

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



August 13, 2003

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station OP1-17
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MONTHLY OPERATING REPORTS
Docket Nos. 50-387/NPF-14 and 50-388/NPF-22
PLA-005666

The July 2003 Monthly Operating Reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard L. Anderson", is written over a horizontal line.

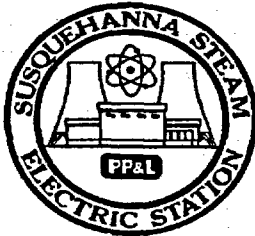
Richard L. Anderson

JJH/cmm

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

IE24

OPERATING DATA REPORT



| | |
|--------------|----------------|
| DOCKET NO. | 50-387 |
| UNIT | One |
| DATE | 08/13/2003 |
| COMPLETED BY | J. J. Hennings |
| TELEPHONE | (570) 542-3747 |

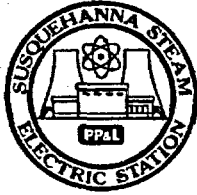
OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: July 2003
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 | <u>744</u> | <u>5,087</u> | <u>176,616</u> |
| 6. Number of Hours Reactor Was Critical | <u>744</u> | <u>5,087</u> | <u>146,951.5</u> |
| 7. Hours Generator On-Line | <u>744</u> | <u>5,071.7</u> | <u>144,725.5</u> |
| 8. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. Net Electrical Energy Generated (MWH) | <u>811,667</u> | <u>5,548,780</u> | <u>148,802,309</u> |

NOTES:

UNIT SHUTDOWNS



| | |
|--------------|-----------------------|
| DOCKET NO. | <u>50-387</u> |
| UNIT | <u>One</u> |
| DATE | <u>8/13/2003</u> |
| COMPLETED BY | <u>J. J. Hennings</u> |
| TELEPHONE | <u>(570) 542-3747</u> |

REPORT MONTH July 2003

| 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 significant power reductions in the month of July.

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

Date: 8/13/2003

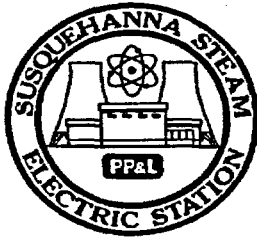
Completed by: J. J. Hennings

Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.

OPERATING DATA REPORT



| | |
|--------------|----------------|
| DOCKET NO. | 50-388 |
| UNIT | Two |
| DATE | 8/13/03 |
| COMPLETED BY | J. J. Hennings |
| TELEPHONE | (570) 542-3747 |

OPERATING STATUS

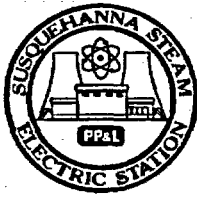
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: July 2003
3. Design Electrical Rating (Net MWe): 1182*
4. Maximum Dependable Capacity (Net MWe): 1140*

| | This Month | Yr.-to-Date | Cumulative |
|--|----------------|------------------|--------------------|
| 5. Hours in Reporting Period | <u>744</u> | <u>5,087</u> | <u>161,856</u> |
| 6. Number of Hours Reactor Was Critical | <u>744</u> | <u>4,073.4</u> | <u>140,222.8</u> |
| 7. Hours Generator On-Line | <u>744</u> | <u>4,028.9</u> | <u>138,235.6</u> |
| 8. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. Net Electrical Energy Generated (MWH) | <u>844,670</u> | <u>4,424,836</u> | <u>144,535,830</u> |

NOTES:

During the U2 11th Refueling Outage, the Main Turbine was replaced with a newly designed HP and three LP turbines. The Design Rating and Maximum Dependable Capacity rating changed following the analysis of the official Performance/Acceptance Test performed in early June. Maximum Dependable Capacity rating is now 1140 MWe Net. The Design Electrical Rating of 1182 MWe Net is the nominal value identified in the FSAR (1220 MWe Gross) and corresponds closely to the Winter Production Rating.

UNIT SHUTDOWNS



DOCKET NO. 50-388
 UNIT Two
 DATE 8/13/2003
 COMPLETED BY J. J. Hennings
 TELEPHONE (570) 542-3747

REPORT MONTH July 2003

| 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 significant power changes in July.

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: 08/13/2003
Telephone: (570) 542-3747

Challenges to Main Steam Safety Relief Valves

None.