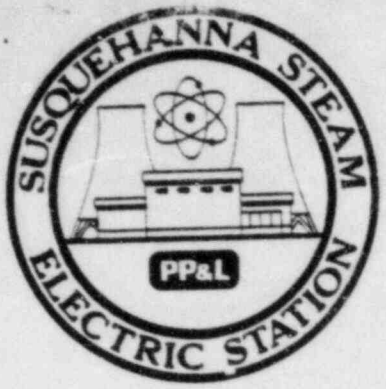


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-3759

MONTH November, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1039
2	0	18	1041
3	0	19	1035
4	0	20	1031
5	0	21	1045
6	6	22	1045
7	455	23	1045
8	665	24	1042
9	748	25	1045
10	958	26	1043
11	1040	27	1044
12	1042	28	1045
13	1037	29	1044
14	1038	30	1044
15	1043	31	-
16	1042		

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)

IE 24
1/1

SUSQUEHANNA STEAM ELECTRIC STATION

PP&L

OPERATING DATA REPORT

DOCKET NO. 50-387
DATE December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-3759

OPERATING STATUS

Unit 1

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: November, 1985
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
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes

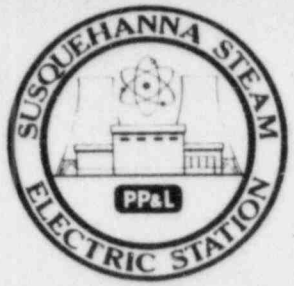
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,016	21,769
12. Number Of Hours Reactor Was Critical	606	4,909.5	15,302.2
13. Reactor Reserve Shutdown Hours	114	184.2	655.6
14. Hours Generator On-Line	580.7	4,793.5	14,940.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,805,265	14,826,659	45,455,647
17. Gross Electrical Energy Generated (MWH)	589,212	4,808,592	14,799,122
18. Net Electrical Energy Generated (MWH)	565,885	4,591,021	14,171,591
19. Unit Service Factor	80.6	59.8	68.6
20. Unit Availability Factor	80.6	59.8	68.6
21. Unit Capacity Factor (Using MDC Net)	76.2	55.5	63.1
22. Unit Capacity Factor (Using DER Net)	73.8	53.8	61.1
23. Unit Forced Outage Rate	19.4	5.1	11.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling Outage; February 15, 1986; 84 days

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 November, 1985

DOCKET NO. 50-387
UNIT NAME One
DATE December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717) 542-3759

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	851030	F	139.3	H	4	85-031	HA	VALVEX	High level in moisture separator drain tank 'B' caused a turbine trip and subsequent reactor scram on turbine control valve fast closure. The plant responded as expected. No ECCS actuated; None was required. Investigation determined that mechanical failures were not a factor in producing the high drain tank level. A procedure change has been made which directs Operations personnel to open the turbine cross-around drain valves for 15 minutes at approximately 30% power during power ascension.

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)

UNIT 1

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387
Date December 4, 1985
Completed By L.A. Kuczynski
Telephone (717)542-3759

Challenges to Main Steam Safety Relief Valves

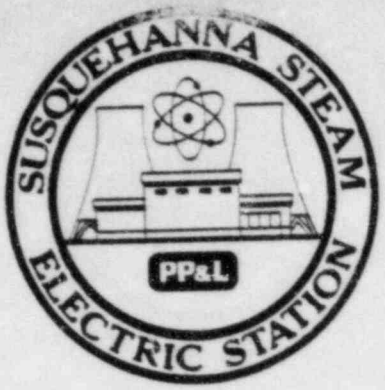
None.

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 December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717) 542-3759

MONTH November, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1050	17	1050
2	746	18	1051
3	930	19	1045
4	1047	20	1043
5	1047	21	1052
6	1047	22	1051
7	1047	23	830
8	1050	24	952
9	1047	25	1052
10	1044	26	1052
11	1048	27	868
12	1049	28	832
13	1046	29	824
14	1045	30	824
15	1051	31	-
16	1053		

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 December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-3759

OPERATING STATUS

Unit 2

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: November, 1985
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: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	7,008	7,008
12. Number Of Hours Reactor Was Critical	720	6,503.4	6,503.4
13. Reactor Reserve Shutdown Hours	0	458.1	458.1
14. Hours Generator On-Line	720	6,392.5	6,392.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,246,452	20,218,067	20,218,067
17. Gross Electrical Energy Generated (MWH)	743,090	6,614,066	6,614,066
18. Net Electrical Energy Generated (MWH)	716,899	6,379,018	6,379,018
19. Unit Service Factor	100.0	91.2	91.2
20. Unit Availability Factor	100.0	91.2	91.2
21. Unit Capacity Factor (Using MDC Net)	96.5	88.2	88.2
22. Unit Capacity Factor (Using DER Net)	93.5	85.5	85.5
23. Unit Forced Outage Rate	0.0	8.8	8.8

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

None

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		

SUSQUEHANNA STEAM ELECTRIC STATION
PP&L

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1985

DOCKET NO. 50-388
UNIT NAME Two
DATE December 4, 1985
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-3759

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
16	851102	S	0	F	5	NA	ZZ	ZZZZZZ	Power reduction for control rod sequence exchange. Reactor recirc motor generator set brush replacement was also accomplished.
17	851123	S	0	F	5	NA	ZZ	ZZZZZZ	Power reduction for control rod pattern adjustment. Turbine control, stop, bypass and combined intermediate valve testing was also completed.

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)

UNIT 2

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388
Date December 4, 1985
Completed By L.A. Kuczynski
Telephone (717)542-3759

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

Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

DEC 09 1985

Director, Data Automation &
Management Information Division
Attention: Mr. M. R. Beebe
Management Information Branch
Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
ER 100450 FILE 841 Docket Nos. 50-387/NPF-14
PLA-2567 50-388/NPF-22

Dear Mr. Beebe:

The November 1985 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

H. W. Keiser
Vice President-Nuclear Operations

Attachment

cc: Dr. Thomas E. Murley
Regional Administrator-Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Attn: Document Control Desk (12 copies)

Mr. R. H. Jacobs - NRC
Ms. M. J. Campagnone - NRC

IE24