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

SUBJECT: Monthly operating ~~repts~~ for May 1992 for Susquehanna Steam Electric Station. W/920612 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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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

JUN 12 1992

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3795 **FILE R41-2A**

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

The May 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. G. F. Maxwell, Acting NRC Project Manager

180003

9206230123 920531
PDR ADOCK 05000387
R PDR

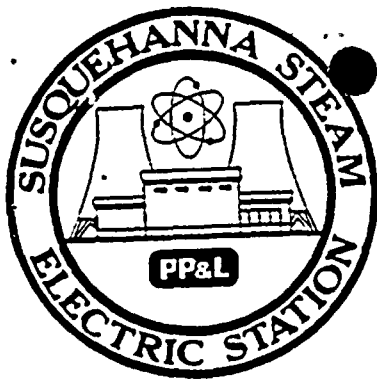
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AVERAGE DAILY UNIT POWER LEVEL

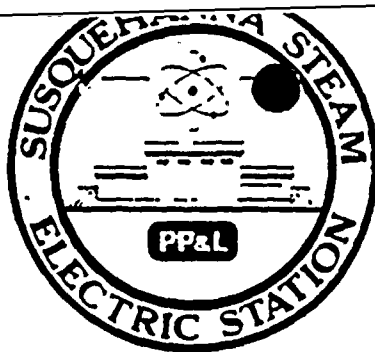
DOCKET NO. 50-387
UNIT One
DATE 6-2-92
COMPLETED BY L. L. Fuller
TELEPHONE (717)542-3858

MONTH May 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>59</u>
2	<u>0</u>	18	<u>312</u>
3	<u>0</u>	19	<u>567</u>
4	<u>0</u>	20	<u>692</u>
5	<u>0</u>	21	<u>727</u>
6	<u>0</u>	22	<u>735</u>
7	<u>0</u>	23	<u>711</u>
8	<u>0</u>	24	<u>726</u>
9	<u>0</u>	25	<u>731</u>
10	<u>0</u>	26	<u>729</u>
11	<u>0</u>	27	<u>772</u>
12	<u>0</u>	28	<u>767</u>
13	<u>0</u>	29	<u>777</u>
14	<u>0</u>	30	<u>773</u>
15	<u>0</u>	31	<u>648</u>
16	<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.



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 6-2-92
 COMPLETED BY J. L. Fuller
 TELEPHONE (717) 542-3858

OPERATING STATUS

Unit One

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

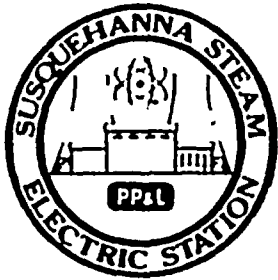
Notes

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>744</u>	<u>3647</u>	<u>78,744</u>
12. Number Of Hours Reactor Was Critical	<u>390.7</u>	<u>1992.9</u>	<u>60,918.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>349.6</u>	<u>1933.2</u>	<u>59,662.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>765,412</u>	<u>5,488,536</u>	<u>187,001,497</u>
17. Gross Electrical Energy Generated (MWH)	<u>243,446</u>	<u>1,802,328</u>	<u>61,095,640</u>
18. Net Electrical Energy Generated (MWH)	<u>226,922</u>	<u>1,715,326</u>	<u>58,687,600</u>
19. Unit Service Factor	<u>47.0</u>	<u>53.0</u>	<u>75.8</u>
20. Unit Availability Factor	<u>47.0</u>	<u>53.0</u>	<u>75.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>29.3</u>	<u>45.2</u>	<u>71.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>29.1</u>	<u>44.8</u>	<u>71.0</u>
23. Unit Forced Outage Rate	<u>2.24</u>	<u>0.41</u>	<u>7.41</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 May 1992

DOCKET NO. 50-387
 UNIT NAME One
 DATE 6-2-92
 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
3	920306	S	386.4	C	4	NA	XX	ZZZ	Unit One was manually shutdown for its planned sixth refuel and inspection outage commencing at 1700 hours March 6. The sixth fuel cycle ended at 0225 hours May 17 when the Unit One main generator was synchronized to the PJM grid. Outage length was 71 days 3 hours.

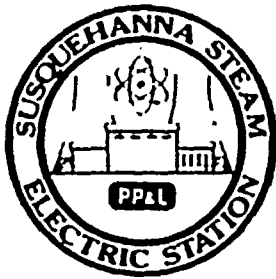
¹
 F: Forced
 S: Scheduled

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1992

DOCKET NO. 50-387
 UNIT NAME One
 DATE 6-2-92
 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
4	920517	F	8.0	B	9	NA	TA	TRB	Unit One took the generator offline at 0327 hours May 17 due to high vibration on the #5 bearing of the main turbine. The generator was re-synchronized at 1128 hours May 17.
5	920531	F	0.0	B	5	NA	AD	HX	Unit One reduced power from 74% power to 39% power starting at 1000 hours May 31 due to fouling of the water side of the reactor recirc MG-set lube oil Hx.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
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 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
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 Exhibit I - Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387

Date: June 2, 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.

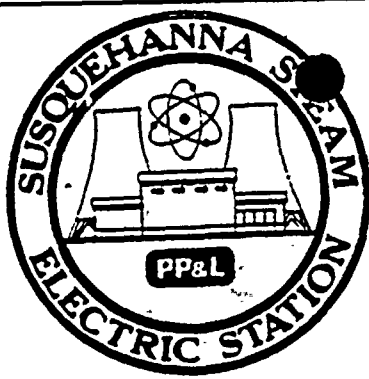
Major Changes to Radioactive Waste Treatment Systems

None.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5301 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388
 UNIT Two
 DATE 6-2-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

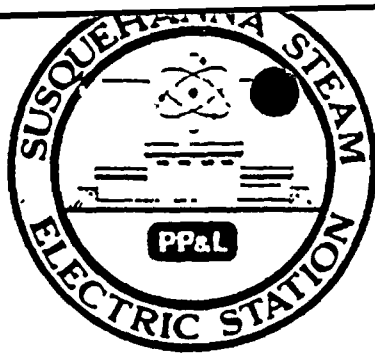
MONTH May 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	638
2	710
3	981
4	1058
5	1061
6	1057
7	1056
8	1051
9	1047
10	1044
11	1044
12	1049
13	1047
14	1046
15	1047
16	1053

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1052
18	1050
19	1053
20	1054
21	1051
22	1048
23	1047
24	1054
25	1058
26	1057
27	1057
28	1054
29	1053
30	1054
31	1047

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 6-2-92
 COMPLETED BY L.L. Fuller
 TELEPHONE (717)542-3858

OPERATING STATUS

Unit Two

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

Notes

None

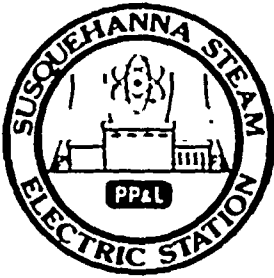
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3647</u>	<u>63,983</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3537</u>	<u>53,518.8</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>3503.3</u>	<u>52,500.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,394,534</u>	<u>11,337,096</u>	<u>166,700,031</u>
17. Gross Electrical Energy Generated (MWH)	<u>790,362</u>	<u>3,756,066</u>	<u>54,663,090</u>
18. Net Electrical Energy Generated (MWH)	<u>762,624</u>	<u>3,625,320</u>	<u>52,612,511</u>
19. Unit Service Factor	<u>100.0</u>	<u>96.1</u>	<u>82.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>96.1</u>	<u>82.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.2</u>	<u>95.2</u>	<u>78.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>94.7</u>	<u>78.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.9</u>	<u>5.7</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	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1992

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 6-2-92
 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
4	920430	S	0.0	B	4	NA	XX	ZZZ	Unit Two commenced a downpower at 0600 hours April 30 for scheduled maintenance. Power level was lowered to 60% power for 500KV line work, control rod sequence exchange, and condenser water box cleaning. The unit returned to 100% power at 1900 hours May 3.

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)

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 Exhibit I - Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388

Date: June 2, 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.