

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8803150119      DOC. DATE: 88/02/29      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  
 HIRT, J.A.      Pennsylvania Power & Light Co.  
 KEISER, H.W.      Pennsylvania Power & Light Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Feb 1988.W/880311 ltr.

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

NOTES: 1cy NMSS/FCAF/PM.      LPDR 2cys Transcripts.      05000387  
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NOTES:			3	3					

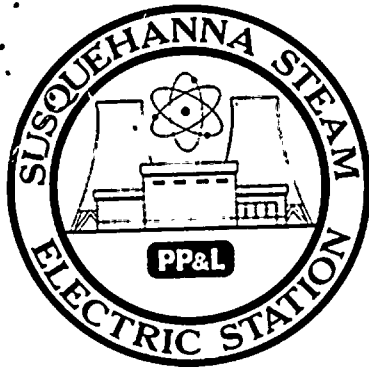
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387  
 UNIT One  
 DATE 03/02/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717)542-3917

MONTH February, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1049	17	1053
2	1052	18	1055
3	1054	19	1054
4	1053	20	1052
5	1055	21	1053
6	1051	22	1054
7	1051	23	1053
8	1053	24	1056
9	1052	25	1056
10	1051	26	1056
11	1051	27	954
12	1051	28	981
13	1053	29	1054
14	1053	30	
15	1050	31	
16	1052		

INSTRUCTIONS

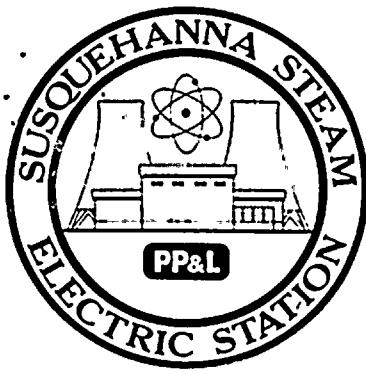
On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

*IE24*  
*11*

8803150119 880229  
 PDR ADOCK 05000387  
 R DCD





OPERATING DATA REPORT

DOCKET NO. 50-387  
 DATE 03/02/88  
 COMPLETED BY J. A. Hirt  
 TELEPHONE (717)542-3917

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: February, 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

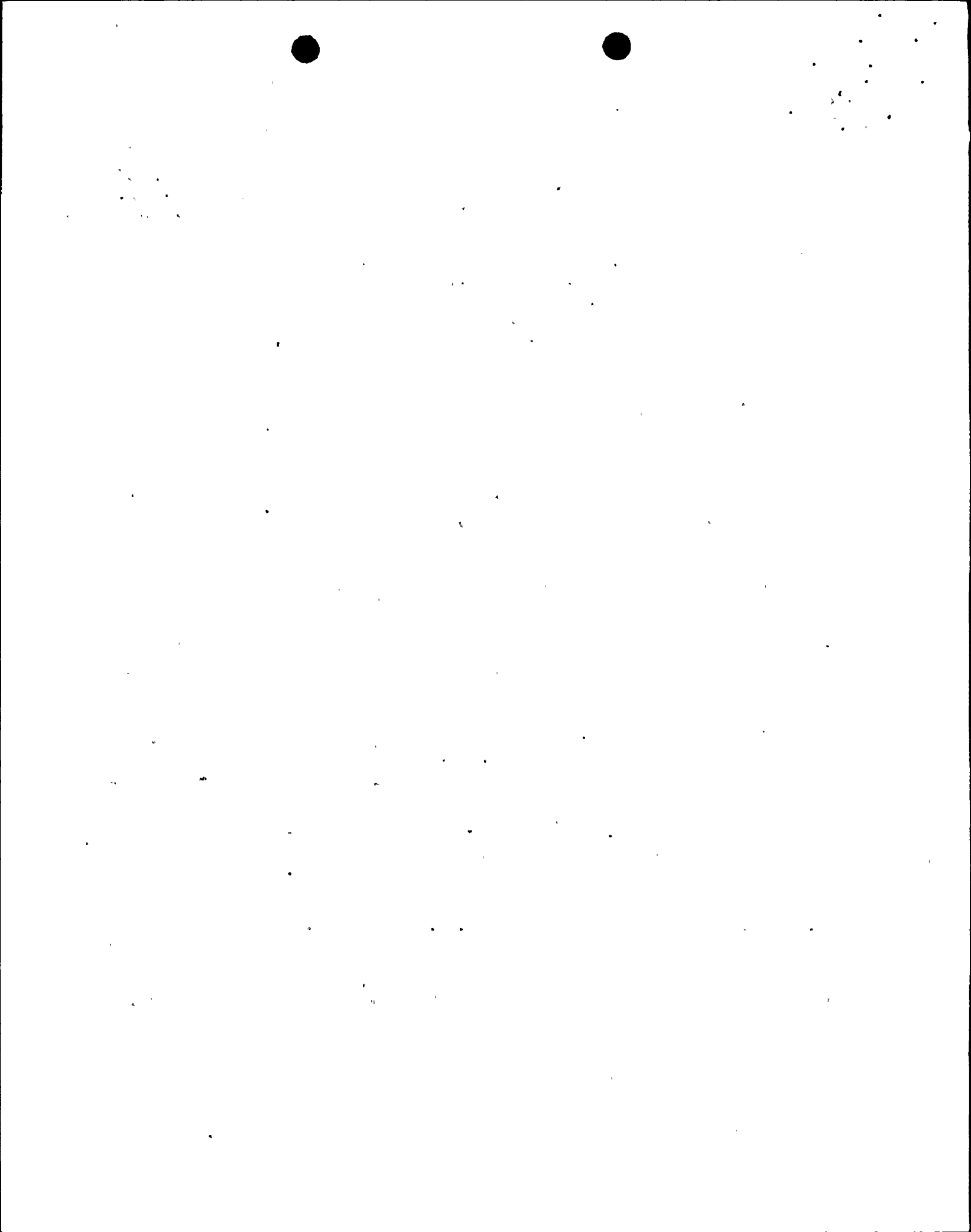
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696	1,440	41,473
12. Number Of Hours Reactor Was Critical	696	1,440	30,092.1
13. Reactor Reserve Shutdown Hours	0	0	812.7
14. Hours Generator On-Line	696	1,440	29,387.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,281,300	4,613,467	90,666,944
17. Gross Electrical Energy Generated (MWH)	755,320	1,526,764	29,537,363
18. Net Electrical Energy Generated (MWH)	728,659	1,471,562	28,312,790
19. Unit Service Factor	100.0	100.0	70.9
20. Unit Availability Factor	100.0	100.0	70.9
21. Unit Capacity Factor (Using MDC Net)	101.5	99.0	66.2
22. Unit Capacity Factor (Using DER Net)	98.3	96.0	64.1
23. Unit Forced Outage Rate	0.0	0.0	10.4

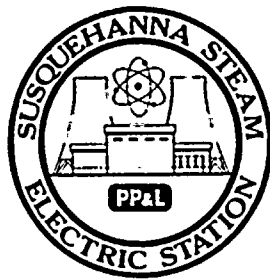
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit One is not scheduled to shutdown within the next six months.

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____





UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1988

DOCKET NO. 50-387  
 UNIT NAME SSES Unit One  
 DATE 03/02/88  
 COMPLETED BY J. A. Hirt  
 TELEPHONE (717)542-3917

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 Unit One in the month of February, 1988.

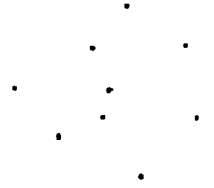
<sup>1</sup>  
 F: Forced  
 S: Scheduled

<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





SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date 03/02/88

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

Challenges to Main Steam Safety Relief Valves

None

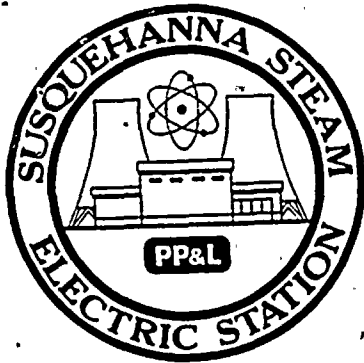
Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None





AVERAGE DAILY UNIT POWER LEVEL

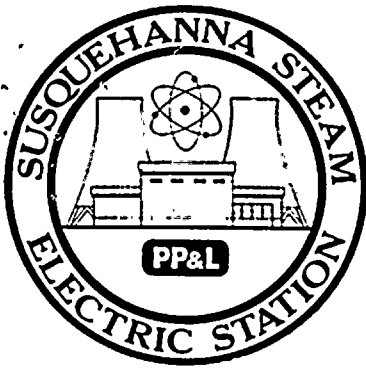
DOCKET NO. 50-388  
UNIT Two  
DATE 03/02/88  
COMPLETED BY J.A. Hirt  
TELEPHONE (717)542-3917

MONTH February, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1044</u>	17	<u>1047</u>
2	<u>1047</u>	18	<u>1044</u>
3	<u>1049</u>	19	<u>1037</u>
4	<u>1049</u>	20	<u>1032</u>
5	<u>1050</u>	21	<u>1027</u>
6	<u>1025</u>	22	<u>1021</u>
7	<u>891</u>	23	<u>1016</u>
8	<u>1029</u>	24	<u>1013</u>
9	<u>1046</u>	25	<u>1006</u>
10	<u>1049</u>	26	<u>1002</u>
11	<u>1049</u>	27	<u>995</u>
12	<u>1050</u>	28	<u>608</u>
13	<u>1050</u>	29	<u>604</u>
14	<u>1049</u>	30	<u>        </u>
15	<u>1048</u>	31	<u>        </u>
16	<u>1049</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 03/02/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717)542-3917

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: February, 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:

Notes

None

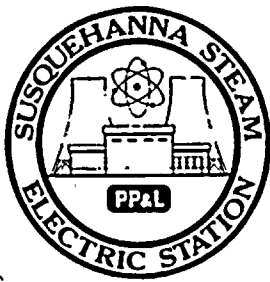
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696	1,440	26,712
12. Number Of Hours Reactor Was Critical	696	1,440	23,032
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	696	1,440	22,600.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,205,106	4,612,429	71,238,142
17. Gross Electrical Energy Generated (MWH)	721,492	1,515,022	23,321,784
18. Net Electrical Energy Generated (MWH)	696,578	1,462,718	22,460,393
19. Unit Service Factor	100.0	100.0	84.6
20. Unit Availability Factor	100.0	100.0	84.6
21. Unit Capacity Factor (Using MDC Net)	97.0	98.4	81.5
22. Unit Capacity Factor (Using DER Net)	94.0	95.4	79.0
23. Unit Forced Outage Rate	0.0	0.0	8.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit Two is scheduled to shutdown March 5, 1988 for a refueling outage. The duration of the outage is 77 days.

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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1988

DOCKET NO. 50-388  
 UNIT NAME SSES-Unit Two  
 DATE 03/02/88  
 COMPLETED BY J.A. Hirt  
 TELEPHONE (717)542-3917

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
2	880228	S	0	H	5	NA	ZZZZ	ZZZZZZ	On February 28, 1988, at 0100 hours Operations personnel reduced reactor power to approximately 60% rated power. This reduction was necessitated in order to maintain the end of cycle two core exposure within the limits assumed in the cycle three licensing analysis.

<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 50-388 Date 03/02/88

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

Challenges to Main Steam Safety Relief Valves

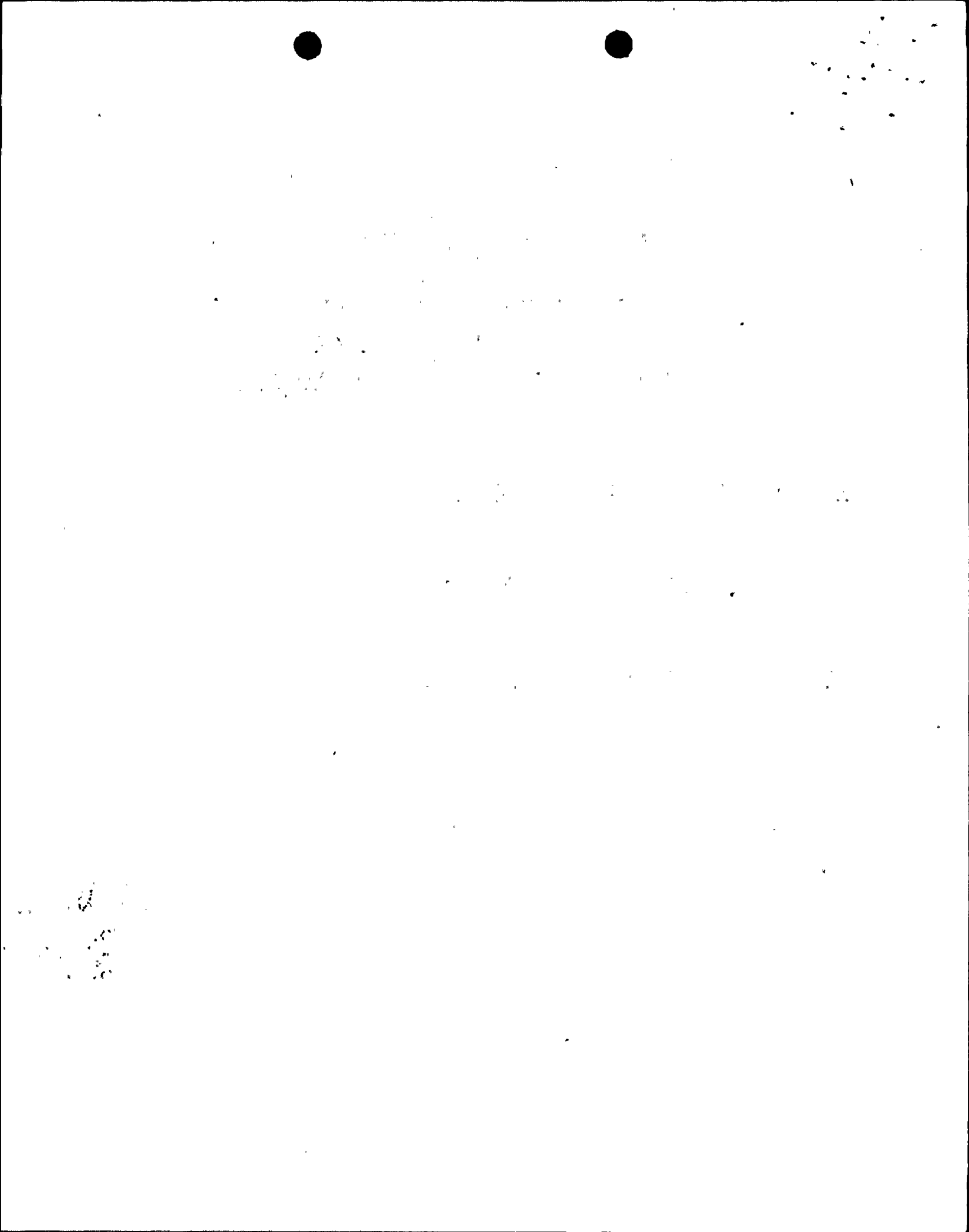
None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None





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  
Vice President-Nuclear Operations  
215/770-7502

MAR 11 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-2996 FILE R41-2A

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

Dear Mr. McDonald:

The February 1988 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser  
Vice President-Nuclear Operations

Attachment

cc: Document Control Desk (Original)  
NRC Region I  
Mr. F. I. Young - NRC Resident Inspector  
Mr. M. C. Thadani - NRC Project Manager

JE24  
||



