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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
YOUNG,K.A. Pennsylvania Power & Light Co.
BYRAM,R.G. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for July 1996 for Susquenhanna SES Units 1 & 2.W/960819 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

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AUG 1 9 1996

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
Mail Station P1-137
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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4493 FILE R41-2A

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

The July 1996 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

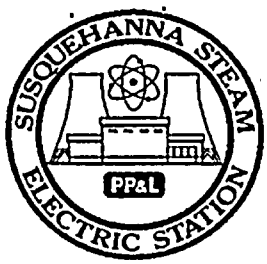
R. G. Byram

Attachment

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

IE24

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387
UNIT One
DATE 08-08-96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

MONTH July 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1067	17.	1080
2.	1083	18.	1078
3.	1084	19.	1079
4.	1009	20.	1096
5.	1027	21.	1091
6.	1082	22.	1090
7.	1035	23.	1085
8.	1078	24.	1081
9.	1080	25.	1078
10.	1093	26.	1082
11.	1093	27.	1089
12.	1062	28.	1087
13.	799	29.	1082
14.	985	30.	1077
15.	1073	31.	1070
16.	1079		

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 08/08/96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

NOTES

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: July 1996
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	5111	115,272
12.	Number of Hours Reactor Was Critical	744	5,111	91,528,031
13.	Reactor Reserve Shutdown Hours	0	0	1,032
14.	Hours Generator On-Line	744	5,111	89,994.3
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	2,503,024	17,306,911	285,684,100
17.	Gross Electrical Energy Generated (MWH)	820,058	5,739,513	93,560,879
18.	Net Electrical Energy Generated (MWH)	791,359	5,539,284	89,941,887
19.	Unit Service Factor	100.0	100.0	78.1
20.	Unit Availability Factor	100.0	100.0	78.1
21.	Unit Capacity Factor (Using MDC Net)	97.6	99.4	74.6
22.	Unit Capacity Factor (Using DER Net)	96.7	98.5	73.9
23.	Unit Forced Outage Rate	0	0	6.7

24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    9th Refuel Outage; start September 7, 1996; duration 36 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		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-387
UNIT One
DATE 08/08/96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

REPORT MONTH July 1996

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
6	960712	S	0.0	B	5	N/A	SG	COND	Unit 1 commenced a power reduction to as low as 75% power at 2120 hours July 12 to perform condenser water box tube leak investigations. Previously installed tube plugs were tightened. The Unit commenced startup at 2300 hours July 13 and returned to 100% power at 1402 hours July 14.

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: 08/08/96

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 08/08/96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

MONTH July 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1085	17.	0
2.	1090	18.	0
3.	1091	19.	0
4.	1044	20.	0
5.	1062	21.	0
6.	1091	22.	0
7.	1086	23.	0
8.	1085	24.	0
9.	1087	25.	0
10.	1097	26.	0
11.	1099	27.	0
12.	1094	28.	0
13.	1090	29.	0
14.	812	30.	0
15.	0	31.	
16.	0		

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 08/08/96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

NOTES:

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: July 1996
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	5,111	100,511
12.	Number of Hours Reactor Was Critical	354.4	4,721.4	84,685.0
13.	Reactor Reserve Shutdown Hours	0	0	717.9
14.	Hours Generator On-Line	330.0	4,697.0	83,180.6
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	1,124,879	16,014,366	269,100,252
17.	Gross Electrical Energy Generated (MWH)	370,567	5,344,791	88,014,037
18.	Net Electrical Energy Generated (MWH)	351,061	5,157,158	84,750,799
19.	Unit Service Factor	44.4	91.9	82.8
20.	Unit Availability Factor	44.4	91.9	82.8
21.	Unit Capacity Factor (Using MDC Net)	43.1	92.2	80.0
22.	Unit Capacity Factor (Using DER Net)	42.9	91.7	79.5
23.	Unit Forced Outage Rate	55.6	8.1	5.1

24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    NONE

11. If Shut Down at End of Report Period, Estimated Date of Startup: _____
12. Units in Test Status (Prior to Commercial Operation:

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-388
UNIT Two
DATE 08/08/96
COMPLETED BY K. A. Young
TELEPHONE (717) 542-3251

REPORT MONTH July 1996

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	960714	F	414.0	H	2	96-004-00	EB	CBL1	At 1801 hours on July 14, 1996, the Unit 2 Reactor was manually scrammed when all feedwater was lost. During post maintenance testing of TIE BUS 0A107, power was lost to Auxiliary Bus 12A. This caused 2 condensate pumps to trip and due to low suction pressure all 3 RFP's tripped. Scheduling decision was made to complete forced outage tape maintenance activities prior to returning unit to service. Unit remained shutdown through the end of the month.

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: 08/08/96

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.