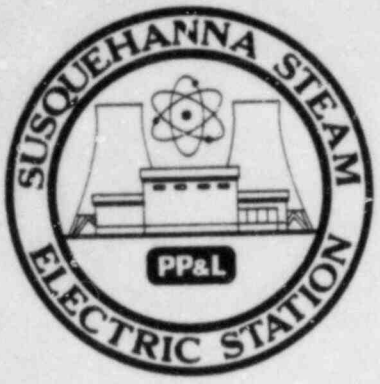


AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT One
DATE 12/07/83
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-2181

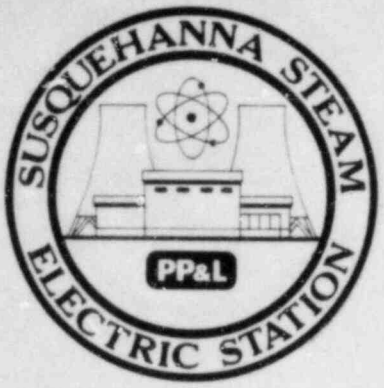
MONTH November, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1055	17	1026
2	456	18	1058
3	0	19	1055
4	176	20	1049
5	385	21	1054
6	596	22	1054
7	763	23	1039
8	844	24	790
9	289	25	886
10	140	26	1052
11	744	27	1052
12	718	28	1057
13	981	29	1057
14	1058	30	1057
15	1055	31	-
16	1044		

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 12/07/83
COMPLETED BY L.A. Kuczynski
TELEPHONE (717)542-2181

OPERATING STATUS

Unit 1

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

Notes

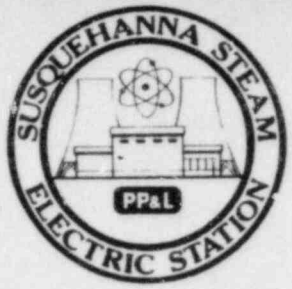
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,225	4,225
12. Number Of Hours Reactor Was Critical	670.1	3,793.5	3,793.5
13. Reactor Reserve Shutdown Hours	0	156.7	156.7
14. Hours Generator On-Line	653.6	3,716.5	3,716.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,863,922	11,087,858	11,087,858
17. Gross Electrical Energy Generated (MWH)	612,120	3,613,650	3,613,650
18. Net Electrical Energy Generated (MWH)	590,195	3,485,616	3,485,616
19. Unit Service Factor	90.8	88	88
20. Unit Availability Factor	90.8	88	88
21. Unit Capacity Factor (Using MDC Net)	79.4	79.9	79.9
22. Unit Capacity Factor (Using DER Net)	77	77.5	77.5
23. Unit Forced Outage Rate	9.2	12.0	12.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Unit 1 - Unit 2 Tie-in Outage to commence December 3, 1983. Scheduled to last 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

REPORT MONTH November, 1983

DOCKET NO. 50-387
UNIT NAME One
DATE 12-07-83
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
17	831102	F	37.4	H	3	NA	HG	DEMINX	The scram was caused by momentary greater than three times normal radiation in the Main Steam lines. Demineralizer resin fines entered the reactor coolant system and caused a short-term increase in radioactive nitrogen in the main steam.
18	831109	F	29.0	A	3	NA	CH	INSTRU	The feedwater level feedback signal failed low, causing the feedwater level controller to increase to 100%. This yielded a main turbine trip on high RPV level with a subsequent reactor scram on turbine control valve fast closure. The vessel level/feedflow/steam flow summer was replaced and additional monitoring of other input signals from the feedwater level control system has been instituted.

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
PP&L

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-387
UNIT NAME One
DATE 12-07-83
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
19	831124	F	0	B	4	NA	CH	HTEXCH	Power reduction for maintenance on feedwater heaters. Extended administratively to place condensate demineralizer in service.

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:
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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 12-07-83

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

Challanges to Main Steam Safety Relief Valves

SRV 'A' was manually actuated to provide pressure control 7 minutes after the November 3, 1983 scram. The SRV was open for 5 minutes during which time RPV pressure decreased from 1061 psig to 850 psig. The valve reseated properly.

SRV's 'B', 'C' and 'D' were also manually actuated during the scram recovery process. SRV 'B' was opened twice, for a total open time of 6.8 minutes; SRC 'C' was opened once for 3.6 minutes; SRV 'D' was also opened for 4.7 minutes. All valves reseated properly. The SRV's were opened in alphabetical order as directed by the scram recovery procedure. This assures even distribution of heat addition to the Suppression Pool.

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

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

DEC 15 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 - NOVEMBER 1983
ER 100450 FILE 841
PLA-1986

Docket No. 50-387

Dear Mr. Beebe:

The November 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

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

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