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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 YOUNG, K.A. Pennsylvania Power & Light Co.
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

MCDONALD, W.G. NRC - No Detailed Affiliation Given

SUBJECT: Monthly operating repts for June 1991 for Susquehanna Steam Electric Station. W/910715 ltr.

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/774-5151

Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

JUL 15 1991

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-3605 FILE R41-2A**

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

Dear Mr. McDonald:

The June 1991 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

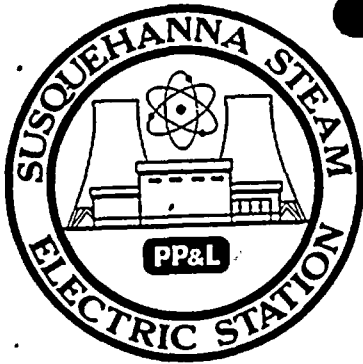
Very truly yours,

H. W. Keiser

Attachment

cc: ~~Document Control Desk (original)~~
NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. J. J. Raleigh, NRC Project Manager

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AVERAGE DAILY UNIT POWER LEVEL

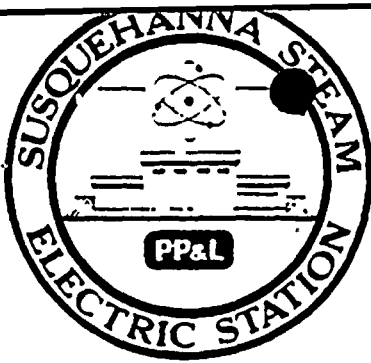
DOCKET NO. 50-387
 UNIT One
 DATE 7-5-91
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

MONTH June 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1033</u>	17	<u>1027</u>
2	<u>1037</u>	18	<u>1034</u>
3	<u>1038</u>	19	<u>1036</u>
4	<u>1042</u>	20	<u>1030</u>
5	<u>1046</u>	21	<u>1032</u>
6	<u>1045</u>	22	<u>1036</u>
7	<u>1042</u>	23	<u>1040</u>
8	<u>1039</u>	24	<u>1041</u>
9	<u>1033</u>	25	<u>1038</u>
10	<u>1032</u>	26	<u>1038</u>
11	<u>1032</u>	27	<u>1034</u>
12	<u>1035</u>	28	<u>1027</u>
13	<u>1045</u>	29	<u>1023</u>
14	<u>1041</u>	30	<u>1025</u>
15	<u>1030</u>	31	<u> </u>
16	<u>1022</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 7-5-91
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

OPERATING STATUS Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: June 1991
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1069.6
7. Maximum Dependable Capacity (Net MWe): 1033.1

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:
No changes were made

9. Power Level To Which Restricted, if Any (Net MWe): None
10. Reasons For Restrictions, if Any: N/A

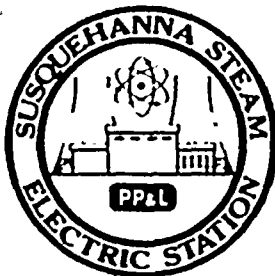
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>70,680</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>4343</u>	<u>54,646.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1032</u>
14. Hours Generator On-Line	<u>720</u>	<u>4343</u>	<u>53,475.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,364,869</u>	<u>14,001,302</u>	<u>167,707,426</u>
17. Gross Electrical Energy Generated (MWH)	<u>771,572</u>	<u>4,615,628</u>	<u>54,769,248</u>
18. Net Electrical Energy Generated (MWH)	<u>745,293</u>	<u>4,455,119</u>	<u>52,605,794</u>
19. Unit Service Factor	<u>100</u>	<u>100</u>	<u>75.7</u>
20. Unit Availability Factor	<u>100</u>	<u>100</u>	<u>75.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.2</u>	<u>99.3</u>	<u>72.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.6</u>	<u>97.7</u>	<u>70.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.2</u>

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

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

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 1991

DOCKET NO. 50-387
 UNIT NAME Unit One
 DATE 7-5-91
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

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
									No report required for June 1991

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 50-387

Date: June 1991

Completed by K. A. Young

Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

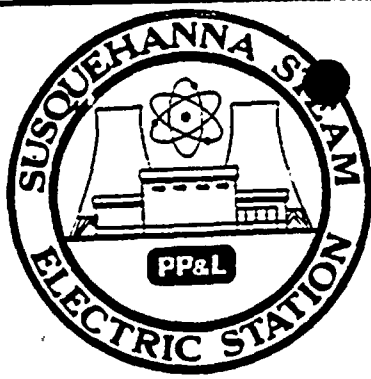
1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for the proper management of the organization's finances and for ensuring compliance with applicable laws and regulations.

2. The second part of the document outlines the specific procedures that should be followed when recording transactions. It details the steps from the initial receipt of funds to the final entry in the accounting system.

3. The third part of the document discusses the role of the accounting department in providing accurate and timely financial information to management. It highlights the importance of regular reporting and the use of this information for strategic decision-making.

4. The fourth part of the document discusses the importance of internal controls in preventing fraud and ensuring the integrity of the financial reporting process. It provides examples of effective internal control measures that can be implemented in an organization.

5. The fifth part of the document discusses the role of the external auditor in providing an independent opinion on the organization's financial statements. It explains the scope of the audit and the importance of the auditor's report to investors and other stakeholders.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-388
UNIT Two
DATE 7-5-91
COMPLETED BY K.A. Young
TELEPHONE (717) 542-3251

MONTH June 1991

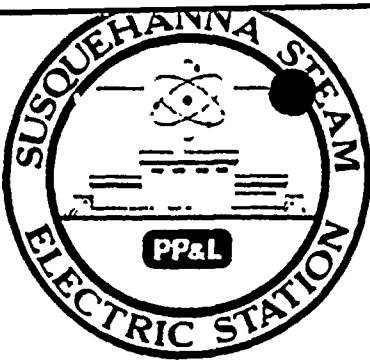
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1044
2	1048
3	1048
4	1053
5	1055
6	1054
7	1051
8	1048
9	1045
10	1044
11	1045
12	1046
13	1053
14	1050
15	1042
16	1034

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1038
18	1045
19	1046
20	1040
21	1042
22	1047
23	1050
24	1050
25	1048
26	1048
27	1042
28	1006
29	642
30	907
31	

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 7-5-91
 COMPLETED BY K.A. Young
 TELEPHONE (717)542-3251

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: June 1991
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1075.5
7. Maximum Dependable Capacity (Net MWe): 1039.0
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
No changes were made.

Notes

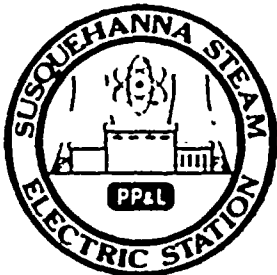
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>55,919</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>2854.5</u>	<u>45,717.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>720</u>	<u>2767.6</u>	<u>44,807.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,336,141</u>	<u>8,697,746</u>	<u>141,791,210</u>
17. Gross Electrical Energy Generated (MWH)	<u>765,460</u>	<u>2,847,139</u>	<u>46,442,258</u>
18. Net Electrical Energy Generated (MWH)	<u>739,464</u>	<u>2,730,040</u>	<u>44,681,418</u>
19. Unit Service Factor	<u>100</u>	<u>63.7</u>	<u>80.1</u>
20. Unit Availability Factor	<u>100</u>	<u>63.7</u>	<u>80.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.9</u>	<u>60.5</u>	<u>76.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.8</u>	<u>59.9</u>	<u>76.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>5.9</u>

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
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 1991

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 7-5-91
 COMPLETED BY K.A. Young
 TELEPHONE (717) 542-3251

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	910628	S	0.0	B	5	N/A	XX	ZZZ	Unit Two commenced a power reduction at 2200 hours June 28 for scheduled maintenance. Power level was lowered to 60% for a control rod sequence exchange. During down power, weld repairs were made on a crack, at the point where piping from the #2 bypass valve enters the main condenser. Unit Two returned to 100% power at 2333 hours June 30.

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

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388

Date: June 1991

Completed by K. A. Young

Telephone: (717) 542-3251

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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