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AUTH.NAME AUTHOR AFFILIATION
YOUNG,K.A. Pennsylvania Power & Light Co.
KEISER,H.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

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

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PP&L 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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SUSQUEHANNA STEAM ELECTRIC STATION
PP&L

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	1033	17	1027
2	1037	18	1034
3	1038	19	1036
4	1042	20	1030
5	1046	21	1032
6	1045	22	1036
7	1042	23	1040
8	1039	24	1041
9	1033	25	1038
10	1032	26	1038
11	1032	27	1034
12	1035	28	1027
13	1045	29	1023
14	1041	30	1025
15	1030	31	
16	1022		

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)

SUSQUEHANNA STEAM ELECTRIC STATION

PP&L

OPERATING DATA REPORT

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

OPERATING STATUS

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

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		

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION
PP&L

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

(9/77)

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.

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)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1044	17	1038
2	1048	18	1045
3	1048	19	1046
4	1053	20	1040
5	1055	21	1042
6	1054	22	1047
7	1051	23	1050
8	1048	24	1050
9	1045	25	1048
10	1044	26	1048
11	1045	27	1042
12	1046	28	1006
13	1053	29	642
14	1050	30	907
15	1042	31	
16	1034		

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)

SUSQUEHANNA STEAM ELECTRIC STATION

PP&L

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Unit Two 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

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

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		

SUSQUEHANNA STEAM ELECTRIC STATION
PP&L

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 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

(9/77)

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.