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50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva 05000388
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BYRAM,R.G. Pennsylvania Power & Light Co.
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SUBJECT: Monthly operating repts for May 1994 for Susquehanna Steam Electric Station Units 1 & 2.W/940615 ltr.

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610/774-7502
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Submitted pursuant to Technical Specifications Section 6.9.1.6

JUN 15 1994

U.S. Nuclear Regulatory Commission
Attn.: Document Control Desk
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SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS **Docket Nos. 50-387/NPF-14**
PLA-4155 FILE R41-2A **and 50-388/NPF-22**

The May 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. G. S. Barber, NRC Resident Inspector
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

IE24
1/1

JUN 15 1984

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-387
UNIT: One
DATE: 06-08-94
COMPLETED BY: B. Ball
TELEPHONE: (717)542-3453

MONTH May 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	1042	17	1047
2	1052	18	1046
3	1050	19	1045
4	1048	20	1043
5	1045	21	1039
6	1047	22	1032
7	1047	23	1032
8	1045	24	1035
9	961	25	1033
10	830	26	1033
11	995	27	1043
12	1043	28	1038
13	1045	29	1037
14	726	30	1030
15	1037	31	1026
16	1039		

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: 06-08-94
COMPLETED BY: B. Ball
TELEPHONE: (717)542-3453

Notes

OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (Unit 1)
2. Reporting Period: May 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	744	3,623	96,264
12. Number of Hrs Reactor Was Critical	744	3,155.4	74,103.9
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	744	3,112.6	72,617.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated(MWH)	2,405,053	9,918,603	228,405,121
17. Gross Electrical Energy Generated (MWH)	785,474	3,227,746	74,602,080
18. Net Electric Energy Generated (MWH)	758,685	3,105,112	71,667,620
19. Unit Service Factor	100.0	85.9	75.4
20. Unit Availability Factor	100.0	85.9	75.4
21. Unit Capacity Factor (Using MDC Net)	98.1	82.4	71.6
22. Unit Capacity Factor (Using DER Net)	97.1	81.6	70.9
23. Unit Forced Outage Rate	0	0	8.2

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 May 1994

DOCKET NO. 50-387
UNIT NAME One
DATE 05-05-94
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
4	940509	F	0.0	A	5	N/A	JK	ZZZ	Unit 1 reduced power to 80% at 1500 hours May 9 to remove a Reactor Feed Pump from service. Repairs were made to the Reactor Feed Pump Turbine trip logic and the ramp back to 100% power commenced at 0230 hours May 11. The Unit returned to 100% power at 1305 hours May 11.
5	940513	S	0.0	B	5	N/A	XX	ZZZ	Unit 1 reduced power to as low as 38% at 2155 hours May 13 to perform a Control Rod Sequence exchange and Reactor Recirc MG Set Brush changeout. The Unit returned to 100% power at 0210 hours May 15.

F: Forced
S: Scheduled

[3]
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative

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

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

[5]

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number 50-387 Date: 06-08-94

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

Challenges to Main Steam Safety Relief Valves

None.

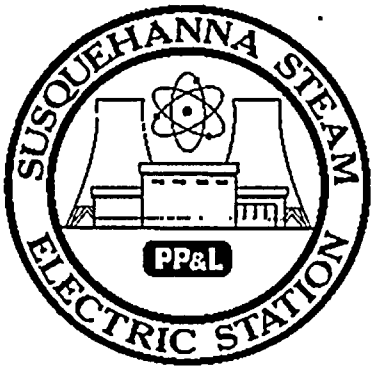
Changes to the Offsite Dose Calculation Manual

None.

Major Changes to Radioactive Waste Treatment Systems

None.

AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO.: 50-388

UNIT: Two

DATE: 06-08-94

COMPLETED BY: B. Ball

TELEPHONE: (717)542-3453

MONTH May 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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: 05-05-94
COMPLETED BY: B. Ball
TELEPHONE: (717)542-3453

Notes

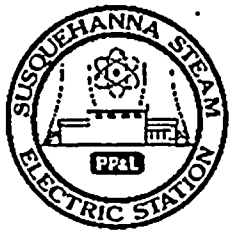
OPERATING STATUS
1. Unit Name: Susquehanna Steam Electric Station (Unit 2)
2. Reporting Period: May 1994
3. Licensed Thermal Power(MWt): 3293
4. Nameplate Rating (Gross MWe): 1152
5. Design Electrical Rating (Net MWe): 1050
6. Maximum Dependable Capacity (Gross MWe): 1082
7. Maximum Dependable Capacity (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	744	3,623	81,503
12. Number of Hrs Reactor Was Critical	0	1711.1	67,224.2
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	0	1692.3	65,904.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated(MWH)	0	5,350,707	209,678,337
17. Gross Electrical Energy Generated (MWH)	0	1,764,758	68,774,525
18. Net Electric Energy Generated (MWH)	-9,823	1,682,450	66,187,626
19. Unit Service Factor	0.0	46.7	80.9
20. Unit Availability Factor	0.0	46.7	80.9
21. Unit Capacity Factor (Using MDC Net)	N/A	44.5	77.8
22. Unit Capacity Factor (Using DER Net)	N/A	44.2	77.3
23. Unit Forced Outage Rate	0	3.0	5.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each)
Unit 2 6RIO commenced on 3/14/94.

25. If Shut Down At End of Report Period, Estimated Date of Startup: 6/10/94
26. Units In Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1994

DOCKET NO. 50-388
UNIT NAME Two
DATE 06-08-94
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
5	940314	S	744	C	4	N/A	XX	ZZZ	Unit 2 was manually shutdown for its planned sixth refuel and inspection outage commencing at 0837 hours March 14. The generator was taken offline at 1604 hours March 14 and a manual Reactor scram was inititated at 1650 hours March 14. The estimated return to service is June 10, 1994.

1 2 3 4

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 50-388 Date: 06-08-94

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.