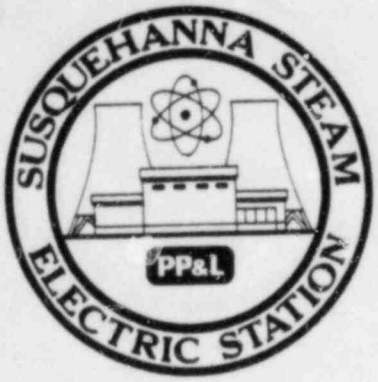


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE 09-08-83
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-2181

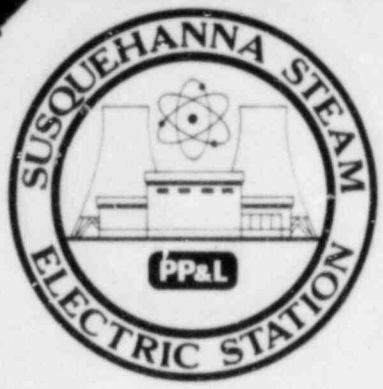
MONTH August, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1034	17	1036
2	1037	18	1032
3	958	19	1030
4	1032	20	1013
5	1034	21	1038
6	1036	22	1031
7	1033	23	1033
8	1032	24	1037
9	1010	25	1031
10	1044	26	1032
11	1036	27	1030
12	1042	28	88
13	1045	29	0
14	1044	30	0
15	1027	31	0
16	1040		

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. 50-387
DATE 09-08-83
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-2181

OPERATING STATUS

1. Unit Name: Unit 1 Susquehanna Steam Electric Station
2. Reporting Period: August, 1983
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:
   Items 6 and 7 may vary month-to-month until sufficient operating data has been gathered.
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes
*Year to date and cumulative values for Item 16 adjusted due to availability of better data for June and July, 1983.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2040	2040
12. Number Of Hours Reactor Was Critical	650.5	1664.1	1664.1
13. Reactor Reserve Shutdown Hours	0	156.7	156.7
14. Hours Generator On-Line	650.5	1625.8	1625.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,100,610	*4,554,685	*4,554,685
17. Gross Electrical Energy Generated (MWH)	693,580	1,469,790	1,469,790
18. Net Electrical Energy Generated (MWH)	669,973	1,414,965	1,414,965
19. Unit Service Factor	87.4	79.7	79.7
20. Unit Availability Factor	87.4	79.7	79.7
21. Unit Capacity Factor (Using MDC Net)	87.2	67.2	67.2
22. Unit Capacity Factor (Using DER Net)	84.6	65.1	65.1
23. Unit Forced Outage Rate	12.6	20.3	20.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Unit 1/Unit 2 Tie-in Outage to commence November 15, 1983. Scheduled to last 29 days.
25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 2, 1983
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 August, 1983

DOCKET NO. 50-387
UNIT NAME One
DATE 09-08-83
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-2181

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	830828	F	93.5	A	3	NA	CC	INSTRU	With the unit at 100% power, scheduled main turbine stop valve testing was being performed. When the last main turbine stop valve opened, an MSIV isolation occurred. A scram followed due to the MSIV's being less than 94% full open. Spurious actuation of main steam line pressure switches is considered to be the cause of the scram. One switch was replaced and the switch's operation will be monitored during plant operation. In addition, pulsation dampeners were installed on the sensing lines to the main steam line pressure switches to reduce susceptibility of the switches to pressure oscillations.

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-Other (Explain)

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 09-08-83
Completed by L.A. Kuczynski Telephone (717)542-2181

Challenges to Main Steam Safety Relief Valves

SRV 'B' automatically actuated to provide pressure control at 7.5 minutes after the August 28 scram. The SRV was open for approximately 3 minutes, during which RPV pressure decreased from 1078 psig to 913 psig. The valve reseated properly.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Water Treatment Systems

None.

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

Bruce D. Kenyon
Vice President-Nuclear Operations
215/770-7502

SEP 12 1983

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 REPORT - AUGUST 1983
ER 100450 FILE 841
PLA-1834

Docket No. 50-387

Dear Mr. Beebe:

The August 1983 monthly operating report for Susquehanna SES Unit 1 is attached.

Very truly yours,

B. D. Kenyon
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. G. Rhoads - NRC
Mr. R. Perch - NRC

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. Thomas E. Pollog
Department of Environmental
Resources
Bureau of Radiation Protection
P.O. Box 2063
Harrisburg, PA 17120

IE24
1/1