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 FACT#: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Aug 1992 for Susquehanna Steam Electric Station Units 1 & 2. W/920911 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

SEP 11 1992

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

**SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3848 FILE R41-2A**

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

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

Very truly yours,

H. W. Keiser

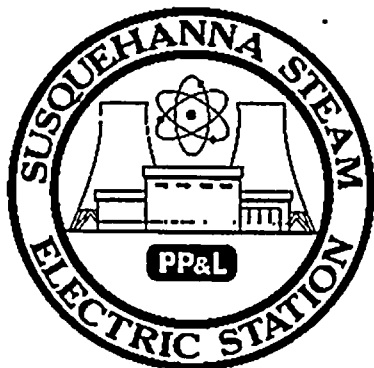
Attachment

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

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IFDA
11

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-387

UNIT: One

DATE: 9-2-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717)542-3858

MONTH August 1992

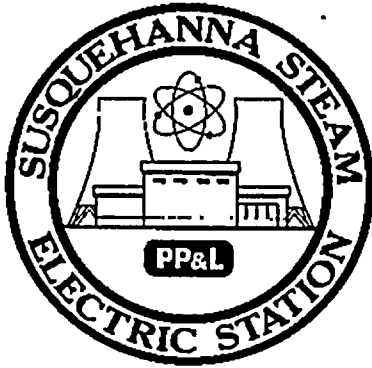
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1041
2	1039
3	1036
4	1038
5	1043
6	1042
7	1036
8	966
9	1033
10	1035
11	1033
12	1040
13	1041
14	1040
15	1041
16	1041

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	1039
18	1036
19	1041
20	756
21	947
22	1029
23	1034
24	1030
25	1016
26	1017
27	1019
28	1017
29	1041
30	1038
31	1036

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: 9-2-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: August 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: N/A

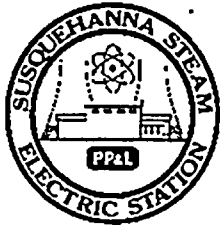
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5855</u>	<u>80,952</u>
12. Number of Hrs Reactor Was Critical	<u>744</u>	<u>3865.0</u>	<u>62,790.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>744</u>	<u>3698.1</u>	<u>61,426.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,408,274</u>	<u>10,988,669</u>	<u>192,501,630</u>
17. Gross Electrical Energy Generated (MWH)	<u>786,368</u>	<u>3,595,452</u>	<u>62,888,764</u>
18. Net Electric Energy Generated (MWH)	<u>759,362</u>	<u>3,437,447</u>	<u>60,409,721</u>
19. Unit Service Factor	<u>100.0</u>	<u>63.2</u>	<u>75.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>63.2</u>	<u>75.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.1</u>	<u>56.5</u>	<u>71.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.2</u>	<u>55.9</u>	<u>71.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>10.9</u>	<u>7.8</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



DOCKET NO. 50-387
 UNIT NAME One
 REPORT MONTH August 1992 DATE 9-2-92
 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	82092	F	0.0	A	5	NA	XX	ZZZ	At 0308 hours August 20, Unit One's B Reactor Recirc Pump tripped causing a power reduction to 45%. The pump trip was caused by a trip of the AC lube oil pump that caused low lube oil pressure to the recirc MG set. The unit returned to 100% power at 0500 hours August 21.

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: 9-2-92

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

Challenges to Main Steam Safety Relief Valves

None.

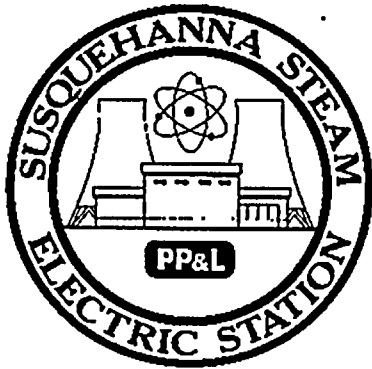
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 9-2-92

COMPLETED BY: L.L. Fuller

TELEPHONE: (717)542-3858

MONTH August 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1046</u>	17	<u>1009</u>
2	<u>1045</u>	18	<u>1003</u>
3	<u>1042</u>	19	<u>1005</u>
4	<u>1043</u>	20	<u>1005</u>
5	<u>1047</u>	21	<u>1003</u>
6	<u>1043</u>	22	<u>997</u>
7	<u>1037</u>	23	<u>991</u>
8	<u>1032</u>	24	<u>986</u>
9	<u>1024</u>	25	<u>978</u>
10	<u>1023</u>	26	<u>971</u>
11	<u>1019</u>	27	<u>967</u>
12	<u>1025</u>	28	<u>962</u>
13	<u>1022</u>	29	<u>976</u>
14	<u>1018</u>	30	<u>912</u>
15	<u>1018</u>	31	<u>974</u>
16	<u>1015</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.

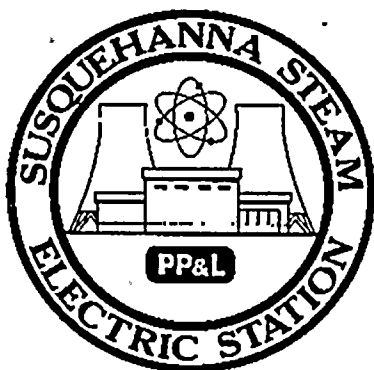


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OPERATING DATA REPORT



DOCKET NO. 50-388
 DATE: 9-2-92
 COMPLETED BY: L.L. Fuller
 TELEPHONE: (717)542-3858

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit Two)
2. Reporting Period: August 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: N/A

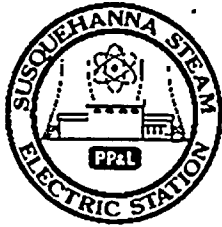
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,855</u>	<u>66,191</u>
12. Number of Hrs Reactor Was Critical	<u>744</u>	<u>5,745.0</u>	<u>55,726.8</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>5,711.3</u>	<u>54,708.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,376,096</u>	<u>18,489,820</u>	<u>173,852,755</u>
17. Gross Electrical Energy Generated (MWH)	<u>777,200</u>	<u>6,096,876</u>	<u>57,003,900</u>
18. Net Electric Energy Generated (MWH)	<u>749,673</u>	<u>5,884,347</u>	<u>54,871,538</u>
19. Unit Service Factor	<u>100.0</u>	<u>97.6</u>	<u>82.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>97.6</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.5</u>	<u>96.3</u>	<u>79.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.0</u>	<u>95.7</u>	<u>79.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.5</u>	<u>5.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each) Refuel Outage, September 12, 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



DOCKET NO. 50-388
 UNIT NAME Two
 REPORT MONTH August 1992 DATE 9-2-92
 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
									No report required for August 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: 9-2-92

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.