



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE July 3, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717) 542-3759

MONTH June, 1985

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>30</u>
13	<u>352</u>
14	<u>464</u>
15	<u>558</u>
16	<u>640</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>588</u>
18	<u>590</u>
19	<u>846</u>
20	<u>813</u>
21	<u>804</u>
22	<u>1004</u>
23	<u>1013</u>
24	<u>1024</u>
25	<u>1031</u>
26	<u>1034</u>
27	<u>1035</u>
28	<u>1040</u>
29	<u>855</u>
30	<u>1018</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)

8509100500 850630
PDR ADDCK 05000387
R PDR

IE24
1/1



OPERATING DATA REPORT

DOCKET NO. 50-387
 DATE July 3, 1985
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-3759

OPERATING STATUS

Unit 1

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: June, 1985
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
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: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4,343</u>	<u>18,096</u>
12. Number Of Hours Reactor Was Critical	<u>508.5</u>	<u>1,404.5</u>	<u>11,797.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>41.8</u>	<u>513.2</u>
14. Hours Generator On-Line	<u>440.6</u>	<u>1,324.5</u>	<u>11,471.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,149,907</u>	<u>3,679,450</u>	<u>34,308,438</u>
17. Gross Electrical Energy Generated (MWH)	<u>368,670</u>	<u>1,191,820</u>	<u>11,182,350</u>
18. Net Electrical Energy Generated (MWH)	<u>348,076</u>	<u>1,106,178</u>	<u>10,686,748</u>
19. Unit Service Factor	<u>61.2</u>	<u>30.5</u>	<u>63.4</u>
20. Unit Availability Factor	<u>61.2</u>	<u>30.5</u>	<u>63.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>46.8</u>	<u>24.7</u>	<u>57.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>45.4</u>	<u>23.9</u>	<u>55.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.9</u>	<u>12.9</u>

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

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	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1985

DOCKET NO. 50-387
 UNIT NAME One
 DATE July 3, 1985
 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
2	850209	S	276	C	4	NA	NA	NA	Manual scram to commence first refueling outage. Breaker closed June 12, 1985 at 1200.
3	850612	S	3.4	B	9	NA	NA	NA	Generator removed from grid for performance of turbine testing.

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

UNIT I

SUSQUEHANNA STEAM ELECTRIC STATION

Docket No.	<u>50-387</u>
Date	<u>July 3, 1985</u>
Completed By	<u>L.A. Kuczynski</u>
Telephone	<u>(717) 542-3759</u>

Challenges to Main Steam Safety Relief Valves

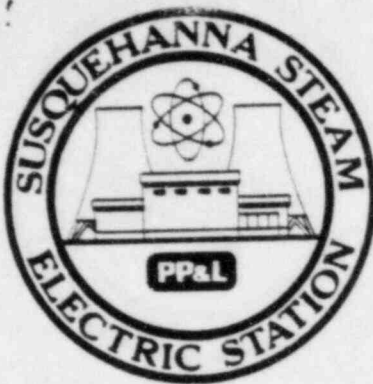
None

Changes to the Offsite Dos/ Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388

UNIT Two

DATE July 3, 1985

COMPLETED BY L.A. Kuczynski

TELEPHONE (717) 542-3759

MONTH June, 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>98</u>
4	<u>830</u>
5	<u>893</u>
6	<u>979</u>
7	<u>1028</u>
8	<u>1037</u>
9	<u>1026</u>
10	<u>1035</u>
11	<u>1043</u>
12	<u>1041</u>
13	<u>1049</u>
14	<u>1048</u>
15	<u>1047</u>
16	<u>1027</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1029</u>
18	<u>1035</u>
19	<u>1039</u>
20	<u>1044</u>
21	<u>1040</u>
22	<u>946</u>
23	<u>753</u>
24	<u>747</u>
25	<u>757</u>
26	<u>778</u>
27	<u>1003</u>
28	<u>1021</u>
29	<u>1031</u>
30	<u>764</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.



OPERATING DATA REPORT

DOCKET NO. 50-388
 DATE July 3, 1985
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-3759

OPERATING STATUS

Unit 2

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: June, 1985
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: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	3,335	3,335
12. Number Of Hours Reactor Was Critical	664.7	3,041.6	3,041.6
13. Reactor Reserve Shutdown Hours	6.2	246.9	246.9
14. Hours Generator On-Line	651.4	2,968	2,968
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,016,617	9,337,975	9,337,975
17. Gross Electrical Energy Generated (MWH)	649,852	3,052,832	3,052,832
18. Net Electrical Energy Generated (MWH)	627,349	2,945,269	2,945,269
19. Unit Service Factor	90.5	89.0	89.0
20. Unit Availability Factor	90.5	89.0	89.0
21. Unit Capacity Factor (Using MDC Net)	84.4	85.6	85.6
22. Unit Capacity Factor (Using DER Net)	81.8	82.9	82.9
23. Unit Forced Outage Rate	9.5	11.0	11.0

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: July 7, 1985

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1985

DOCKET NO. 50-388
 UNIT NAME Two
 DATE July 3, 1985
 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
10	850531	F	62.4	A	4	85-017-00	CB	VALVEX	Reactor recirculation pump 'A' discharge bypass valve developed a severe packing leak which led to the Unit shutdown. The valve was repaired and the Unit returned to service on June 3, 1985. Note: Power reduction commenced on May 30, 1985.
11	850630	F	6.2	A	3	85-021-00	EG	TRANSF	Main generator neutral overvoltage was caused by the failure of a main transformer 'C' phase low voltage bushing. The bushing was replaced and the Unit was returned to service on July 7, 1985.

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 II

SUSQUEHANNA STEAM ELECTRIC STATION

Docket No. 50-388
Date July 3, 1985
Completed By L.A. Kuczynski
Telephone (717) 542-3759

Challenges to Main Steam Safety Relief Valves

Following the scram of June 30, 1985, SRV's 'B' and 'E' actuated automatically. They reseated properly.

<u>OPEN</u>	<u>CLOSED</u>	<u>RX PRESSURE (psig) AT SRV OPEN</u>	<u>RX PRESSURE (psig) AT SRV CLOSE</u>
17:46:56 (B)	17:47:07 (B)	1077	976
17:46:56 (E)	17:47:07 (E)	1077	976

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 • 215 / 770-5151

Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

JUL 15 1985

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-2500

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

Dear Mr. Beebe:

The June 1985 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser
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. R. H. Jacobs - NRC
Ms. M. J. Campagnone - NRC

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