

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387

UNIT One

DATE 10/06/83

COMPLETED BY L.A. Kuczynski

TELEPHONE (717) 542-2181

MONTH September, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>327</u>
3	<u>695</u>
4	<u>920</u>
5	<u>1015</u>
6	<u>1027</u>
7	<u>1037</u>
8	<u>1034</u>
9	<u>951</u>
10	<u>1032</u>
11	<u>1034</u>
12	<u>1043</u>
13	<u>1050</u>
14	<u>1054</u>
15	<u>1056</u>
16	<u>1055</u>

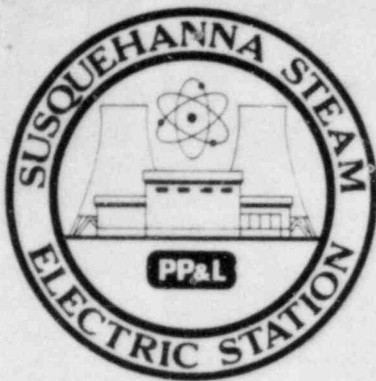
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1048</u>
18	<u>1045</u>
19	<u>1039</u>
20	<u>1037</u>
21	<u>1042</u>
22	<u>1057</u>
23	<u>1057</u>
24	<u>1057</u>
25	<u>1053</u>
26	<u>1053</u>
27	<u>1052</u>
28	<u>1050</u>
29	<u>1054</u>
30	<u>1052</u>
31	<u></u>

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.

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PDR ADOCK 05000387
R PDR

(9/77)



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE 10/06/83
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-2181

OPERATING STATUS

Unit 1

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: September, 1983
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): 1068
7. Maximum Dependable Capacity (Net MWe): 1032
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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>720</u>	<u>2,760</u>	<u>2,760</u>
12. Number Of Hours Reactor Was Critical	<u>714.3</u>	<u>2378.4</u>	<u>2378.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>156.7</u>	<u>156.7</u>
14. Hours Generator On-Line	<u>692.1</u>	<u>2317.9</u>	<u>2317.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,212,121</u>	<u>6,766,806</u>	<u>6,766,806</u>
17. Gross Electrical Energy Generated (MWH)	<u>721,020</u>	<u>2,190,810</u>	<u>2,190,810</u>
18. Net Electrical Energy Generated (MWH)	<u>696,649</u>	<u>2,111,614</u>	<u>2,111,614</u>
19. Unit Service Factor	<u>96.1</u>	<u>84</u>	<u>84</u>
20. Unit Availability Factor	<u>96.1</u>	<u>84</u>	<u>84</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.8</u>	<u>74.1</u>	<u>74.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.8</u>	<u>71.8</u>	<u>71.8</u>
23. Unit Forced Outage Rate	<u>3.9</u>	<u>16.0</u>	<u>16.0</u>

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

Unit 1/Unit 2 Tie-in Outage to commence November 8, 1983. Scheduled to last 30 days.

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 September, 1983

DOCKET NO. 50-387
 UNIT NAME One
 DATE 10/06/83
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-2181

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
16	830828	F	27.9	A	3	NA	CC	INSTRU	With the unit at 100% power on August 28, 1983, scheduled main turbine stop valve testing was being performed. When the last main turbine stop valve opened, an MSIV isolation occurred. A scram followed due to the MSIV's being less than 94% full open. Grid synchronization was achieved September 2, 1983 at 0353.

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

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date 10/06/83

Completed by L.A. Kuczynski Telephone (717) 542-2181

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Water Treatment Systems

None



Pennsylvania Power & Light Company

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

OCT 12 1983

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 REPORT - SEPTEMBER 1983
ER 100450 FILE 841
PLA-1891

Docket No. 50-387

Dear Mr. Beebe:

The September 1983 monthly operating report for Susquehanna SES Unit 1 is 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
631 Park Avenue
King of Prussia, PA 19406

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Attn: Document Control Desk (12 copies)

Mr. G. Rhoads - NRC
Mr. R. Perch - NRC

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