

CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9702250221 DOC. DATE: 97/01/31 NOTARIZED: NO DOCKET #

FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387

50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388

AUTH. NAME AUTHOR AFFILIATION

YOUNG, K.A. Pennsylvania Power & Light Co.

BYRAM, R.G. Pennsylvania Power & Light Co.

RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1996 for Susquehanna Steam Electric Station. W/970214 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

05000387

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Pennsylvania Power & Light Company

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Fax: 610/774-5019

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

FEB 14 1997

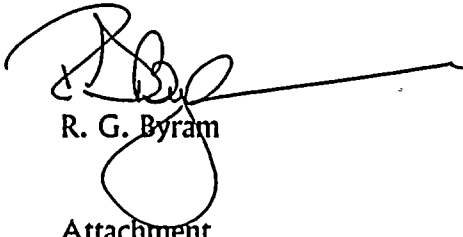
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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4569 FILE R41-2A

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

The January 1997 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



R. G. Byram

Attachment

copy: NRC Region I
Mr. K. Jenison, NRC Sr. Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

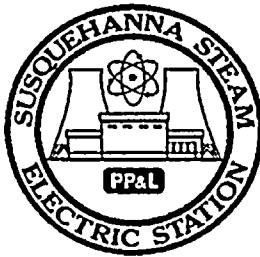
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PDR ADDCK 05000387
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250120



AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387
 UNIT One
 DATE 2-6-97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

MONTH January 1997

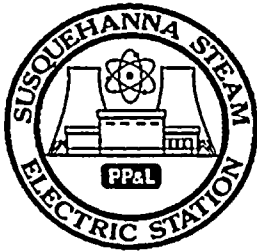
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1116
2.	1115
3.	1094
4.	975
5.	1076
6.	1116
7.	1115
8.	1116
9.	1116
10.	1118
11.	1117
12.	1116
13.	1116
14.	1116
15.	1115
16.	1117

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1118
18.	1117
19.	1116
20.	1114
21.	1116
22.	1115
23.	1116
24.	1116
25.	1116
26.	1115
27.	1116
28.	1116
29.	1116
30.	1116
31.	1116

INSTRUCTION:

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
 UNIT One
 DATE 2/06/97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

NOTES

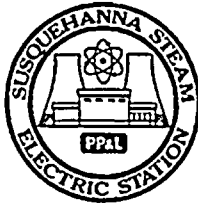
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: January 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
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	119,689
12. Number of Hours Reactor Was Critical	744	744	94,705.8
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	744	93,062.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,542,501	2,542,501	296,178,082
17. Gross Electrical Energy Generated (MWH)	855,493	855,493	96,730,687
18. Net Electrical Energy Generated (MWH)	825,374	825,374	92,980,869
19. Unit Service Factor	100	100	77.8
20. Unit Availability Factor	100	100	77.8
21. Unit Capacity Factor (Using MDC Net)	101.8	101.8	74.2
22. Unit Capacity Factor (Using DER Net)	100.9	100.9	73.5
23. Unit Forced Outage Rate	0	0	6.7
24. Shut Down 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

DOCKET NO. 50-387
 UNIT One
 DATE 02/05/97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH January 1997

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	970103	S	0.0	B	5	NA	XX	ZZZ	Unit One commenced a power reduction to as low as 72% at 2200 hours January 3 to perform a control rod sequence exchange. Evolution was completed and unit returned to 100% power at midnight January 4.

- | | | | | |
|--------------------------------------|---|--|---|-----------------------------------|
| <p>1. F. Forced
S. Scheduled</p> | <p>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)</p> | <p>3. Method:
1- Manual
2- Manual Scram
3- Automatic Scram
4- Continuation from previous month
5- Reduction
9- Other</p> | <p>4. Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p> | <p>5. Exhibit I - Same Source</p> |
|--------------------------------------|---|--|---|-----------------------------------|

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number: 50-387 Date: 2/05/97

Completed by: K. A. Young Telephone: (717) 542-3251

Challenges to Main Steam Safety Relief Valves

None.

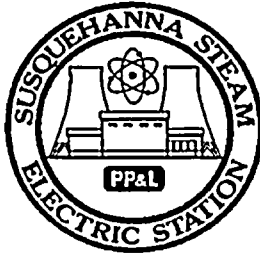
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment System

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388
 UNIT Two
 DATE 2/05/97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

MONTH January 1997

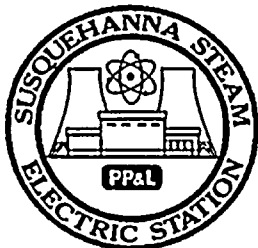
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1109
2.	1107
3.	1106
4.	1090
5.	1062
6.	1112
7.	1112
8.	1112
9.	1113
10.	1104
11.	973
12.	1006
13.	1111
14.	1113
15.	1112
16.	1113

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	1112
18.	1113
19.	1112
20.	1111
21.	1111
22.	1110
23.	1111
24.	1111
25.	1112
26.	1112
27.	1112
28.	1112
29.	1112
30.	1068
31.	870

INSTRUCTION:

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
 UNIT Two
 DATE 2/06/97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

NOTES:

OPERATING STATUS

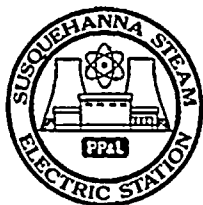
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: January 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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	104,928
12. Number of Hours Reactor Was Critical	744	744	89,102.0
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	744	744	87,573.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,509,250	2,509,250	283,956,305
17. Gross Electrical Energy Generated (MWH)	840,898	840,878	92,964,810
18. Net Electrical Energy Generated (MWH)	812,256	812,256	89,533,072
19. Unit Service Factor	100	100	83.5
20. Unit Availability Factor	100	100	83.5
21. Unit Capacity Factor (Using MDC Net)	99.8	99.8	80.8
22. Unit Capacity Factor (Using DER Net)	99.3	99.3	80.3
23. Unit Forced Outage Rate	0	0	4.9
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>8 Refuel Inspection Outage; Start March 15, 1997; duration 36 days.</u>			

25. If Shut Down at End of Report Period, Estimated Date of Startup: N/A
26. Units in Test Status (Prior to Commerical Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS



DOCKET NO. 50-388 -
 UNIT Two
 DATE 2/06/97
 COMPLETED BY K. A. Young
 TELEPHONE (717) 542-3251

REPORT MONTH January 1997

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	970110	S	0.0	B	5	NA	AA	HCU	Unit 2 reduced power to 87% at 2255 hours January 10 to perform scheduled preventive maintenance activities on 14 control rod drive hydraulic control units. Work was successfully completed and unit returned to 100% power at 0208 hours January 13.
2	970131	F	0.0	A	5	NA	SG	TBG	Unit 2 reduced power to 75% at 2000 hours January 30 to perform forced maintenance activities. A tube leak was identified and repaired in the "C" waterbox of the low pressure condenser. Unit raised power level to 90% at 2000 hours January 31 and then entered into a scheduled preventive maintenance activity for work on 14 control rod drive hydraulic control units.

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: 50-388 Date: 2/05/97

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 System

None.

