



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/774-5151

Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

JAN 14 1992

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3712 **FILE R41-2A**

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

The December 1991 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

Attachment

cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. J. J. Raleigh, NRC Project Manager

9201220232 911231
PDR ADCK 05000387
R PDR

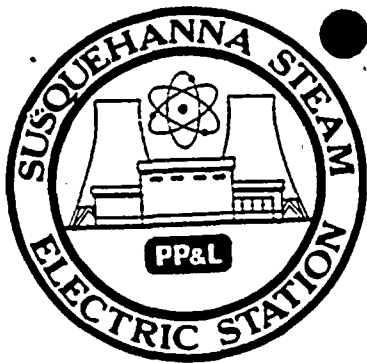
IE24
1/1



Small, faint, illegible marks or characters in the top right corner.

Small, faint, illegible marks or characters in the upper right quadrant.

10 11



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387

UNIT One

DATE 1-3-92

COMPLETED BY L.L. Fuller

TELEPHONE (717) 542-3858

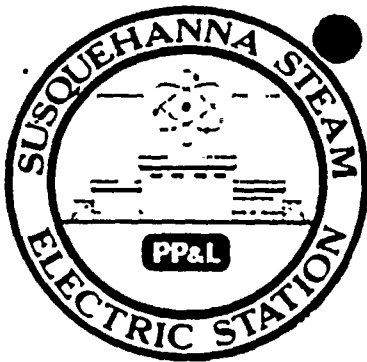
MONTH December 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1044</u>
2	<u>1050</u>
3	<u>1050</u>
4	<u>1052</u>
5	<u>1052</u>
6	<u>1052</u>
7	<u>1048</u>
8	<u>1041</u>
9	<u>1046</u>
10	<u>1051</u>
11	<u>1051</u>
12	<u>1051</u>
13	<u>1047</u>
14	<u>1046</u>
15	<u>1050</u>
16	<u>1053</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1052</u>
18	<u>1052</u>
19	<u>1054</u>
20	<u>1038</u>
21	<u>1014</u>
22	<u>1052</u>
23	<u>1052</u>
24	<u>1053</u>
25	<u>1051</u>
26	<u>1051</u>
27	<u>1051</u>
28	<u>1052</u>
29	<u>1049</u>
30	<u>1052</u>
31	<u>1051</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. 50-387
 DATE 1-3-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: December 1991
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): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

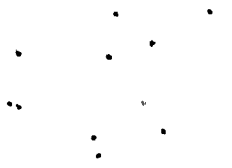
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8760</u>	<u>75,097</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>8,622.5</u>	<u>58,925.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>744</u>	<u>8,596.6</u>	<u>57,728.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>.0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,442,832</u>	<u>27,806,837</u>	<u>181,512,961</u>
17. Gross Electrical Energy Generated (MWH)	<u>807,606</u>	<u>9,139,692</u>	<u>59,293,312</u>
18. Net Electrical Energy Generated (MWH)	<u>780,198</u>	<u>8,821,599</u>	<u>56,972,274</u>
19. Unit Service Factor	<u>100</u>	<u>98.1</u>	<u>76.9</u>
20. Unit Availability Factor	<u>100</u>	<u>98.1</u>	<u>76.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.8</u>	<u>96.8</u>	<u>73.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.9</u>	<u>95.9</u>	<u>72.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0.2</u>	<u>7.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refuel Outage, March 7, 1992 for 70 days

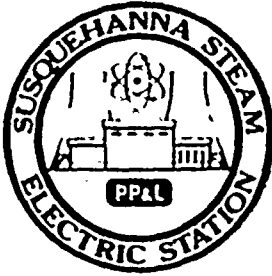
25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

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



4.





UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1991

DOCKET NO. 50-387
 UNIT NAME One
 DATE 1-3-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

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
									No report required for December 1991

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-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 50-387

Date: January 3, 1992

Completed by L. L. Fuller Telephone: (717) 542-3858

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None



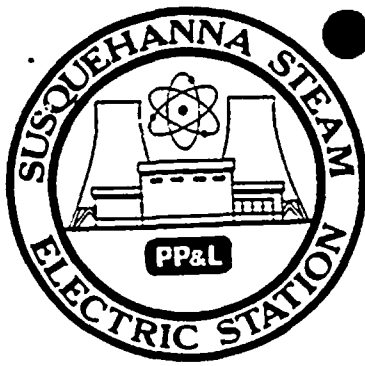
Small, illegible handwritten marks or characters in the top right corner.

Faint, illegible text line across the upper middle section of the page.

Faint, illegible text line in the middle section of the page.

Faint, illegible text line in the lower middle section of the page.

Faint, illegible text line near the bottom of the page.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388

UNIT Two

DATE 1-3-92

COMPLETED BY L.L. Fuller

TELEPHONE (717)542-3858

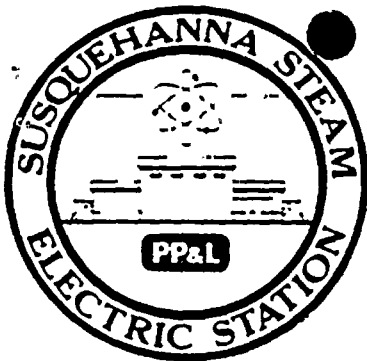
MONTH December 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1055</u>	17	<u>1058</u>
2	<u>1061</u>	18	<u>1057</u>
3	<u>1059</u>	19	<u>1059</u>
4	<u>1062</u>	20	<u>1060</u>
5	<u>1061</u>	21	<u>1059</u>
6	<u>1033</u>	22	<u>1058</u>
7	<u>706</u>	23	<u>1059</u>
8	<u>892</u>	24	<u>1059</u>
9	<u>1056</u>	25	<u>1060</u>
10	<u>1060</u>	26	<u>1061</u>
11	<u>1058</u>	27	<u>1060</u>
12	<u>1056</u>	28	<u>1060</u>
13	<u>1056</u>	29	<u>1058</u>
14	<u>1055</u>	30	<u>1060</u>
15	<u>1059</u>	31	<u>1059</u>
16	<u>1059</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 1-3-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: December 1991
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): 1082
7. Maximum Dependable Capacity (Net MWe): 1044
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:
None

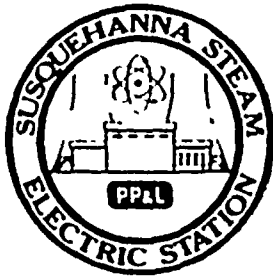
Notes

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>8760</u>	<u>60,336</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>7119.1</u>	<u>49,981.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>744</u>	<u>6956.9</u>	<u>48,996.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>.0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,413,798</u>	<u>22,269,471</u>	<u>155,362,935</u>
17. Gross Electrical Energy Generated (MWH)	<u>803,110</u>	<u>7,311,905</u>	<u>50,907,024</u>
18. Net Electrical Energy Generated (MWH)	<u>774,592</u>	<u>7,035,813</u>	<u>48,987,191</u>
19. Unit Service Factor	<u>100</u>	<u>79.4</u>	<u>81.2</u>
20. Unit Availability Factor	<u>100</u>	<u>79.4</u>	<u>81.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.7</u>	<u>76.9</u>	<u>77.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.2</u>	<u>76.5</u>	<u>77.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.2</u>	<u>5.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 December 1991

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 1-3-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717) 542-3858

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
11	911206	S	0.0	B	5	NA	XX	ZZZ	Unit Two commenced a power reduction at 2100 hours on December 6 for scheduled maintenance. Power level was lowered to 56% for a control rod sequence exchange, 500 kv line work, condenser water box cleaning, and Reactor Feed Pump Lube Oil work. The unit returned to 100% power at 2400 hours December 8.

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: January 3, 1992

Completed by L. L. Fuller Telephone: (717) 542-3858

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None

11-11-68

11-11-68

11-11-68