



Pennsylvania Power & Light Company

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215/774-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

NOV 14 1991

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3682 **FILE R41-2A**

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

The October 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

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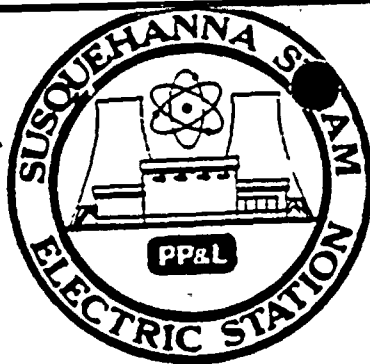
01.11.14

1. The first part of the document is a list of names and addresses, which are mostly illegible due to the quality of the scan.

2. The second part of the document contains a list of names and addresses, which are also mostly illegible.

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AVERAGE DAILY UNIT POWER LEVEL

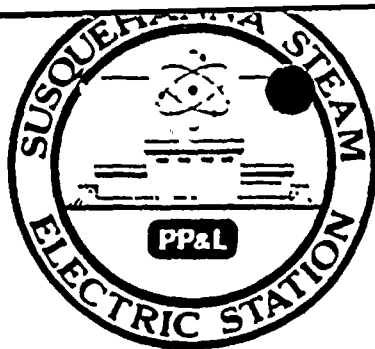
DOCKET NO. 50-387
UNIT One
DATE 11-4-91
COMPLETED BY L.L. Fuller
TELEPHONE (717) 542-3858

MONTH October 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1042</u>	17	<u>1049</u>
2	<u>1037</u>	18	<u>1045</u>
3	<u>1035</u>	19	<u>1048</u>
4	<u>1036</u>	20	<u>1050</u>
5	<u>1033</u>	21	<u>1050</u>
6	<u>1044</u>	22	<u>1047</u>
7	<u>1050</u>	23	<u>1041</u>
8	<u>1048</u>	24	<u>1040</u>
9	<u>1047</u>	25	<u>1039</u>
10	<u>1044</u>	26	<u>1038</u>
11	<u>1048</u>	27	<u>1038</u>
12	<u>1051</u>	28	<u>1046</u>
13	<u>1050</u>	29	<u>1050</u>
14	<u>1052</u>	30	<u>1049</u>
15	<u>1045</u>	31	<u>1046</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. 50-387
 DATE 11-4-91
 COMPLETED BY L.L. Fuller
 TELEPHONE 717-542-3858

OPERATING STATUS

Unit One

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

Notes

None

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

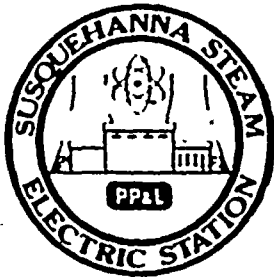
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>73,633</u>
12. Number Of Hours Reactor Was Critical	<u>745</u>	<u>7,158.5</u>	<u>57,461.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>745</u>	<u>7,132.6</u>	<u>56,264.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,447,633</u>	<u>23,030,932</u>	<u>176,737,056</u>
17. Gross Electrical Energy Generated (MWH)	<u>805,894</u>	<u>7,562,608</u>	<u>57,716,228</u>
18. Net Electrical Energy Generated (MWH)	<u>778,262</u>	<u>7,298,524</u>	<u>55,449,199</u>
19. Unit Service Factor	<u>100</u>	<u>97.8</u>	<u>76.4</u>
20. Unit Availability Factor	<u>100</u>	<u>97.8</u>	<u>76.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.5</u>	<u>96.2</u>	<u>72.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.5</u>	<u>95.3</u>	<u>71.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0.2</u>	<u>7.8</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	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-387
 UNIT NAME One
 DATE 11-4-91
 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 October 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: November 4, 1991

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

Challenges to Main Steam Safety Relief Valves

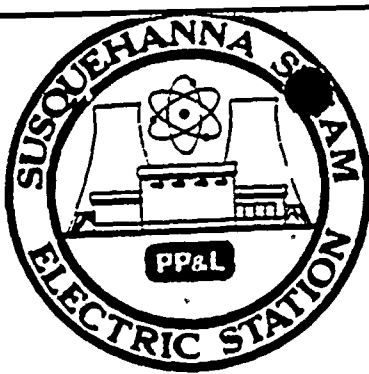
None

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None



AVERAGE DAILY UNIT POWER LEVEL

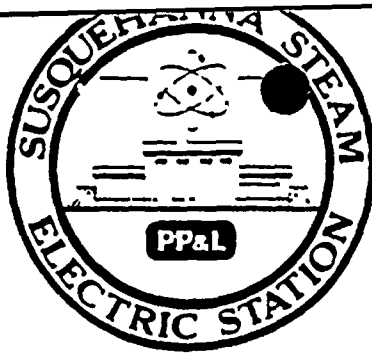
DOCKET NO. 50-388
UNIT Two
DATE 11-4-91
COMPLETED BY L.L. Fuller
TELEPHONE (717) 542-3858

MONTH October 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1052</u>	17	<u>1062</u>
2	<u>1047</u>	18	<u>1050</u>
3	<u>1046</u>	19	<u>656</u>
4	<u>1047</u>	20	<u>997</u>
5	<u>1043</u>	21	<u>1060</u>
6	<u>1056</u>	22	<u>1059</u>
7	<u>1061</u>	23	<u>1055</u>
8	<u>1060</u>	24	<u>1052</u>
9	<u>1056</u>	25	<u>1050</u>
10	<u>1055</u>	26	<u>1050</u>
11	<u>1057</u>	27	<u>1049</u>
12	<u>1061</u>	28	<u>1058</u>
13	<u>1060</u>	29	<u>1061</u>
14	<u>1061</u>	30	<u>1060</u>
15	<u>1054</u>	31	<u>1058</u>
16	<u>1061</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 11-4-91
 COMPLETED BY L.L. Fuller
 TELEPHONE (717) 542-3858

OPERATING STATUS

Unit Two

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

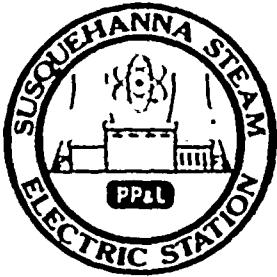
Notes

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	745	7296	58,872
12. Number Of Hours Reactor Was Critical	745	5,655.1	48,517.8
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	745	5,492.9	47,532.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,425,603	17,539,240	150,632,704
17. Gross Electrical Energy Generated (MWH)	802,246	5,740,111	49,335,230
18. Net Electrical Energy Generated (MWH)	775,086	5,519,011	47,470,389
19. Unit Service Factor	100	75.3	80.7
20. Unit Availability Factor	100	75.3	80.7
21. Unit Capacity Factor (Using MDC Net)	99.7	72.5	77.2
22. Unit Capacity Factor (Using DER Net)	99.1	72.0	76.8
23. Unit Forced Outage Rate	0	4.0	6.0
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 October 1991

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 11-4-91
 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
8	911018	S	0.0	B	5	NA	XX	ZZZ	Unit Two commenced a power reduction at 2200 hours October 18 for scheduled maintenance. Power level was lowered to 60% for a control rod sequence exchange and C main condenser waterbox inspection. The unit returned to 100% power at 1700 hours October 20.

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.
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SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388

Date: November 4, 1991

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

11-11-57

MEMORANDUM FOR THE RECORD
SUBJECT: [Illegible]

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