

Richard L. Anderson
Vice President - Nuclear Operations

PPL Susquehanna, LLC
769 Salem Boulevard
Berwick, PA 18603
Tel. 570.542.3883 Fax 570.542.1504
RLAnderson@pplweb.com



February 13, 2004

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station OPI-17
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22
PLA- 005725

The January 2004 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

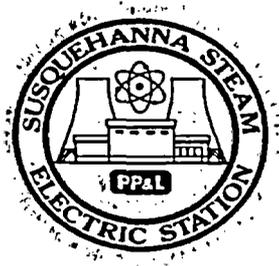
Richard L. Anderson

JJH/cmm

cc: NRC Region 1
NRC Sr. Resident Inspector, Mr. S. Hansell
NRC Project Manager, Mr. R V. Guzman

JEZ

OPERATING DATA REPORT



| | |
|--------------|----------------|
| DOCKET NO. | 50-387 |
| UNIT | One |
| DATE | 02/13/2004 |
| COMPLETED BY | J. J. Hennings |
| TELEPHONE | (570) 542-3747 |

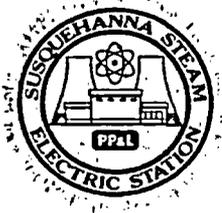
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: January 2004
3. Design Electrical Rating (Net MWe): 1115
4. Maximum Dependable Capacity (Net MWe): 1105

| | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|-------------|
| 5. Hours in Reporting Period | 744 | 744 | 181,033 |
| 6. Number of Hours Reactor Was Critical | 744 | 744 | 151,228.8 |
| 7. Hours Generator On-Line | 744 | 744 | 148,983.5 |
| 8. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 9. Net Electrical Energy Generated (MWH) | 779,897 | 779,897 | 153,393,335 |

NOTES:

UNIT SHUTDOWNS



| | |
|--------------|----------------|
| DOCKET NO. | 50-387 |
| UNIT | One |
| DATE | 02/13/04 |
| COMPLETED BY | J. J. Hennings |
| TELEPHONE | (570) 542-3747 |

REPORT MONTH January 2004

| No. | Date | Type ₁ | Duration (Hours) | Reason ₂ | Method of Shutting Down Reactor ₃ | Cause & Corrective Action To Prevent Recurrence |
|-----|------|----------------------|---------------------|------------------------|--|--|
| | | | | | | No shutdowns this month. |

Summary: There were no unplanned power reductions greater than 20% this month. The only significant planned reduction was from 96% power to 75% power on January 10 for Control Rod Testing and HCU Maintenance. Full power was achieved on January 11, 2004.

End-of-cycle coastdown began January 1, 2004.

1.
F. Forced
S. Scheduled

2.
Reason:
A – Equipment Failure (Explain)
B – Maintenance or Test
C – Refueling
D – Regulatory Restriction

E – Operator Training & Licensee Exam
F – Administrative
G – Operational Error (Explain)

3.
Method:
1 – Manual
2 – Manual Scram
3 – Automatic Scram
4 – Continuation from
previous month
5 – Other

SUSQUEHANNA STEAM ELECTRIC STATION

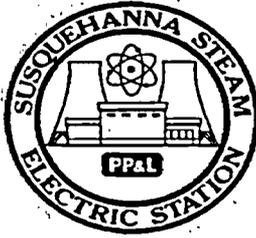
Docket Number: 50-388
Completed by: J. J. Hennings

Date: 02/13/2004
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



DOCKET NO. 50-388
UNIT Two
DATE 02/13/04
COMPLETED BY J. J. Hennings
TELEPHONE (570) 542-3747

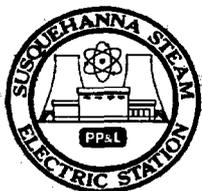
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: January 2004
3. Design Electrical Rating (Net MWe): 1182
4. Maximum Dependable Capacity (Net MWe): 1140

| | <u>This Month</u> | <u>Yr.-to-Date</u> | <u>Cumulative</u> |
|--|-------------------|--------------------|--------------------|
| 5. Hours in Reporting Period | <u>744</u> | <u>744</u> | <u>166,273</u> |
| 6. Number of Hours Reactor Was Critical | <u>744</u> | <u>744</u> | <u>144,639.8</u> |
| 7. Hours Generator On-Line | <u>744</u> | <u>744</u> | <u>142,652.6</u> |
| 8. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. Net Electrical Energy Generated (MWH) | <u>833,588</u> | <u>833,588</u> | <u>149,599,239</u> |

NOTES:

UNIT SHUTDOWNS



| | |
|--------------|----------------|
| DOCKET NO. | 50-388 |
| UNIT | Two |
| DATE | 02/13/04 |
| COMPLETED BY | J. J. Hennings |
| TELEPHONE | (570) 542-3747 |

REPORT MONTH January 2004

| No. | Date | Type <small>1</small> | Duration (Hours) | Reason <small>2</small> | Method of Shutting Down Reactor <small>3</small> | Cause & Corrective Action to Prevent Recurrence |
|-----|------|--------------------------|---------------------|----------------------------|--|--|
| | | | | | | No shutdowns this month. |

Summary: There were no power reductions greater than 20% this month.

1.

F. Forced
S. Scheduled

2.

Reason:

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction

- E - Operator Training & Licensee Exam
- F - Administrative
- G - Operational Error (Explain)

3.

Method:

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation from
previous month
- 5 - Other

SUSQUEHANNA STEAM ELECTRIC STATION

Docket Number: 50-387
Completed by: J. J. Hennings

Date: 02/13/04
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.