

PRIORITY 1
(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9408240155 DOC.DATE: 94/07/31 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 Jul 1994 for Susquehanna Steam Electric Station Units 1 & 2.W/940815 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: 05000387

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD1-2 PD	1 1	POSLUSNY, C	1 1
INTERNAL:	ACRS	10 10	AEOD/SPD/RRAB	1 1
	NRR/DORS/OEAB	1 1	NRR/DRIL/RPEB	1 1
	<u>REG FILE</u> 01	1 1	RGN1	1 1
EXTERNAL:	EG&G BRYCE, J.H	1 1	NOAC	1 1
	NRC PDR	1 1		
NOTES:		1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL
 DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM
 DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 21 ENCL 21

P
R
I
O
R
I
T
Y

1

D
O
C
U
M
E
N
T



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram
Senior Vice President—Nuclear
610/774-7502
Fax: 610/774-5019

AUG 15 1994

Submitted pursuant to
Technical Specifications
Section 6.9.1.6

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

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
PLA-4189 FILE R41-2A

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

The July 1994 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,




R. G. Byram

Attachment

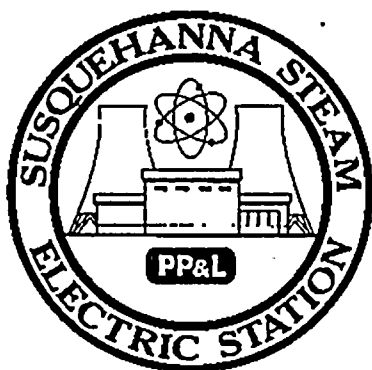
cc: NRC Region I
Mr. D. Mannai, NRC Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

220057

9408240155 940731
PDR ADCK 05000387
R PDR



AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387

UNIT: One

DATE: 08-05-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH July 1994

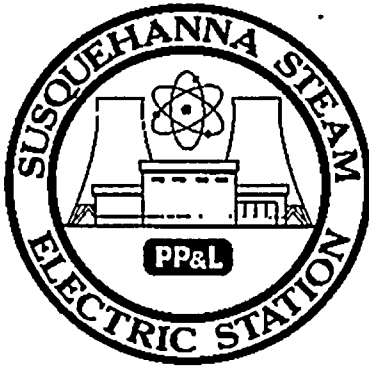
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1027</u>
2	<u>1023</u>
3	<u>1025</u>
4	<u>1025</u>
5	<u>1022</u>
6	<u>1016</u>
7	<u>1019</u>
8	<u>960</u>
9	<u>850</u>
10	<u>1022</u>
11	<u>1031</u>
12	<u>1028</u>
13	<u>1020</u>
14	<u>1021</u>
15	<u>1018</u>
16	<u>1022</u>

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
17	<u>1023</u>
18	<u>1023</u>
19	<u>1019</u>
20	<u>1014</u>
21	<u>1015</u>
22	<u>1018</u>
23	<u>1020</u>
24	<u>1019</u>
25	<u>1023</u>
26	<u>1022</u>
27	<u>1028</u>
28	<u>1028</u>
29	<u>1024</u>
30	<u>1021</u>
31	<u>1023</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: 08-05-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: July 1994
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

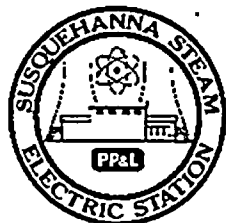
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,087</u>	<u>97,728</u>
12. Number of Hrs Reactor Was Critical	<u>744</u>	<u>4,619.4</u>	<u>75,567.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,032</u>
14. Hours Generator On-Line	<u>744</u>	<u>4,576.6</u>	<u>74,081.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,436,989</u>	<u>14,727,215</u>	<u>233,213,733</u>
17. Gross Electrical Energy Generated (MWH)	<u>782,726</u>	<u>4,775,506</u>	<u>76,149,840</u>
18. Net Electric Energy Generated (MWH)	<u>754,748</u>	<u>4,597,427</u>	<u>73,159,935</u>
19. Unit Service Factor	<u>100.0</u>	<u>90.0</u>	<u>75.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>90.0</u>	<u>75.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.5</u>	<u>86.9</u>	<u>72.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.6</u>	<u>86.1</u>	<u>71.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>8.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)	<u>None.</u>		

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 July 1994

DOCKET NO. 50-387
 UNIT NAME One
 DATE 08-05-94
 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
6	940708	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 reduced power to 60% at 2150 hours July 07 to perform a Control Rod Sequence exchange and clean the Circulating Water "D" Condenser waterbox. The Unit returned to 100% power at 2200 hours July 9.

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

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 08-05-94

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

Challenges to Main Steam Safety Relief Valves

None.

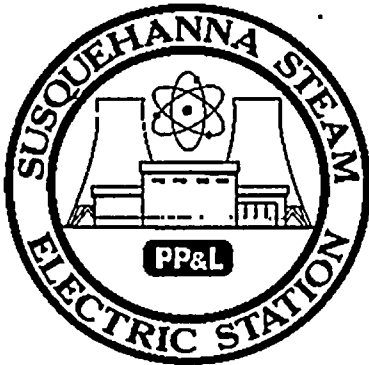
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 08-05-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH July 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1097</u>	17	<u>1091</u>
2	<u>1093</u>	18	<u>1088</u>
3	<u>1093</u>	19	<u>1088</u>
4	<u>1091</u>	20	<u>1083</u>
5	<u>1087</u>	21	<u>1083</u>
6	<u>1086</u>	22	<u>1087</u>
7	<u>1086</u>	23	<u>1089</u>
8	<u>1078</u>	24	<u>1088</u>
9	<u>1082</u>	25	<u>1093</u>
10	<u>1090</u>	26	<u>1092</u>
11	<u>1097</u>	27	<u>1097</u>
12	<u>1097</u>	28	<u>1098</u>
13	<u>1090</u>	29	<u>1094</u>
14	<u>1090</u>	30	<u>1091</u>
15	<u>1088</u>	31	<u>1091</u>
16	<u>1091</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.

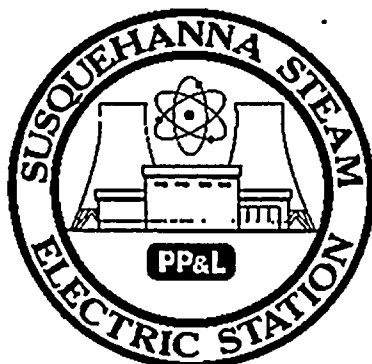


10

11

12

OPERATING DATA REPORT



DOCKET NO. 50-388
 DATE: 08-05-94
 COMPLETED BY: B. Ball
 TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: July 1994
3. Licensed Thermal Power(MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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

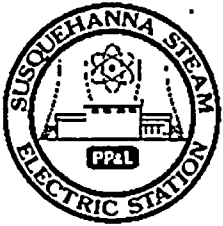
	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,087</u>	<u>82,967</u>
12. Number of Hrs Reactor Was Critical	<u>744</u>	<u>3000.8</u>	<u>68,513.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>717.9</u>
14. Hours Generator On-Line	<u>744</u>	<u>2906.0</u>	<u>67,117.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated(MWH)	<u>2,446,455</u>	<u>9,071,427</u>	<u>213,399,057</u>
17. Gross Electrical Energy Generated (MWH)	<u>839,049</u>	<u>3,007,899</u>	<u>70,017,666</u>
18. Net Electric Energy Generated (MWH)	<u>810,907</u>	<u>2,877,389</u>	<u>67,382,565</u>
19. Unit Service Factor	<u>100.0</u>	<u>57.1</u>	<u>80.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>57.1</u>	<u>80.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.6</u>	<u>53.2</u>	<u>77.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.1</u>	<u>52.9</u>	<u>77.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.9</u>	<u>5.6</u>

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): _____

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS



REPORT MONTH July 1994

DOCKET NO. 50-388
 UNIT NAME Two
 DATE 08-05-94
 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 this month.

3

F: Forced
 S: Scheduled

4

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

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-388 Date: 08-05-94

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.