



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
 UNIT One
 DATE 05/09/88
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

MONTH April, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1,052	17	1,052
2	1,050	18	1,053
3	1,048	19	1,056
4	1,046	20	1,055
5	1,050	21	1,054
6	1,051	22	1,054
7	1,056	23	1,052
8	1,057	24	1,050
9	1,058	25	1,052
10	1,055	26	1,049
11	1,054	27	1,047
12	1,055	28	1,053
13	1,055	29	1,054
14	1,055	30	803
15	1,055	31	
16	1,056		

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.

(9/77)

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1/1



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 05/09/88
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 1988
3. Licensed Thermal Power (MWt): 3,293
4. Nameplate Rating (Gross MWe): 1,152
5. Design Electrical Rating (Net MWe): 1,065
6. Maximum Dependable Capacity (Gross MWe): 1,068
7. Maximum Dependable Capacity (Net MWe): 1,032

Notes

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	719	2,903	42,936
12. Number Of Hours Reactor Was Critical	719	2,628	32,280.1
13. Reactor Reserve Shutdown Hours	0	0	812.7
14. Hours Generator On-Line	719	2,584.4	30,531.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,356,635	8,254,661	94,308,138
17. Gross Electrical Energy Generated (MWH)	776,720	2,726,112	30,736,711
18. Net Electrical Energy Generated (MWH)	751,003	2,630,162	29,471,390
19. Unit Service Factor	100.0	89.0	71.1
20. Unit Availability Factor	100.0	89.0	71.1
21. Unit Capacity Factor (Using MDC Net)	101.2	87.8	66.5
22. Unit Capacity Factor (Using DER Net)	98.1	85.1	64.5
23. Unit Forced Outage Rate	0.0	5.5	10.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit One is not currently scheduled to shutdown within the next six months.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

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, 1988

DOCKET NO. 50-387
 UNIT NAME SSES- Unit One
 DATE 05/09/88
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

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	880430	S	0	B	5	NA	JD	zzzzzz	On April 30, 1988, at approximately 0600 hours, Operations personnel began decreasing reactor power to perform a control rod sequence exchange and to scram time 19 control rods. Following completion of these activities, operations personnel increased reactor power. Full power operation was restored on May 1, 1988 at approximately 1900 hours.

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

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date 05/09/88

Completed by J.A. Hirt Telephone (717) 542-3917

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 05/09/88
COMPLETED BY J.A. Hirt
TELEPHONE (717) 542-3917

MONTH April, 1988

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. 50-388
 DATE 05/09/88
 COMPLETED BY J. A. Hirt
 TELEPHONE (717) 542-3917

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 1988
3. Licensed Thermal Power (MWt): 3,293
4. Nameplate Rating (Gross MWe): 1,154
5. Design Electrical Rating (Net MWe): 1,065
6. Maximum Dependable Capacity (Gross MWe): 1,068
7. Maximum Dependable Capacity (Net MWe): 1,032

Notes

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>719</u>	<u>2,903</u>	<u>28,175</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1,560</u>	<u>23,152</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>1,536.5</u>	<u>22,697.4</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>4,798,980</u>	<u>71,424,693</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,572,662</u>	<u>23,379,424</u>
18. Net Electrical Energy Generated (MWH)	<u>-6,209</u>	<u>1,511,685</u>	<u>22,509,360</u>
19. Unit Service Factor	<u>0</u>	<u>52.9</u>	<u>80.6</u>
20. Unit Availability Factor	<u>0</u>	<u>52.9</u>	<u>80.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>50.5</u>	<u>77.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>48.9</u>	<u>75.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.7</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Unit Two is currently shutdown for its second refueling outage.

25. If Shut Down At End Of Report Period. Estimated Date of Startup: May 21, 1988

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, 1988

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 05/09/88
 COMPLETED BY J.A. Hirt
 TELEPHONE (717) 542-3917

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
1	880305	S	719	C	1	NA	zzzz	zzzzzz	On March 5, 1988, at 0200 hours, Operations personnel placed the reactor mode switch in the "shutdown" position to commence the Unit's second refueling outage.

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 05/09/88

Completed by J.A. Hirt Telephone (717)542-3917

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/770-5151

Harold W. Keiser
Senior Vice President-Nuclear
215/770-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

MAY 13 1988

Mr. William G. McDonald
Director, Office of Administration
and Resources Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3027 FILE R41-2A

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

Dear Mr. McDonald:

The April 1988 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

Attachment

cc: Document Control Desk (Original)
NRC Region I
Mr. F. I. Young - NRC Sr. Resident Inspector
Mr. M. C. Thadani - NRC Project Manager

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