

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387

UNIT One

DATE 12-9-82

COMPLETED BY L.A. Kuczynski

TELEPHONE (717) 542-2181

MONTH November, 1982

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	_____
2	_____
3	_____
4	_____
5	_____
6	_____
7	_____
8	_____
9	_____
10	_____
11	_____
12	_____
13	_____
14	_____
15	_____
* 16	<u>131</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>149</u>
18	<u>134</u>
19	<u>132</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>31</u>
24	<u>0</u>
25	<u>96</u>
26	<u>209</u>
27	<u>271</u>
28	<u>10</u>
29	<u>248</u>
30	<u>314</u>
31	_____

* Based on 1127 synchronization on 11-16-82.

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 12-9-82
COMPLETED BY L.A. Kuczynski
TELEPHONE (717) 542-2181

OPERATING STATUS

Unit One

1. Unit Name: Susquehanna Steam Electric Station
2. Reporting Period: November, 1982
3. Licensed Thermal Power (MWt): 3293
4. Nameplate Rating (Gross MWe): 1280 X 0.9=1052
5. Design Electrical Rating (Net MWe): 1052 - 41=1011
6. Maximum Dependable Capacity (Gross MWe): *
7. Maximum Dependable Capacity (Net MWe): *
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Pre turbine-roll outage completed 11-3-82. Initial Generator synchronization 11-16-82 at 0932.

*MDC to be determined.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period **	348.5	348.5	348.5
12. Number Of Hours Reactor Was Critical	256.5	256.5	256.5
13. Reactor Reserve Shutdown Hours	31.5	31.5	31.5
14. Hours Generator On-Line	212.2	212.2	212.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	185,559	185,559	185,559
17. Gross Electrical Energy Generated (MWH)	44,990	44,990	44,990
18. Net Electrical Energy Generated (MWH)	38,648	38,648	38,648
19. Unit Service Factor	N/A		
20. Unit Availability Factor	N/A		
21. Unit Capacity Factor (Using MDC Net)	N/A		
22. Unit Capacity Factor (Using DER Net)	N/A		
23. Unit Forced Outage Rate	N/A		
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:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	9-7-82	9-10-82
INITIAL ELECTRICITY	11-19-82	11-16-82
COMMERCIAL OPERATION	5-15-83	

**Initial electrical production: 11-16-82 at 1127.



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1982

DOCKET NO. 50-387
 UNIT NAME Susquehanna Unit 1
 DATE 12-9-82
 COMPLETED BY L.A. Kuczyński
 TELEPHONE (717) 542-2181

No.	Date	Type ¹	Duration (Hour) ²	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
	821101	F	7.5	H	3	N/A	HA	INSTRU	I&C Technician grounded the EHC negative voltage resulting in a bypass valve transient with subsequent reactor vessel level transient. I&C personnel were counseled and cautioned to prevent any similar grounding events when dealing with such floating ground systems.
	821103	S	36	H	2	N/A	ZZ	ZZZZZZ	End of pre-turbine roll outage.
	821110	F	16.6	H	3	N/A	IE	INSTRU	Pressure transient occurred in the variable leg of the RPV level transmitters, while being returned to service following a surveillance test. System design preventive measures and testing modification are being investigated.

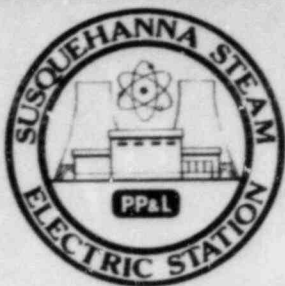
¹
 F: Forced
 S: Scheduled

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1982

DOCKET NO. 50-387
 UNIT NAME Susquehanna Unit 1
 DATE 12-2-82
 COMPLETED BY L.A. Kuczynski
 TELEPHONE (717) 542-2182

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
1	821116	S	2.0	B	1	N/A	ZZ	ZZZZZZ	Generator tripped to perform turbine overspeed trip tests.
2	821120	S	69.2	B	2	N/A	ZZ	ZZZZZZ	Manual scram performed in accordance with startup test schedule.
3	821123	F	14.8	H	3	N/A	IE	INSTRU	RPV level transient caused by I&C Valving in a pressure instruments. System design, preventive measures and testing modifications are being investigated.
4	821124	F	28.4	A	3	N/A	CH	CKTBRK	Feedwater level controller placed in AUTO and went into divergent oscillations causing feed pumps and main turbine to trip on high level. Controller was "tuned up" prior to being used in AUTO again.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1982

DOCKET NO. 50-387

UNIT NAME Susquehanna Unit 1

DATE 12-9-82

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
5	821128	F	24	B	3	N/A	HA	INSTRU	Turbine control valve fast closure trip occurred during surveillance test. Yielded a full RPS trip. Future testing to be conducted with reactor power less than 24% until installation of orifices in EHC System piping.

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PP&L

SUSQUEHANNA STEAM ELECTRIC STATION
Docket Number 50-387 Date 12-9-82
Completed by: L.A. Kuczynski Telephone (717)542-2181
November, 1982

Challenges to Main Steam Safety Relief Valves

None.

Changes to Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.