

FORD 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9312020198 : DOC. DATE: 93/10/31 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 BALL, B. Pennsylvania Power & Light Co.
 BYRAM, R. G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1993 for Susquehanna Steam Electric Station W/931115 ltr.

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/774-5151

Robert G. Byram
Senior Vice President-Nuclear
215/774-7502

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

NOV 15 1993

U.S. Nuclear Regulatory Commission
Attn.: Document Control-Desk
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4048 FILE R41-2A

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

The October 1993 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



R. G. Byram

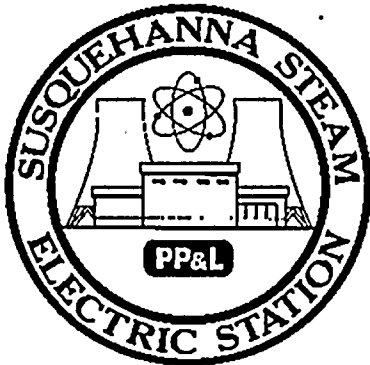
Attachment

cc: NRC Region I
Mr. G. S. Barber, NRC Resident Inspector
Mr. R. J. Clark, NRC Sr. Project Manager

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PDR ADDCK 05000387
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AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387

UNIT: One

DATE: 11-05-93

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH October 1993

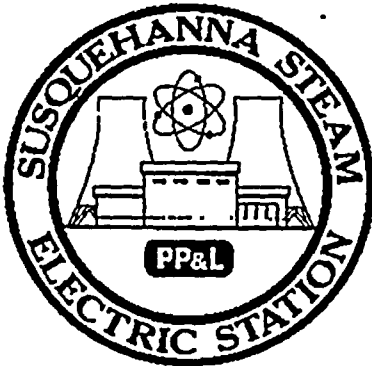
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
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12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

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.

OPERATING DATA REPORT



DOCKET NO.: 50-387
 DATE: 11-05-93
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: October 1993
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1078
7. Maximum Dependable Capacity (Net MWe): 1040
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: None

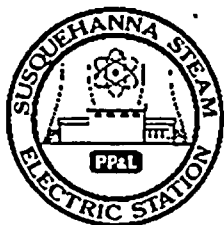
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>91,177</u>
12. Number of Hrs Reactor Was Critical	<u>0</u>	<u>5,275.4</u>	<u>70,948.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>0</u>	<u>5,206.1</u>	<u>69,505.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>0</u>	<u>16,688,853</u>	<u>218,486,518</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>5,428,454</u>	<u>71,374,334</u>
18. Net Electric Energy Generated (MWH)	<u>-4896</u>	<u>5,217,385</u>	<u>68,583,174</u>
19. Unit Service Factor	<u>0</u>	<u>71.4</u>	<u>76.2</u>
20. Unit Availability Factor	<u>0</u>	<u>71.4</u>	<u>76.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>68.8</u>	<u>72.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>68.1</u>	<u>71.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>18.8</u>	<u>8.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each) <u>Refueling outage commenced on 9-25-93, duration 70 days.</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: December 3, 1993
26. Units In Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS



REPORT MONTH October 1993

DOCKET NO. 50-387
 UNIT NAME One
 DATE 11-05-93
 COMPLETED BY B. Ball
 TELEPHONE (717)542-3453

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
10	930925	S	745.0	C	4	NA	XX	ZZZ	Unit One was manually shutdown for its planned 7th Refuel Outage commencing 0045 hours September 25. Generator was taken off line at 0235 hours and Reactor manually scrammed at 0327 hours. Planned outage length is ten weeks. Estimated return to service date is December 3, 1993.

F: Forced
 S: Scheduled

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)

Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation from previous month
 5-Reduction
 9-Other

Exhibit G-Instructions for preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)
⁵
 Exhibit I-Same Source



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SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 11-05-93

Completed by B. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

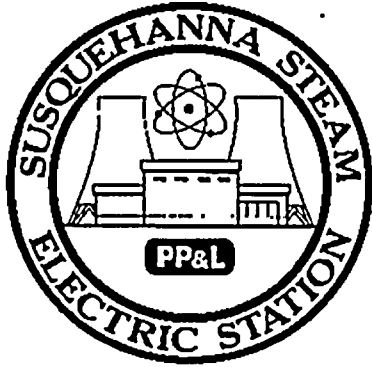
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 11-05-93

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH October 1993

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1054</u>
2	<u>1046</u>
3	<u>1050</u>
4	<u>1048</u>
5	<u>1054</u>
6	<u>1053</u>
7	<u>1045</u>
8	<u>1040</u>
9	<u>1044</u>
10	<u>1057</u>
11	<u>1058</u>
12	<u>1054</u>
13	<u>1055</u>
14	<u>1056</u>
15	<u>1051</u>
16	<u>1048</u>

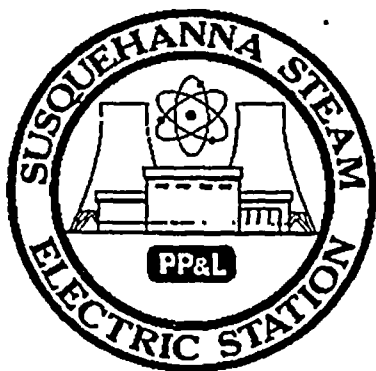
DAY AVERAGE DAILY POWER LEVEL
(Mwe-Net)

17	<u>1041</u>
18	<u>1046</u>
19	<u>1054</u>
20	<u>1049</u>
21	<u>1045</u>
22	<u>1054</u>
23	<u>1054</u>
24	<u>1046</u>
25	<u>1050</u>
26	<u>1049</u>
27	<u>1049</u>
28	<u>1055</u>
29	<u>1052</u>
30	<u>1054</u>
31	<u>1058</u>

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.

OPERATING DATA REPORT



DOCKET NO. 50-388
 DATE: 11-05-93
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: October 1993
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1082
7. Maximum Dependable Capacity (Net MWe): 1044
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: N/A

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

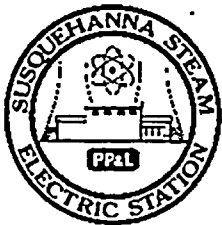
	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7,296</u>	<u>76,416</u>
12. Number of Hrs Reactor Was Critical	<u>745</u>	<u>7,171.9</u>	<u>64,409.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>745</u>	<u>7,110.1</u>	<u>63227.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,459,689</u>	<u>23,132,293</u>	<u>201,124,752</u>
17. Gross Electrical Energy Generated (MWH)	<u>810,308</u>	<u>7,603,773</u>	<u>65,969,507</u>
18. Net Electric Energy Generated (MWH)	<u>782,704</u>	<u>7,342,337</u>	<u>63,509,651</u>
19. Unit Service Factor	<u>100</u>	<u>97.5</u>	<u>82.7</u>
20. Unit Availability Factor	<u>100</u>	<u>97.5</u>	<u>82.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.6</u>	<u>96.4</u>	<u>79.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>100.1</u>	<u>95.8</u>	<u>79.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.6</u>	<u>5.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)
Turbine Instrumentation outage scheduled for 2/26/94, duration 13 days. Refueling outage scheduled to commence on 3/12/94 with an estimated duration of 70 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 October 1993

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 11-05-93
 COMPLETED BY B. Ball
 TELEPHONE (717) 542-3453

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
NO REPORT REQUIRED FOR OCTOBER, 1993									

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: 11-05-93

Completed by B. Ball Telephone: (717) 542-3453

Challenges to Main Steam Safety Relief Valves

None.

Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

