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

SUBJECT: Monthly operating repts for Jan 1992 for Susquehanna Steam Electric Station,Units 1 & 2.W/920214 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

FEB 14 1992

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-3733 FILE R41-2A

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

The January 1992 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser

Attachment

cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. J. J. Raleigh, NRC Project Manager

JE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE 2-6-92
COMPLETED BY K.A. Young
TELEPHONE (717)542-3251

MONTH January 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1050	17	1049
2	1049	18	1049
3	1047	19	1049
4	1048	20	1049
5	1047	21	1048
6	1050	22	1050
7	1050	23	1046
8	1050	24	1042
9	1049	25	718
10	1049	26	1032
11	1039	27	1043
12	1029	28	1032
13	1048	29	1028
14	1047	30	1023
15	1050	31	1021
16	1050		

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 2-6-92
COMPLETED BY K.A. Young
TELEPHONE (717)542-3251

OPERATING STATUS

1. Unit Name: Unit One Susquehanna Steam Electric Station
2. Reporting Period: January 1992
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): 1078
7. Maximum Dependable Capacity (Net MWe): 1040

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: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	75,841
12. Number Of Hours Reactor Was Critical	744	744	59,669.9
13. Reactor Reserve Shutdown Hours	0	0	1032
14. Hours Generator On-Line	744	744	58,472.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,404,963	2,404,963	183,917,924
17. Gross Electrical Energy Generated (MWH)	796,794	796,794	60,090,106
18. Net Electrical Energy Generated (MWH)	768,734	768,734	57,741,008
19. Unit Service Factor	100	100	77.1
20. Unit Availability Factor	100	100	77.1
21. Unit Capacity Factor (Using MDC Net)	99.4	99.4	73.2
22. Unit Capacity Factor (Using DER Net)	98.4	98.4	72.5
23. Unit Forced Outage Rate	0	0	7.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refuel Outage, March 7, 1992 for 70 days.

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 January 1992

DOCKET NO. 50-387
UNIT NAME One
DATE 2-6-92
COMPLETED BY K.A.Young
TELEPHONE 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
1	920124	S	0.0	B	5	NA	XX	ZZZ	Unit One commenced a power reduction at 2100 hours on January 24 for scheduled maintenance. Power level was lowered to 40% for reactor recirc M/G set brush change out and condenser waterbox cleaning. Scheduled maintenance activities were completed and the unit returned to 100% power at 0900 hours January 26.

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: February 6, 1992

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 2-6-92
COMPLETED BY K.A. Young
TELEPHONE (717)542-3251

MONTH January 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1060	17	1062
2	1059	18	1062
3	1056	19	1060
4	1057	20	1061
5	1058	21	1061
6	1060	22	1060
7	1060	23	1057
8	1061	24	1061
9	1060	25	1062
10	1060	26	1062
11	1061	27	1061
12	1061	28	1059
13	1059	29	1061
14	1060	30	1059
15	1063	31	1029
16	1063		

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 2-6-92
COMPLETED BY K.A. Young
TELEPHONE (717)542-3251

OPERATING STATUS

Unit Two

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: January 1992
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): 1082
7. Maximum Dependable Capacity (Net MWe): 1044

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: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	61,080
12. Number Of Hours Reactor Was Critical	744	744	50,725.8
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	744	49,740.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,451,721	2,451,721	157,814,656
17. Gross Electrical Energy Generated (MWH)	816,234	816,234	51,723,258
18. Net Electrical Energy Generated (MWH)	788,006	788,006	49,775,197
19. Unit Service Factor	100	100	81.4
20. Unit Availability Factor	100	100	81.4
21. Unit Capacity Factor (Using MDC Net)	101.5	101.5	78.1
22. Unit Capacity Factor (Using DER Net)	100.9	100.9	77.6
23. Unit Forced Outage Rate	0	0	5.8

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 January 1992

DOCKET NO. 50-388
UNIT NAME Two
DATE 2-6-92
COMPLETED BY K.A. Young
TELEPHONE (727)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 January 1992.

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
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5
Exhibit I - Same Source

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: February 6, 1992

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