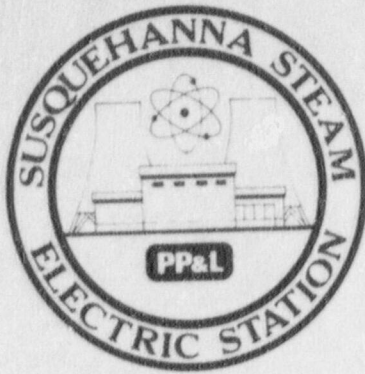




AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387UNIT OneDATE 11-03-87COMPLETED BY J.A. HirtTELEPHONE (717) 542-3917MONTH October, 1987DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<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.

8711170151 871031
PDR ADDOCK 05000387
R PDR

(9/77)

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111



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 11-03-87
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: October, 1987
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

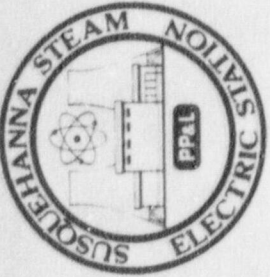
- * Item 18 adjusted for previously unreported station usage.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7,296	38,569
12. Number Of Hours Reactor Was Critical	0	5,739.1	27,926.6
13. Reactor Reserve Shutdown Hours	0	0	812.7
14. Hours Generator On-Line	0	5,698.6	27,312.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	18,089,788	84,372,926
17. Gross Electrical Energy Generated (MWH)	0	5,877,903	27,465,441
18. Net Electrical Energy Generated (MWH)	-4989	5,655,116*	26,330,145*
19. Unit Service Factor	0	78.1	70.8
20. Unit Availability Factor	0	78.1	70.8
21. Unit Capacity Factor (Using MDC Net)	0	75.1	66.2
22. Unit Capacity Factor (Using DER Net)	0	72.8	64.1
23. Unit Forced Outage Rate	0	6.5	10.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit One is currently shutdown for its Third Refueling and Inspection outage.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 27, 1987
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |



UNIT SHUTDOWNS AND POWER REDUCTIONS

50-387
DOCKET NO.
UNIT NAME SSPS-Unit One
DATE 11-03-87
COMPLETED BY J.A. Hirt
TELEPHONE (717) 542-3917

REPORT MONTH October, 1987

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	870912	S	745	C	4	N/A	ZZZZZZ	ZZZZZZ	Unit One was manually shutdown on September 12, 1987, at 0102 hours. The Outage is scheduled to last 76 days with an expected restart date of November 27, 1987.

- 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
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
- (9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387

Date 11-03-87

Completed by J. A. Hirt

Telephone (717) 542-3917

Challenges to Main Steam Safety Relief Valves

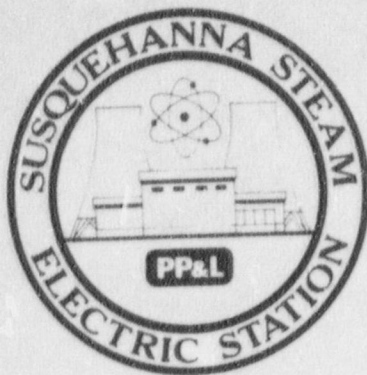
None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388UNIT TwoDATE 11-03-87COMPLETED BY J.A. HirtTELEPHONE (717) 542-3917MONTH October, 1987DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

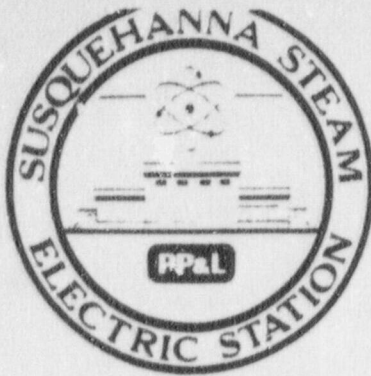
1	<u>1045</u>
2	<u>1042</u>
3	<u>1045</u>
4	<u>940</u>
5	<u>1037</u>
6	<u>1043</u>
7	<u>1048</u>
8	<u>1048</u>
9	<u>1031</u>
10	<u>1026</u>
11	<u>1048</u>
12	<u>1049</u>
13	<u>1050</u>
14	<u>1049</u>
15	<u>1048</u>
16	<u>1045</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1044</u>
18	<u>1006</u>
19	<u>955</u>
20	<u>1042</u>
21	<u>1046</u>
22	<u>1047</u>
23	<u>1045</u>
24	<u>1043</u>
25	<u>1047</u>
26	<u>1048</u>
27	<u>1046</u>
28	<u>1046</u>
29	<u>1048</u>
30	<u>1027</u>
31	<u>625</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 11-03-87
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: October, 1987
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

- * Item 18 adjusted for previously unreported station usage.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>23,808</u>
12. Number Of Hours Reactor Was Critical	<u>745</u>	<u>7,020</u>	<u>20,128</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>745</u>	<u>6,967.6</u>	<u>19,696.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,399,079</u>	<u>22,481,505</u>	<u>61,874,390</u>
17. Gross Electrical Energy Generated (MWH)	<u>788,242</u>	<u>7,343,356</u>	<u>20,247,650</u>
18. Net Electrical Energy Generated (MWH)	<u>762,074</u>	<u>7,089,451*</u>	<u>19,491,980*</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.5</u>	<u>82.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>95.5</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.1</u>	<u>94.2</u>	<u>79.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.1</u>	<u>91.2</u>	<u>76.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>4.5</u>	<u>9.8</u>

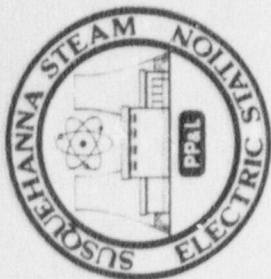
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

A refueling outage is scheduled to begin March 5, 1988 and end May 13, 1988.
The duration is 69 days.

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-388
UNIT NAME SSES - Unit Two
DATE 11-03-87
COMPLETED BY J. A. Hirt
TELEPHONE (717) 542-3917

REPORT MONTH October, 1987

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
8	871031	S	0	B	5	N/A	ZZZZZZ	ZZZZZZ	On October 30, 1987, at approximately 2100 hours, Operations personnel reduced Unit Two's reactor power in order to perform a control rod sequence exchange and to replace the brushes to the Recirculation MG Sets.

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
5-Reduction
9-Other

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

5 Exhibit 1 - Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388

Date 11-03-87

Completed by J. A. Hirt

Telephone (717) 542-3917

Challenges to Main Steam Safety Relief Valves

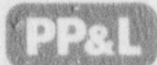
None

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

Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

NOV 11 1987

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-2938 FILE R41-2A

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

Dear Mr. McDonald:

The October 1987 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. J. Stair - NRC Resident
Mr. M. C. Thadani - NRC Project Manager

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