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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva      05000387  
 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 Apr 1992 for Susquehanna Steam Electric Station. #7920513 Ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1 ENCL 1      SIZE: 9  
 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

MAY 13 1992

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

**SUSQUEHANNA STEAM ELECTRIC STATION**  
**MONTHLY OPERATING REPORTS**  
**PLA-3773 FILE R41-2A**

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

The April 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

10001M  
9205190010 920430  
PDR ADDCK 05000387  
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TEBA  
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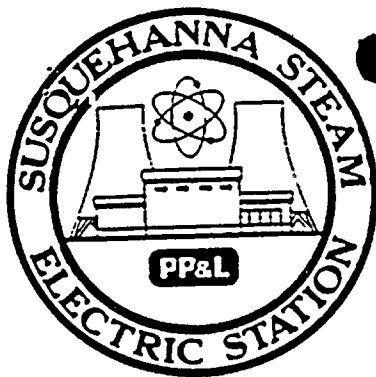


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AVERAGE DAILY UNIT POWER LEVEL

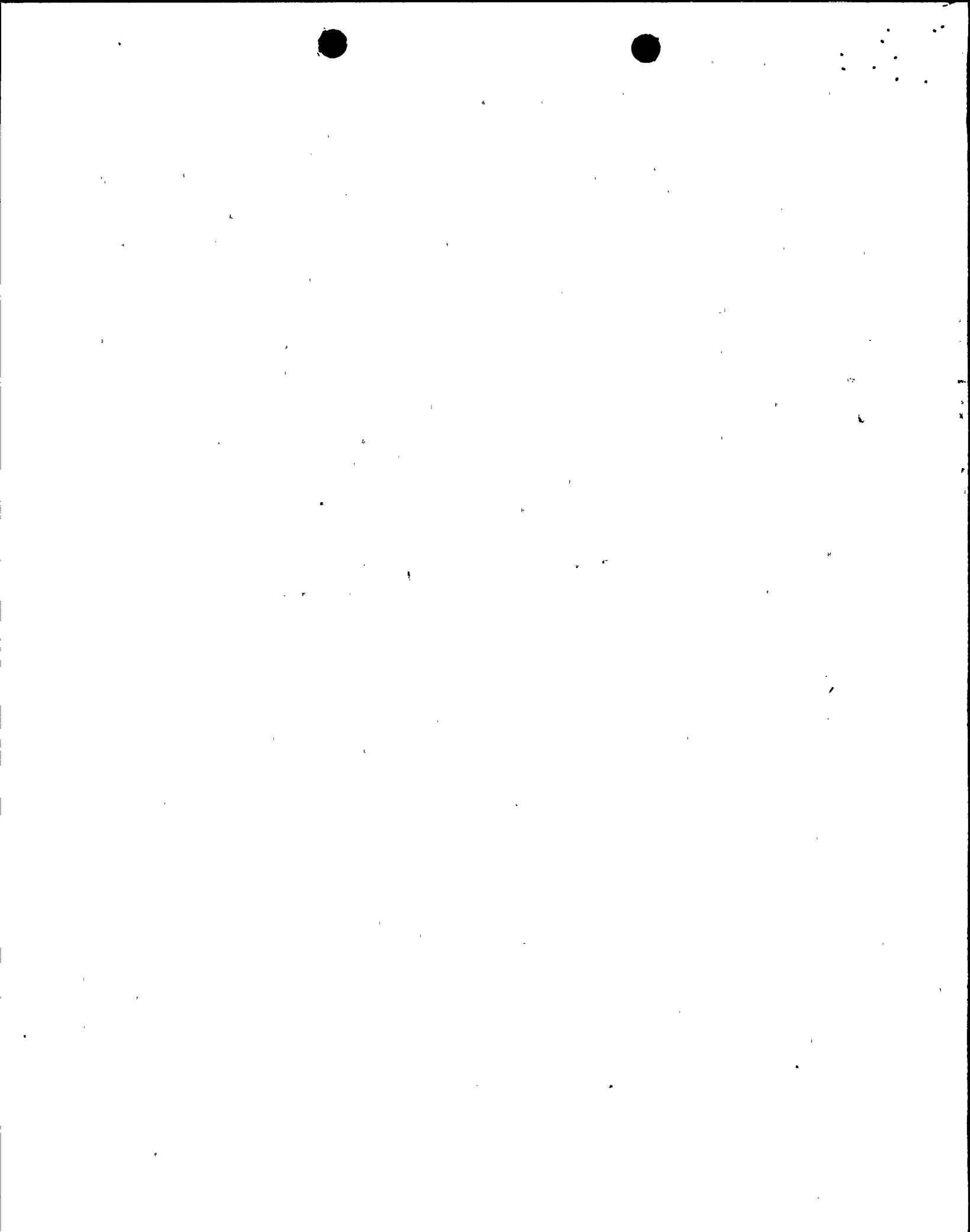
DOCKET NO. 50-387  
UNIT One  
DATE May 1, 1992  
COMPLETED BY L. L. Fuller  
TELEPHONE 717-542-3858

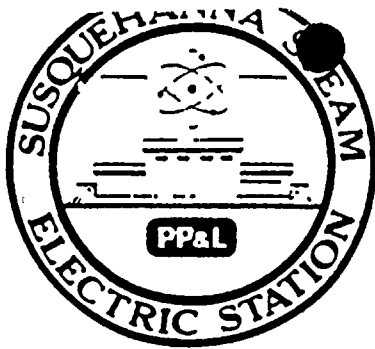
MONTH April 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</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 May 1, 1992  
 COMPLETED BY L.L. Fuller  
 TELEPHONE 717-542-3858

OPERATING STATUS

Unit One

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

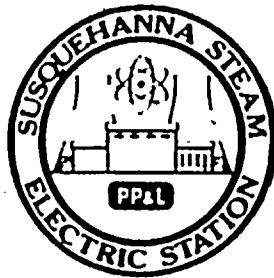
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2903</u>	<u>78,000</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1602.2</u>	<u>60,528.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>0</u>	<u>1583.7</u>	<u>59,312.4</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>4,723,124</u>	<u>186,236,085</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,558,882</u>	<u>60,852,194</u>
18. Net Electrical Energy Generated (MWH)	<u>-6778</u>	<u>1,488,404</u>	<u>58,460,678</u>
19. Unit Service Factor	<u>0</u>	<u>54.6</u>	<u>76.0</u>
20. Unit Availability Factor	<u>0</u>	<u>54.6</u>	<u>76.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>49.3</u>	<u>72.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>48.8</u>	<u>71.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>7.4</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit 1 commenced its Sixth Refueling and Inspection Outage on 3-6-92.  
Outage is scheduled for ten weeks duration.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 16, 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 April 1992

DOCKET NO. 50-387  
 UNIT NAME One  
 DATE May 1, 1992  
 COMPLETED BY L.L. Fuller  
 TELEPHONE 717-542-3858

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
3	920306	S	719.0	C	4	NA	XX	222	Unit One was manually shutdown for its planned sixth refuel and inspection outage commencing at 1700 hours March 6. Estimated return to service is May 16, 1992.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuation  
 from previous month  
 5-Reduction  
 9-Other

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date May 1, 1992

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

Challenges to Main Steam Safety Relief Valves

None.

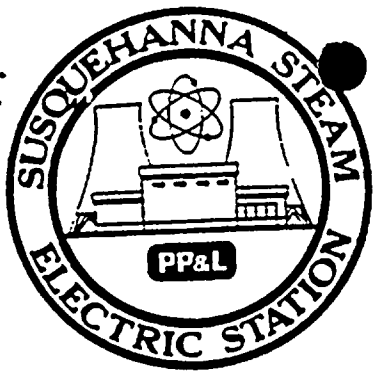
Changes to the Offsite Dose Calculation Manual

None.

Major Change to Radioactive Waste Treatment Systems

None.





AVERAGE DAILY UNIT POWER LEVEL

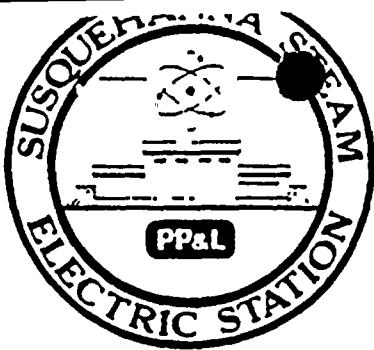
DOCKET NO. 50-388  
UNIT Two  
DATE May 1, 1992  
COMPLETED BY L.L. Fuller  
TELEPHONE 717-542-3858

MONTH April 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1063</u>	17	<u>1057</u>
2	<u>1065</u>	18	<u>1061</u>
3	<u>1065</u>	19	<u>1059</u>
4	<u>1065</u>	20	<u>1054</u>
5	<u>1063</u>	21	<u>1044</u>
6	<u>1063</u>	22	<u>1044</u>
7	<u>1061</u>	23	<u>1050</u>
8	<u>1060</u>	24	<u>1049</u>
9	<u>1060</u>	25	<u>1055</u>
10	<u>1057</u>	26	<u>1057</u>
11	<u>1059</u>	27	<u>1059</u>
12	<u>1060</u>	28	<u>1057</u>
13	<u>1064</u>	29	<u>1058</u>
14	<u>1062</u>	30	<u>726</u>
15	<u>1062</u>	31	<u>          </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 May 1, 1992  
 COMPLETED BY L.J. Fuller  
 TELEPHONE 717-542-3858

OPERATING STATUS

Unit Two

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

Notes

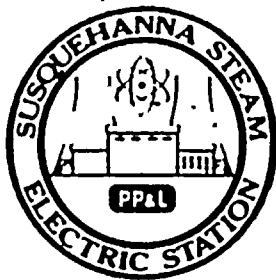
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2903</u>	<u>63,239</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2793</u>	<u>52,774.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>719</u>	<u>2759.3</u>	<u>51,756</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,350,520</u>	<u>8,942,562</u>	<u>164,305,497</u>
17. Gross Electrical Energy Generated (MWH)	<u>778,234</u>	<u>2,965,704</u>	<u>53,872,728</u>
18. Net Electrical Energy Generated (MWH)	<u>752,945</u>	<u>2,862,696</u>	<u>51,849,887</u>
19. Unit Service Factor	<u>100</u>	<u>95.1</u>	<u>81.8</u>
20. Unit Availability Factor	<u>100</u>	<u>95.1</u>	<u>81.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.3</u>	<u>94.5</u>	<u>78.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.7</u>	<u>93.9</u>	<u>78.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>5.0</u>	<u>5.8</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

REPORT MONTH April 1992

DOCKET NO. 50-388  
 UNIT NAME Two  
 DATE May 1, 1992  
 COMPLETED BY L.L. Fuller  
 TELEPHONE 717-542-3858

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
4	920430	S	0.0	B	5	NA	XX	ZZZ	Unit Two commenced a downpower at 0600 hours April 30 for scheduled maintenance. Power level was lowered to 60% for 500KV switchyard work, control rod sequence exchange, and condenser water box cleaning. The unit is scheduled to return to 100% power on May 3.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuation  
 from previous month  
 5-Reduction  
 9-Other

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source



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SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date May 1, 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 Change to Radioactive Waste Treatment Systems

None.