

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387

UNIT One

DATE July 9, 1984

COMPLETED BY L.A. Kuczynski

TELEPHONE 717-542-3759

MONTH June, 1984

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1048</u>
2	<u>1042</u>
3	<u>873</u>
4	<u>1042</u>
5	<u>1037</u>
6	<u>1031</u>
7	<u>1024</u>
8	<u>1024</u>
9	<u>1017</u>
10	<u>958</u>
11	<u>1024</u>
12	<u>1034</u>
13	<u>740</u>
14	<u>0</u>
15	<u>260</u>
16	<u>724</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>937</u>
18	<u>1035</u>
19	<u>1030</u>
20	<u>1038</u>
21	<u>1043</u>
22	<u>1038</u>
23	<u>1025</u>
24	<u>911</u>
25	<u>1037</u>
26	<u>1045</u>
27	<u>1038</u>
28	<u>1035</u>
29	<u>1035</u>
30	<u>1037</u>
31	<u></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.

(9/77)

8407270443 840630
PDR ADDCK 05000387
R PDR

IE24
1/1



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE July 9, 1984
 COMPLETED BY L.A. Kuczynski
 TELEPHONE 717-542-3759

OPERATING STATUS

- Unit 1
- Unit Name: Susquehanna Steam Electric Station
 - Reporting Period: June, 1984
 - Licensed Thermal Power (MWt): 3293
 - Nameplate Rating (Gross MWe): 1152
 - Design Electrical Rating (Net MWe): 1065
 - Maximum Dependable Capacity (Gross MWe): 1068
 - Maximum Dependable Capacity (Net MWe): 1032

Notes

- If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

- Power Level To Which Restricted, If Any (Net MWe): None
- Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4,367</u>	<u>9,336</u>
12. Number Of Hours Reactor Was Critical	<u>621</u>	<u>2,588</u>	<u>6,433.3</u>
13. Reactor Reserve Shutdown Hours	<u>29</u>	<u>29</u>	<u>185.7</u>
14. Hours Generator On-Line	<u>683</u>	<u>2,502.8</u>	<u>6,271.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,154,934</u>	<u>7,583,809</u>	<u>18,845,470</u>
17. Gross Electrical Energy Generated (MWH)	<u>702,180</u>	<u>2,484,220</u>	<u>6,150,770</u>
18. Net Electrical Energy Generated (MWH)	<u>675,830</u>	<u>2,392,225</u>	<u>5,928,598</u>
19. Unit Service Factor	<u>94.9</u>	<u>57.3</u>	<u>67.2</u>
20. Unit Availability Factor	<u>94.9</u>	<u>57.3</u>	<u>67.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.0</u>	<u>53.1</u>	<u>61.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.1</u>	<u>51.4</u>	<u>59.6</u>
23. Unit Forced Outage Rate	<u>5.1</u>	<u>19.2</u>	<u>15.0</u>

- Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

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

- Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1984

DOCKET NO. 50-387
 UNIT NAME One
 DATE July 9, 1984
 COMPLETED BY L.A. Kuczynski
 TELEPHONE 717-542-3759

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
5	840613	F	37	H	3	84-028	HA	VALVEX	The Unit scrambled on control valve fast closure as a result of the loss of a transmission line. The loss of power to various controllers in the plant allowed reactor vessel coolant level to rise to the high level trip setpoint for the main turbine. All plant systems responded as designed except for a slow transfer of the 4KV ESS Bus 2A to its alternate supply. This problem is currently being investigated.

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-Other (Explain)

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

⁵
 Exhibit I - Same Source

Unit 1
SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date July 9, 1984
Completed by L.A. Kuczynski Telephone 717-542-3759

Challenges to Main Steam Safety Relief Valves.

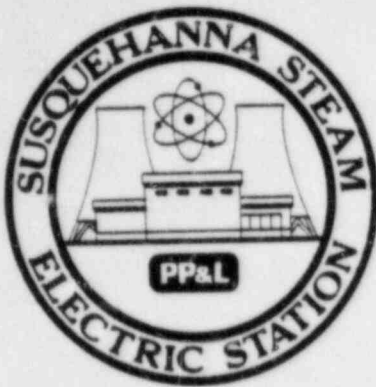
None

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 July 9, 1984

COMPLETED BY L.A. Kuczynski

TELEPHONE 717-542-3759

MONTH June, 1984

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.



OPERATING DATA REPORT

DOCKET NO. 50-388
 DATE July 9, 1984
 COMPLETED BY L.A. Kuczynski
 TELEPHONE 717-542-3759

OPERATING STATUS

Unit 2

1. Unit Name Susquehanna Steam Electric Station
2. Reporting Period: June, 1984
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): *
7. Maximum Dependable Capacity (Net MWe): *
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

Received full power operating license June 27, 1984.

* To be determined.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>0</u>	<u>0</u>	<u>0</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>0</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>0</u>	<u>0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
19. Unit Service Factor	<u>NA</u>	<u>NA</u>	<u>NA</u>
20. Unit Availability Factor	<u>NA</u>	<u>NA</u>	<u>NA</u>
21. Unit Capacity Factor (Using MDC Net)	<u>NA</u>	<u>NA</u>	<u>NA</u>
22. Unit Capacity Factor (Using DER Net)	<u>NA</u>	<u>NA</u>	<u>NA</u>
23. Unit Forced Outage Rate	<u>NA</u>	<u>NA</u>	<u>NA</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Maintenance Outage 10/27/84, 7 weeks.

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

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

05/09/84
06/28/84
12/31/84

Achieved

05/08/84
07/03/84



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1984

DOCKET NO. 50-388
 UNIT NAME Two
 DATE July 9, 1984
 COMPLETED BY L.A. Kuczynski
 TELEPHONE 717-542-3759

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
	840611	F	18.2	H	2	NA	SA	INSTRU	Reactor scrammed from sub-critical in preparation for suppression chamber entry to correct vacuum breaker dual indication.

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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 Method:
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⁵
 Exhibit I - Same Source

Unit 2
SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date July 9, 1984
Completed By L.A. Kuczynski Telephone 717-542-3759

Challenges to Main Steam Safety Relief Valves.

None.



Pennsylvania Power & Light Company

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

Bruce D. Kenyon
Vice President-Nuclear Operations
215/770-7502

JUL 12 1984

Director, Data Automation &
Management Information Division
Attention: Mr. M. R. Beebe
Management Information Branch
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
ER 100450 FILE 841
PLA-2248

Docket Nos. 50-387
50-388

Dear Mr. Beebe:

The June 1984 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

B. D. Kenyon
Vice President-Nuclear Operations

Attachment

cc: Dr. Thomas E. Murley
Regional Administrator-Region I
U.S. Nuclear Regulatory Commission
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King of Prussia, PA 19406

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Mr. R. H. Jacobs - NRC
Mr. R. L. Perch - NRC

IE24
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