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ACCESSION NBR:8808190145 DOC.DATE: 88/07/31 NOTARIZED: NO DOCKET #
FACIL:50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva 05000387
50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
AUTH.NAME AUTHOR AFFILIATION
HIRT,J.A. Pennsylvania Power & Light Co.
KEISER,H.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jul 1988 for Susquehanna Units 1 & 2.W/880815 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 10
TITLE: Monthly Operating Report (per Tech Specs)

NOTES:LPDR 2 cys Transcripts. 05000387
LPDR 2 cys Transcripts. 05000388

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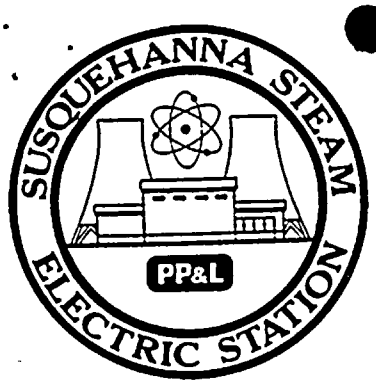


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717) 542-3917

MONTH July, 1988

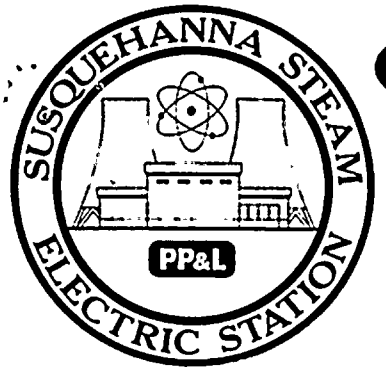
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1,048	17	1,019
2	1,045	18	1,029
3	1,035	19	1,025
4	1,035	20	1,027
5	1,032	21	1,027
6	1,028	22	1,032
7	1,028	23	1,033
8	1,016	24	1,032
9	987	25	1,035
10	1,023	26	1,034
11	1,023	27	1,032
12	1,025	28	1,029
13	1,031	29	1,022
14	1,021	30	727
15	1,029	31	982
16	1,003		

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.

IE24
1/1

(9/77)



OPERATING DATA REPORT

DOCKET NO. 50-387
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717)542-3917

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: July, 1988
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 1068
7. Maximum Dependable Capacity (Net MWe): 1032
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

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	744	5,111	45,144
12. Number Of Hours Reactor Was Critical	744	4,616.7	33,268.8
13. Reactor Reserve Shutdown Hours	0	219.3	1,032
14. Hours Generator On-Line	744	4,534.2	32,481.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,424,243	14,561,776	100,615,253
17. Gross Electrical Energy Generated (MWH)	783,120	4,777,718	32,788,317
18. Net Electrical Energy Generated (MWH)	755,835	4,607,435	31,448,663
19. Unit Service Factor	100.0	88.7	72.0
20. Unit Availability Factor	100.0	88.7	72.0
21. Unit Capacity Factor (Using MDC Net)	98.4	87.4	67.5
22. Unit Capacity Factor (Using DER Net)	95.4	84.7	65.4
23. Unit Forced Outage Rate	0.0	8.2	10.5

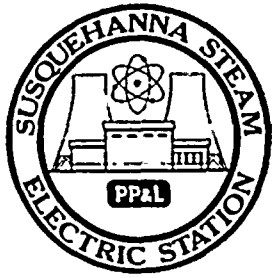
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Unit One is not currently scheduled to shutdown within the next six months.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1988

DOCKET NO. 50-387
UNIT NAME SSES-Unit One
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717)542-3917

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
7	880730	S	0	B	5	NA	ZZ	ZZZZZZ	On July 30, 1988, at approximately 0000 hours, Operations personnel began reducing reactor power in order to complete a control rod sequence exchange. Minimum reactor power reached was 52%. Following the sequence exchange, operators increased reactor power. Full power operation was re-established at approximately 1700 hours on July 31, 1988.

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 08/05/88

Completed by J.A. Hirt Telephone (717)542-3917

Challenges to Main Steam Safety Relief Valves

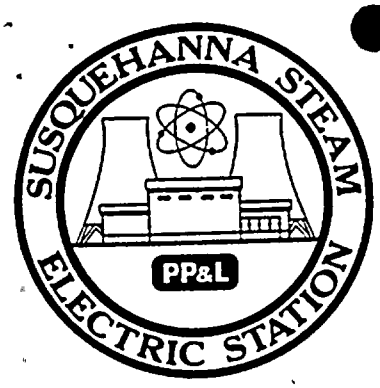
None

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 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717) 542-3917

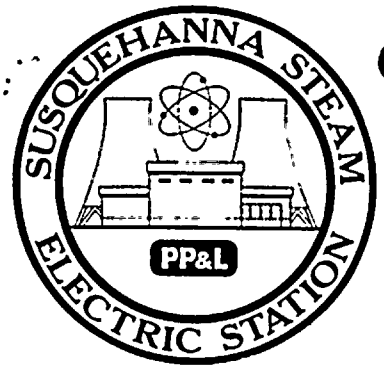
MONTH July, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	553	17	1,009
2	0	18	1,033
3	0	19	1,031
4	0	20	1,032
5	9	21	1,032
6	578	22	1,039
7	882	23	866
8	829	24	1,039
9	814	25	1,040
10	942	26	1,039
11	1,034	27	1,037
12	1,034	28	1,035
13	1,037	29	1,029
14	1,030	30	1,033
15	1,032	31	1,033
16	1,026		

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)



OPERATING DATA REPORT

DOCKET NO. 50-388
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717)542-3917

OPERATING STATUS

1. Unit Name: Unit Two Susquehanna Steam Electric Station
2. Reporting Period: July, 1988
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1065
6. Maximum Dependable Capacity (Gross MWe): 1068
7. Maximum Dependable Capacity (Net MWe): 1032

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

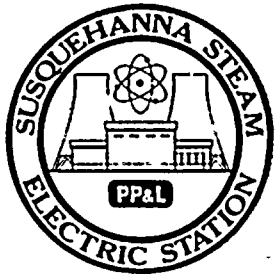
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,111	30,383
12. Number Of Hours Reactor Was Critical	679.2	2,483.9	24,075.9
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	645.9	2,319.4	23,480.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,016,044	7,051,219	73,676,932
17. Gross Electrical Energy Generated (MWH)	649,526	2,292,546	24,099,308
18. Net Electrical Energy Generated (MWH)	625,035	2,183,438	23,181,113
19. Unit Service Factor	86.8	45.4	77.3
20. Unit Availability Factor	86.8	45.4	77.3
21. Unit Capacity Factor (Using MDC Net)	81.4	41.4	73.9
22. Unit Capacity Factor (Using DER Net)	78.9	40.1	71.6
23. Unit Forced Outage Rate	0.0	0.26	8.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit Two is not currently scheduled to shutdown within the next six months.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1988

DOCKET NO. 50-388
UNIT NAME SSES-Unit Two
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717)542-3917

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
4	880701	S	98.1	A	1	NA	SB	H	On June 30, 1988, at approximately 2130 hours, a Shift Technical Advisor (STA) discovered that the U-Bolt hanger to the #2 control valve of the main steam system was broken. The STA was making a routine check of the TV monitor monitoring the hanger and observed that the hanger was broken. Operations personnel manually shutdown the reactor by inserting control rods. The shutdown was completed at 0510 hours on July 2, 1988. Maintenance personnel repaired the hanger. Following the repair, Operators brought the unit critical at 2156 hours on July 4, 1988. They synchronized the unit to the grid at 2140 hours on July 5, 1988.

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
PP&L

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1988

DOCKET NO. 50-388
UNIT NAME SSES-Unit Two
DATE 08-05-88
COMPLETED BY J.A. Hirt
TELEPHONE (717) 542-3917

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	880723	S	0	B	5	NA	AD	ZZZZZZ	Operators reduced Rx power in order to obtain baseline APRM and LPRM neutron flux noise values in accordance with Surveillance Requirement 4.4.1.1.1.4.

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)

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Method:
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5
Exhibit I - Same Source

(9/77)

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date 08/05/88

Completed by J.A. Hirt Telephone (717)542-3917

Challenges to Main Steam Safety Relief Valves

None

Changes to the Offsite Dose Calculation Manual

None

Major Changes to Radioactive Waste Treatment Systems

None

PP&L Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101 • 215/770-5151

AUG 15 1988

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

Harold W. Keiser
Senior Vice President-Nuclear
215/770-4194

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-3074 FILE R41-2A

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

Dear Mr. McDonald:

The July 1988 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. F. I. Young - NRC Sr. Resident Inspector
Mr. M. C. Thadani - NRC Project Manager

IE24
1/1