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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
 AUTH. NAME AUTHOR AFFILIATION
 FULLER, L.L. Pennsylvania Power & Light Co.
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1992 for Susquehanna Steam Electric Station, units 1 & 2 W/921116 ltr.

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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

NOV 16 1992

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3871 FILE R41-2A

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

The October 1992 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

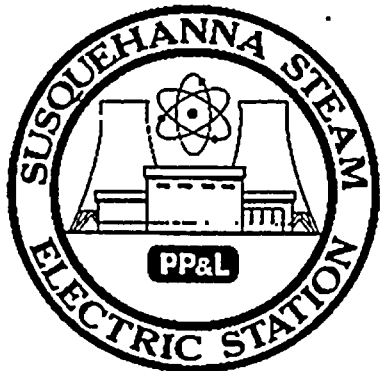
Attachment

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

200022

9211200297 921031
PDR ADDCK 05000387
R PDR

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-387

UNIT: One

DATE: 11-2-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717)542-3858

MONTH October 1992

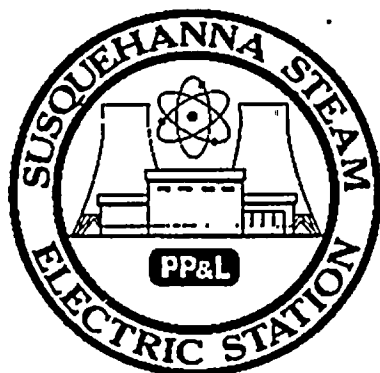
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1053</u>
2	<u>1047</u>
3	<u>1041</u>
4	<u>1045</u>
5	<u>1050</u>
6	<u>1051</u>
7	<u>1049</u>
8	<u>1045</u>
9	<u>998</u>
10	<u>776</u>
11	<u>1042</u>
12	<u>1048</u>
13	<u>1049</u>
14	<u>1050</u>
15	<u>1042</u>
16	<u>1038</u>

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	<u>1051</u>
18	<u>1050</u>
19	<u>1053</u>
20	<u>1055</u>
21	<u>1052</u>
22	<u>1052</u>
23	<u>1050</u>
24	<u>1048</u>
25	<u>1050</u>
26	<u>1051</u>
27	<u>1050</u>
28	<u>1051</u>
29	<u>1047</u>
30	<u>1049</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: 11-2-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

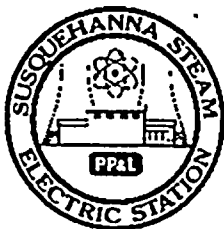
1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: October 1992
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: None

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>7320</u>	<u>82,417</u>
12. Number of Hrs Reactor Was Critical	<u>745</u>	<u>5330.0</u>	<u>64,255.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>745</u>	<u>5163.1</u>	<u>62,891.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,425,912</u>	<u>15,772,790</u>	<u>197,285,751</u>
17. Gross Electrical Energy Generated (MWH)	<u>779,638</u>	<u>5,164,820</u>	<u>64,438,132</u>
18. Net Electric Energy Generated (MWH)	<u>773,492</u>	<u>4,955,996</u>	<u>61,928,270</u>
19. Unit Service Factor	<u>100.0</u>	<u>70.5</u>	<u>76.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>70.5</u>	<u>76.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.8</u>	<u>65.1</u>	<u>72.3</u>
22. Unit Capacity Factor. (Using DER Net)	<u>98.9</u>	<u>64.5</u>	<u>71.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>8.0</u>	<u>7.7</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 October 1992

DOCKET NO. 50-387
 UNIT NAME One
 DATE 11-2-92
 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
8	921009.	S	0.0	B	5	N/A	XX	ZZZ	Unit One commenced a downpower at 2100 hours October 9 for scheduled maintenance. Power level was lowered to 43% for a control rod sequence exchange, main condenser waterbox cleaning, and MG-set brush changeout. The unit returned to 100% power at 0200 hours October 11.

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 50-387 Date: 11-2-92

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

Challenges to Main Steam Safety Relief Valves

None.

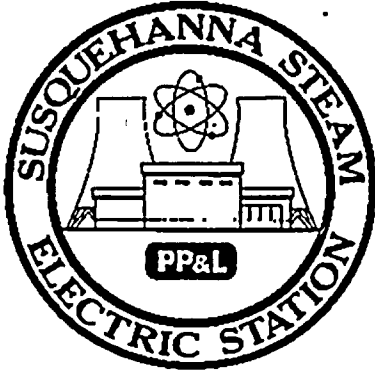
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 11-2-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717)542-3858

MONTH October 1992

DAY	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.

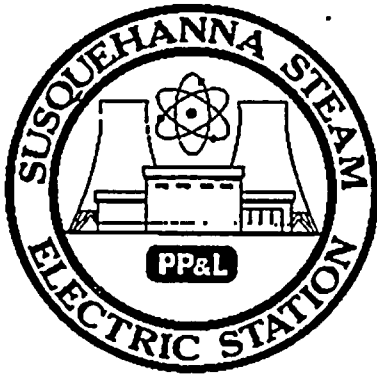


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OPERATING DATA REPORT



DOCKET NO. 50-388
 DATE: 11-2-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

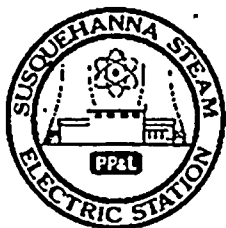
1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: October 1992
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1082
7. Maximum Dependable Capacity (Net MWe): 1044
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: None

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>7,320</u>	<u>67,656</u>
12. Number of Hrs Reactor Was Critical	<u>0</u>	<u>6022.3</u>	<u>56,004.1</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>5,976.2</u>	<u>54,972.9</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>19,142,967</u>	<u>174,505,902</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>6,306,026</u>	<u>57,213,050</u>
18. Net Electric Energy Generated (MWH)	<u>-6040</u>	<u>6,074,460</u>	<u>55,061,651</u>
19. Unit Service Factor	<u>0.0</u>	<u>81.6</u>	<u>81.3</u>
20. Unit Availability Factor	<u>0.0</u>	<u>81.6</u>	<u>81.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>79.5</u>	<u>78.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>79.0</u>	<u>77.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.4</u>	<u>5.5</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: November 13, 1992
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

REPORT MONTH October 1992

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 11-2-92
 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
7	920912	S	745.0	C	4	NA	XX	ZZZ	Unit Two was manually shutdown for its planned Fifth Refuel and Inspection Outage and the generator taken offline at 0053 hours September 12. The planned outage length is ten weeks. The unit returned to service on November 13, 1992.

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: 11-2-92

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.