

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

0613  
 ACCESSION NBR: 8806220113      DOC. DATE: 88/05/31      NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania      05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania      05000388  
 AUTH. NAME      AUTHOR AFFILIATION  
 HIRT, J.A.      Pennsylvania Power & Light Co.  
 KEISER, H.W.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for May 1988 for Susquehanna SES Units 1 & 2. W/880613 ltr.

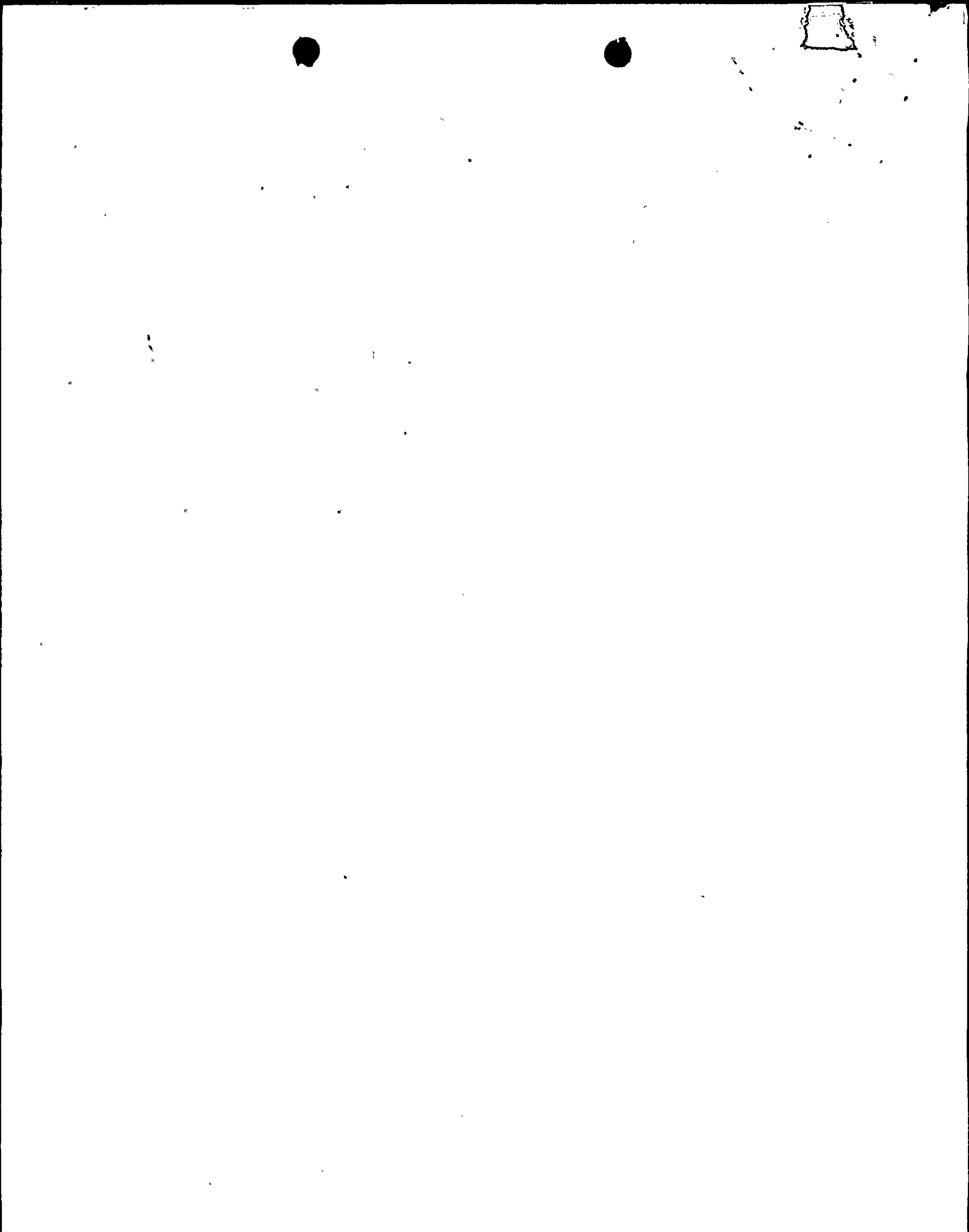
DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9  
 TITLE: Monthly Operating Report (per Tech Specs)

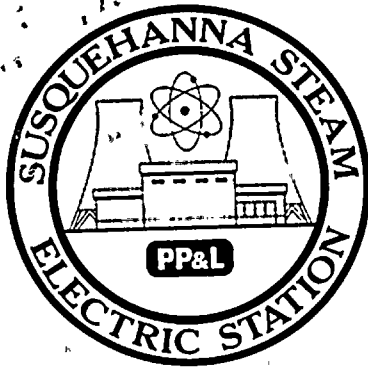
NOTES: LPDR 2 cys Transcripts.      05000387  
 LPDR 2 cys Transcripts.      05000388

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387  
 UNIT One  
 DATE 06/06/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717) 542-3917

MONTH May, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	979	17	1,043
2	1,054	18	1,045
3	1,053	19	1,045
4	1,050	20	1,044
5	1,048	21	1,043
6	1,046	22	1,040
7	1,046	23	1,036
8	1,044	24	1,041
9	1,049	25	1,052
10	1,047	26	1,052
11	1,047	27	1,045
12	1,049	28	1,039
13	1,043	29	1,037
14	1,049	30	1,037
15	1,044	31	1,038
16	1,044		

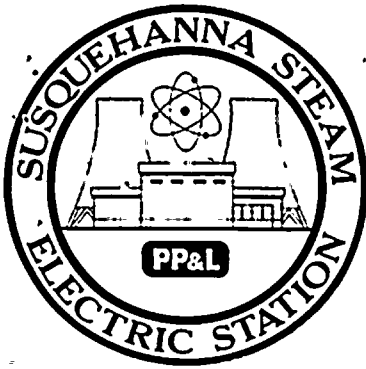
INSTRUCTIONS

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)

8806220113 880531  
 PDR ADOCK 05000387  
 R DCD

*JE24/11*



OPERATING DATA REPORT

DOCKET NO. 50-387  
 DATE 06/06/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: May, 1988
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 1068
7. Maximum Dependable Capacity (Net MWe): 1032
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes

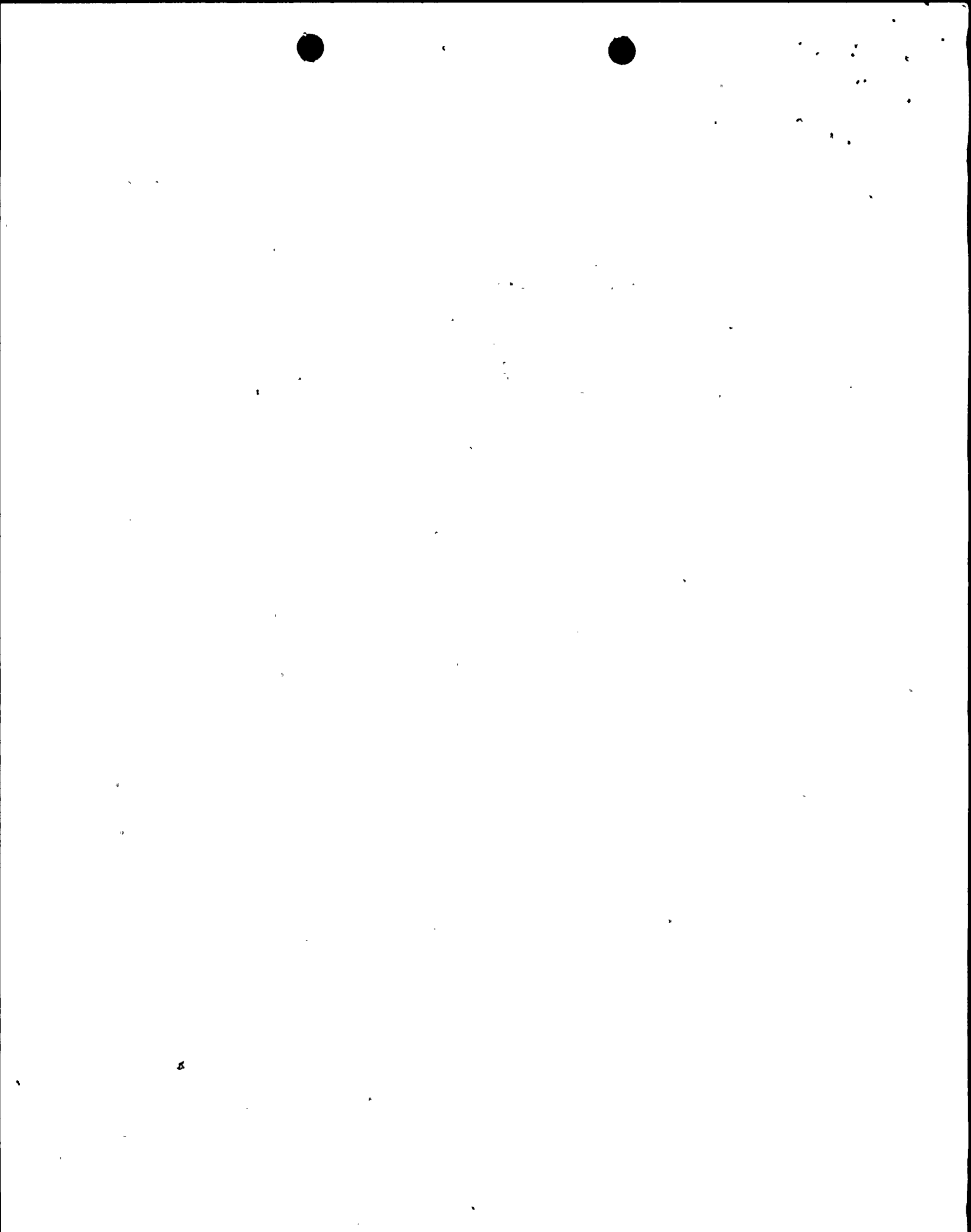
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

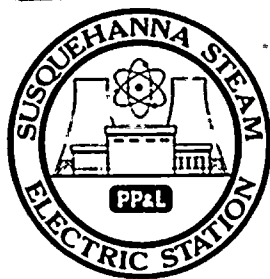
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3,647</u>	<u>43,680</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3,372</u>	<u>32,024.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>812.7</u>
14. Hours Generator On-Line	<u>744</u>	<u>3,328.4</u>	<u>31,275.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,446,779</u>	<u>10,701,440</u>	<u>96,754,917</u>
17. Gross Electrical Energy Generated (MWH)	<u>801,890</u>	<u>3,528,002</u>	<u>31,538,601</u>
18. Net Electrical Energy Generated (MWH)	<u>775,857</u>	<u>3,406,019</u>	<u>30,247,247</u>
19. Unit Service Factor	<u>100.0</u>	<u>91.3</u>	<u>71.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>91.3</u>	<u>71.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.1</u>	<u>90.5</u>	<u>67.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.9</u>	<u>87.7</u>	<u>65.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.3</u>	<u>10.2</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit One is not scheduled to be shutdown within the next six months.

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

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

DOCKET NO: 50-387  
 UNIT NAME SSES-Unit One  
 DATE 06/06/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717) 542-3917

REPORT MONTH May, 1988

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
									There were no unit shutdowns or significant power reductions for the month of May, 1988.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

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

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

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date 06/06/88

Completed by J.A. Hirt Telephone (717) 542-3917

Challenges to Main Steam Safety Relief Valves

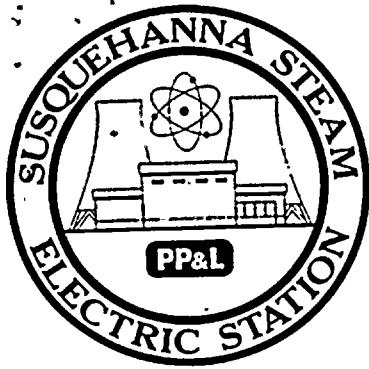
None

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 06/06/88

COMPLETED BY J.A. Hirt

TELEPHONE (717) 542-3917

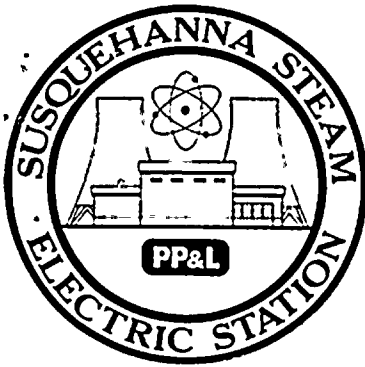
MONTH May, 1988

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.





OPERATING DATA REPORT

DOCKET NO. 50-388  
 DATE 06/06/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: May, 1988
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 1068
7. Maximum Dependable Capacity (Net MWe): 1032
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes

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

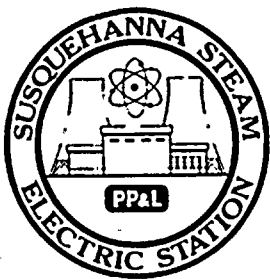
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3,647</u>	<u>28,919</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1,560</u>	<u>23,152</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,536.5</u>	<u>22,697.4</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>4,798,980</u>	<u>71,424,693</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,572,662</u>	<u>23,379,424</u>
18. Net Electrical Energy Generated (MWH)	<u>-10,710</u>	<u>1,500,975</u>	<u>22,498,650</u>
19. Unit Service Factor	<u>0</u>	<u>42.1</u>	<u>78.5</u>
20. Unit Availability Factor	<u>0</u>	<u>42.1</u>	<u>78.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>39.9</u>	<u>75.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>38.6</u>	<u>73.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0.0</u>	<u>8.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit Two is currently shutdown for its second refueling and inspection outage.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 18, 1988

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

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-388  
 UNIT NAME SSES-Unit Two  
 DATE 06/06/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717) 542-3917

REPORT MONTH May, 1988

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
1	880305	S	744	C	1	N/A	zzzz	zzzzzz	Unit Two is currently shutdown for its Second Refueling and Inspection Outage. The end of the outage is projected to be June 18, 1988.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

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

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

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date 06/06/88

Completed by J.A. Hirt Telephone (717) 542-3917

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None



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**Pennsylvania Power & Light Company**

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

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

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

JUN 13 1988

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-3042 FILE R41-2A

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

Dear Mr. McDonald:

The May 1988 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. F. I. Young - NRC Sr. Resident Inspector  
Mr. M. C. Thadani - NRC Project Manager

IE24  
11

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