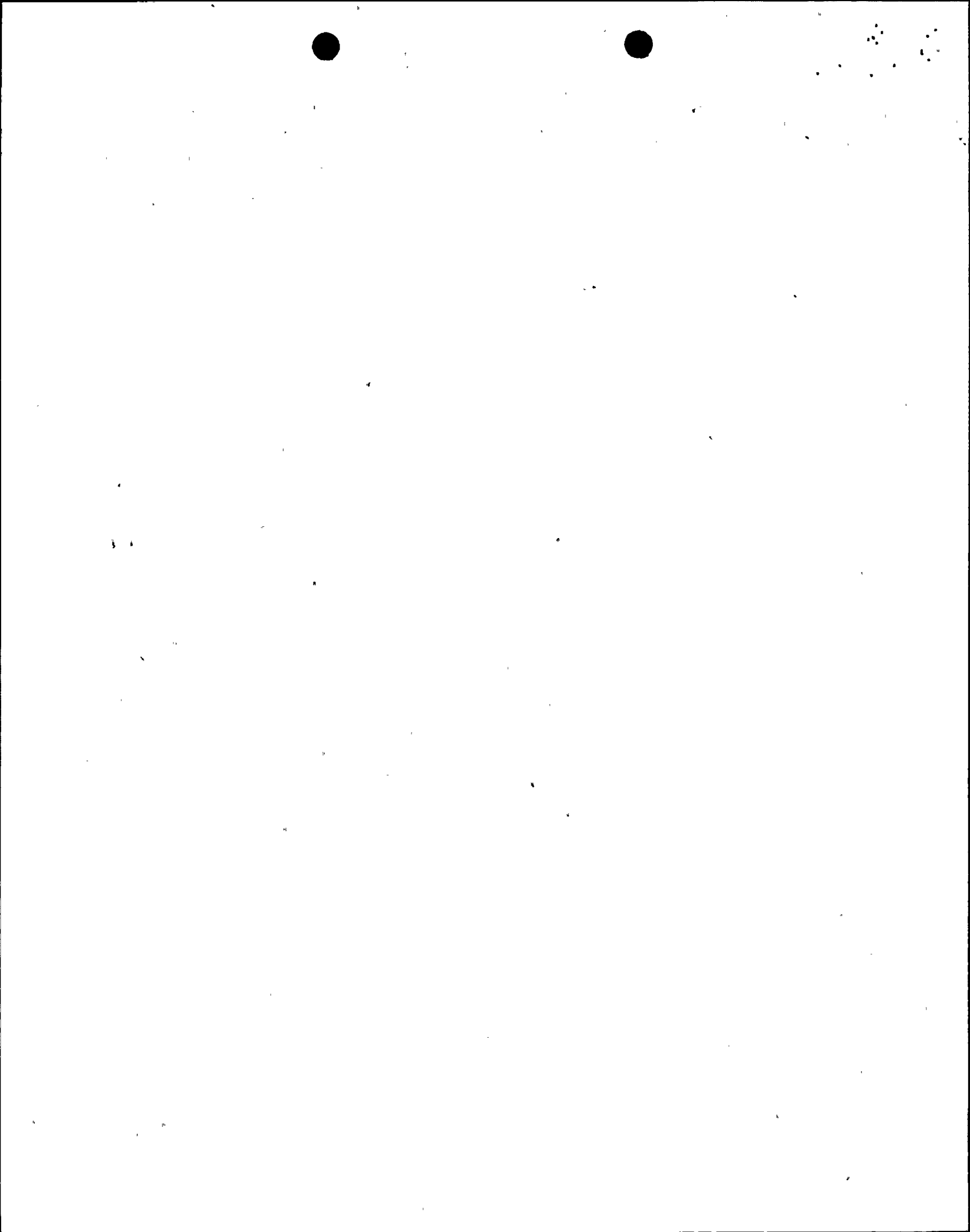
None

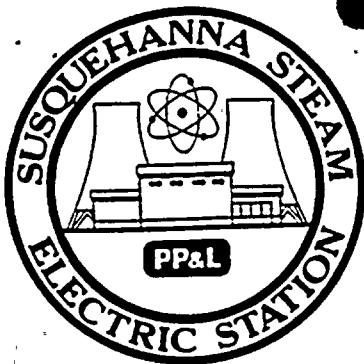
Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None





AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388

UNIT Two

DATE 5-2-89

COMPLETED BY K.A. Young

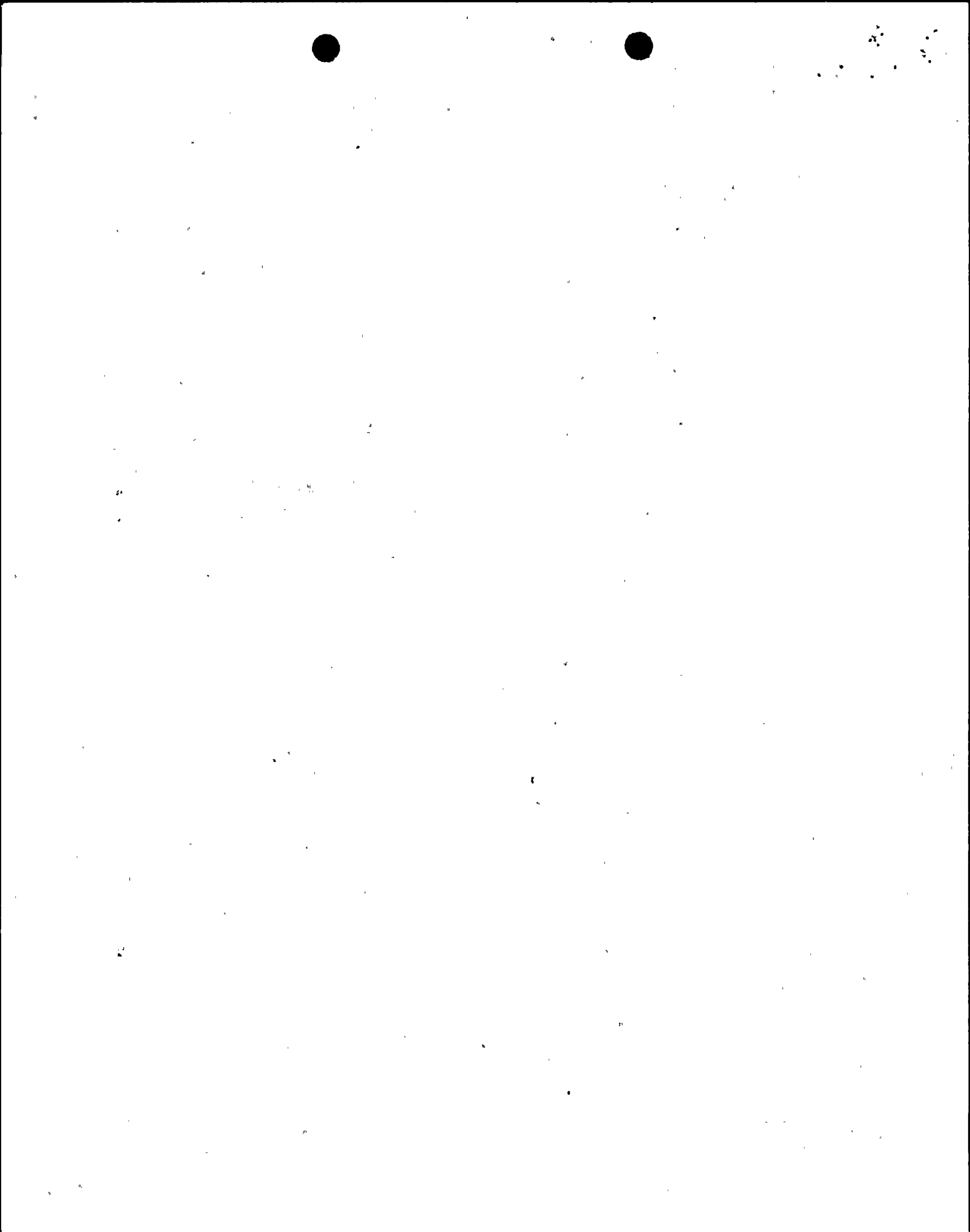
TELEPHONE (717) 542-3251

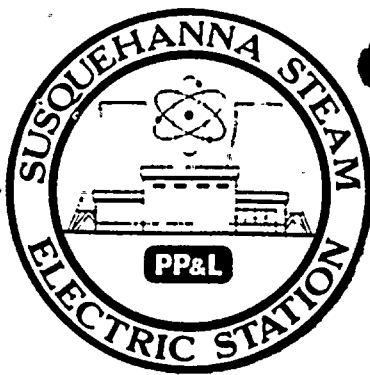
MONTH April, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1058</u>	17	<u>1054</u>
2	<u>1057</u>	18	<u>1051</u>
3	<u>1054</u>	19	<u>1056</u>
4	<u>1046</u>	20	<u>1056</u>
5	<u>1050</u>	21	<u>1054</u>
6	<u>1056</u>	22	<u>1058</u>
7	<u>1058</u>	23	<u>1058</u>
8	<u>1059</u>	24	<u>1058</u>
9	<u>1058</u>	25	<u>1055</u>
10	<u>1060</u>	26	<u>1051</u>
11	<u>1060</u>	27	<u>1051</u>
12	<u>1057</u>	28	<u>1052</u>
13	<u>1057</u>	29	<u>694</u>
14	<u>1057</u>	30	<u>1034</u>
15	<u>1055</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. 50-388
 DATE 5-2-89
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 1989
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): 1074.3
7. Maximum Dependable Capacity (Net MWe): 1037.8

Notes

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

No changes were made.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

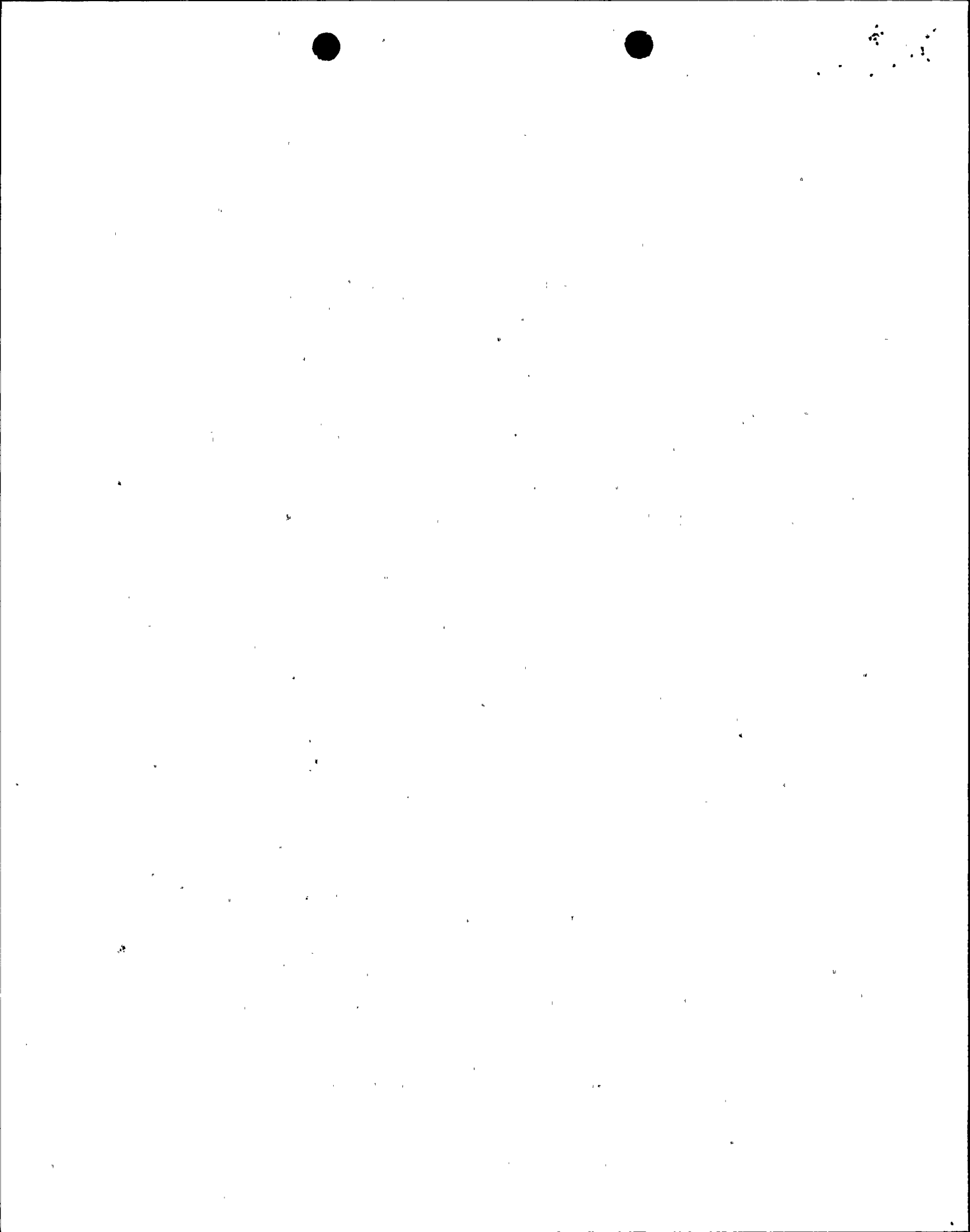
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2,879</u>	<u>36,935</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2,706.2</u>	<u>30,455.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>719</u>	<u>2,656.2</u>	<u>29,804.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,329,970</u>	<u>8,407,143</u>	<u>93,782,746</u>
17. Gross Electrical Energy Generated (MWH)	<u>775,114</u>	<u>2,782,144</u>	<u>30,728,973</u>
18. Net Electrical Energy Generated (MWH)	<u>749,572</u>	<u>2,681,529</u>	<u>29,571,590</u>
19. Unit Service Factor	<u>100.0</u>	<u>92.3</u>	<u>80.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>92.3</u>	<u>80.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.5</u>	<u>89.8</u>	<u>77.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.3</u>	<u>88.7</u>	<u>76.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>4.9</u>	<u>7.4</u>

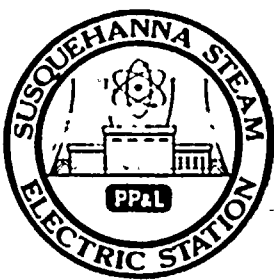
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Unit two is scheduled for a refueling outage on September 9, 1989. Duration of this outage plan is eleven weeks.

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 April 1989

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 5-2-89
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

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
4	890428	S	0	B	5	N/A	ZZ	ZZZ	Commencing at 2300 hours April 28, Unit two reactor power was reduced to 35% for scheduled maintenance outage. Control rod sequence exchange and Recirc motor generator (MG) brush change out were completed. Reactor power returned to 100% level at 0700 hours April 30.

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



SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date 05/02/89

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 Systems

None

