

UNIT 1

SUSQUEHANNA STEAM ELECTRIC STATION

Docket No. 50-387
Date May 2, 1985
Completed by L.A. Kuczynski
Telephone (717) 542-3759

Challenges to Main Steam Safety Relief Valves.

None.

Changes to the Offsite Dose Calculation Manual.

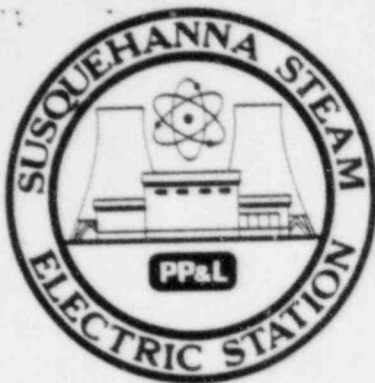
None.

Major Changes to Radioactive Waste Treatment Systems.

None.

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388

UNIT Two

DATE May 2, 1985

COMPLETED BY L.A. Kuczynski

TELEPHONE (717)542-3759

MONTH April, 1985

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	<u>1045</u>
2	<u>1056</u>
3	<u>1054</u>
4	<u>1052</u>
5	<u>1047</u>
6	<u>1051</u>
7	<u>1053</u>
8	<u>1057</u>
9	<u>1058</u>
10	<u>1057</u>
11	<u>1055</u>
12	<u>1053</u>
13	<u>1052</u>
14	<u>1049</u>
15	<u>1048</u>
16	<u>1047</u>

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	<u>1054</u>
18	<u>1048</u>
19	<u>1040</u>
20	<u>1042</u>
21	<u>1039</u>
22	<u>1038</u>
23	<u>1041</u>
24	<u>1052</u>
25	<u>1045</u>
26	<u>571</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</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 May 2, 1985
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-3759

OPERATING STATUS

Unit 2

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 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	<u>743</u>	<u>1,895</u>	<u>1,895</u>
12. Number Of Hours Reactor Was Critical	<u>619</u>	<u>1,688.9</u>	<u>1,688.9</u>
13. Reactor Reserve Shutdown Hours	<u>124</u>	<u>206.1</u>	<u>206.1</u>
14. Hours Generator On-Line	<u>617</u>	<u>1,665.1</u>	<u>1,665.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,012,910</u>	<u>5,312,155</u>	<u>5,312,155</u>
17. Gross Electrical Energy Generated (MWH)	<u>665,488</u>	<u>1,752,902</u>	<u>1,752,902</u>
18. Net Electrical Energy Generated (MWH)	<u>641,651</u>	<u>1,690,998</u>	<u>1,690,998</u>
19. Unit Service Factor	<u>83</u>	<u>87.9</u>	<u>87.9</u>
20. Unit Availability Factor	<u>83</u>	<u>87.9</u>	<u>87.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>83.7</u>	<u>86.5</u>	<u>86.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>81.1</u>	<u>83.8</u>	<u>83.8</u>
23. Unit Forced Outage Rate	<u>17</u>	<u>12.1</u>	<u>12.1</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: May 3, 1985

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, 1985

DOCKET NO. 50-388
 UNIT NAME Two
 DATE May 2, 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
8	850426	F	126	A	2	N/A	HA	GENERA	Controlled Unit shutdown completed to permit repair of the generator stator cooling water leak.
NOTE: An LER will not be submitted for Unit shutdown #6. Occurrence subsequently determined not reportable.									

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 2

SUSQUEHANNA STEAM ELECTRIC STATION

Docket No. 50-388
Date May 2, 1985
Completed by L.A. Kuczynski
Telephone (717) 542-3759

Challenges to Main Steam Safety Relief Valves.

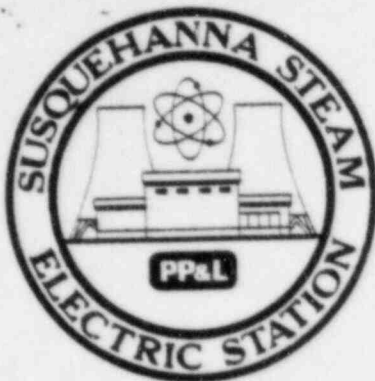
None.

Changes to the Offsite Dose Calculation Manual.

None.

Major Changes to Radioactive Waste Treatment Systems.

None.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387

UNIT One

DATE May 2, 1985

COMPLETED BY L.A. Kuczynski

TELEPHONE (717) 542-3759

MONTH April, 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>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>-</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 2, 1985
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-3759

OPERATING STATUS

Unit 1

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: April, 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	<u>713</u>	<u>2,903</u>	<u>16,656</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>896</u>	<u>11,288.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>41.8</u>	<u>513.2</u>
14. Hours Generator On-Line	<u>0</u>	<u>883.9</u>	<u>11,030.8</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>2,529,543</u>	<u>33,158,531</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>823,150</u>	<u>10,813,680</u>
18. Net Electrical Energy Generated (MWH)	<u>-5,017</u>	<u>769,123</u>	<u>10,349,693</u>
19. Unit Service Factor	<u>0</u>	<u>30.4</u>	<u>66.2</u>
20. Unit Availability Factor	<u>0</u>	<u>30.4</u>	<u>66.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>25.7</u>	<u>60.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>24.9</u>	<u>58.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>5.8</u>	<u>13.4</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: June 19, 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 April, 1985

DOCKET NO. 50-387
 UNIT NAME One
 DATE May 2, 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	743	C	4	NA	NA	NA	Manual Scram to commence first 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



Pennsylvania Power & Light Company

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

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

MAY 7 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-2466

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

Dear Mr. Beebe:

The April 1985 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
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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