

# CATEGORY 1

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50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania      05000388  
AUTH. NAME      AUTHOR AFFILIATION  
MATTER, R.S.      Pennsylvania Power & Light Co.  
KUCZNYSKI, G.J.      Pennsylvania Power & Light Co.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1997 for SSES.W/970711 ltr.

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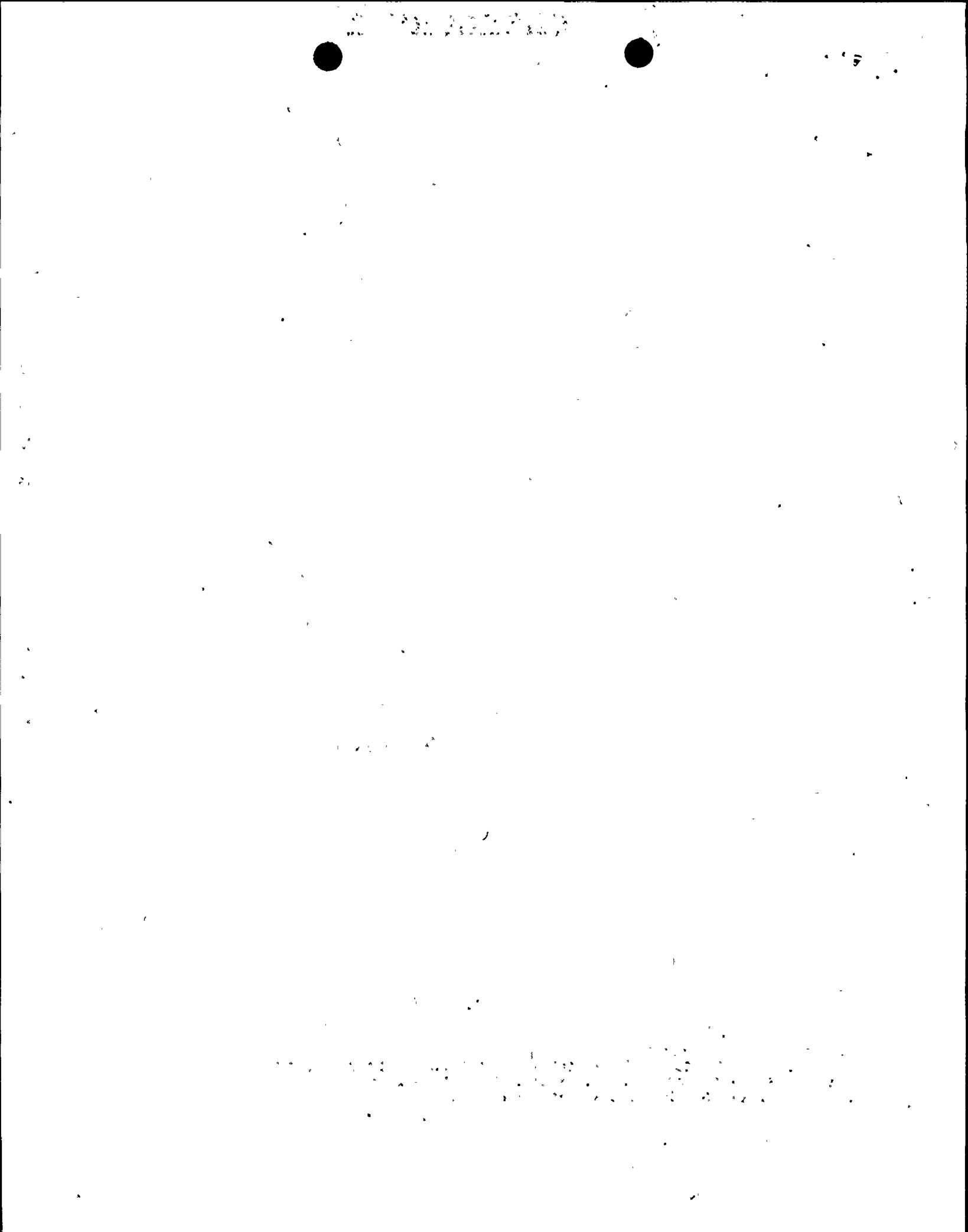
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SUSQUEHANNA STEAM ELECTRIC STATION  
P.O. BOX 467  
Berwick, PA 18603

George J. Kuczynski  
General Manager - Susquehanna SES  
(717) 542-3120  
Fax: (717) 542-1949

July 11, 1997

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

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  
and 50-388/NPF-22  
PLAS - 7.14 FILE R41-2A

The June 1997 monthly operating reports for Susquehanna SES Units 1 and 2  
are attached.

Very truly yours,

  
G. J. Kuczynski

*Te 24 1/1*

/cmm

Attachment

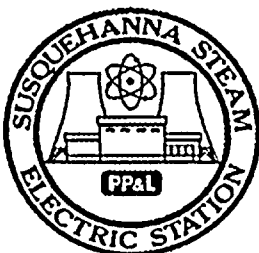
copy: NRC Region 1  
Mr. K. Jenison, NRC Sr. Resident Inspector  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

9707180159 970630  
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R PDR





# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
 UNIT One  
 DATE 07-08-97  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

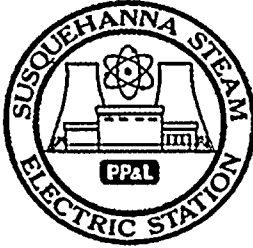
MONTH June 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1095</u>	17.	<u>1102</u>
2.	<u>1105</u>	18.	<u>1097</u>
3.	<u>1111</u>	19.	<u>1095</u>
4.	<u>1107</u>	20.	<u>1094</u>
5.	<u>1105</u>	21.	<u>1085</u>
6.	<u>1105</u>	22.	<u>1088</u>
7.	<u>1109</u>	23.	<u>1096</u>
8.	<u>1107</u>	24.	<u>1094</u>
9.	<u>1103</u>	25.	<u>1083</u>
10.	<u>1098</u>	26.	<u>1089</u>
11.	<u>1096</u>	27.	<u>1096</u>
12.	<u>1096</u>	28.	<u>1097</u>
13.	<u>1097</u>	29.	<u>1095</u>
14.	<u>1102</u>	30.	<u>1095</u>
15.	<u>1106</u>	31.	<u>          </u>
16.	<u>1103</u>		

**INSTRUCTION:**

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  
 UNIT One  
 DATE 07/08/97  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

## NOTES

### OPERATING STATUS

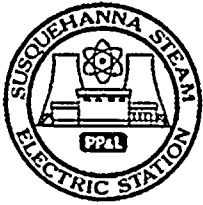
1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: June 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1165
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1128
7. Maximum Dependable Capacity (Net MWe): 1090
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	720	4,343	123,288
12. Number of Hours Reactor Was Critical	720	3,999.0	97,960.8
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	720	3858.0	96,176.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,474,042	13,160,345	306,795,926
17. Gross Electrical Energy Generated (MWH)	818,616	4,404,599	100,279,793
18. Net Electrical Energy Generated (MWH)	790,828	4,243,046	96,398,541
19. Unit Service Factor	100.0	88.8	78.0
20. Unit Availability Factor	100.0	88.8	78.0
21. Unit Capacity Factor (Using MDC Net)	100.8	89.6	74.6
22. Unit Capacity Factor (Using DER Net)	99.9	88.8	73.9
23. Unit Forced Outage Rate	0	11.2	7.0
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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



DOCKET NO. 50-387  
 UNIT One  
 DATE 07/08/97  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH June 1997

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
No report required this month.									

- |  |  |   |  |                                      |
|--|--|---|--|--------------------------------------|
| <b>1.</b><br>F. Forced<br>S. Scheduled | <b>2.</b><br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training & License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) | <b>3.</b><br>Method:<br>1- Manual<br>2- Manual Scram<br>3- Automatic Scram<br>4- Continuation from previous month<br>5- Reduction<br>9- Other | <b>4.</b><br>Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161) | <b>5.</b><br>Exhibit I - Same Source |
|--|--|---|--|--------------------------------------|

**SUSQUEHANNA STEAM ELECTRIC STATION**

Docket Number: 50-387

Date: 07/08/97

Completed by: R. S. Mattern

Telephone: (717) 542-3453

**Challenges to Main Steam Safety Relief Valves**

None.

**Changes to the Offsite Dose Calculation Manual**

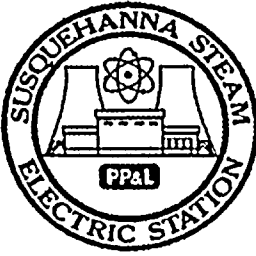
None.

**Major Changes to Radioactive Waste Treatment System**

None.



# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388  
UNIT Two  
DATE 07/08/97  
COMPLETED BY R. S. Mattern  
TELEPHONE (717) 542-3453

MONTH June 1997

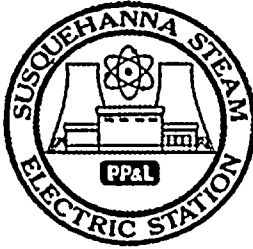
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1094</u>
2.	<u>1100</u>
3.	<u>1106</u>
4.	<u>1102</u>
5.	<u>1101</u>
6.	<u>1100</u>
7.	<u>1103</u>
8.	<u>1102</u>
9.	<u>1099</u>
10.	<u>1096</u>
11.	<u>1096</u>
12.	<u>1090</u>
13.	<u>1088</u>
14.	<u>1098</u>
15.	<u>1102</u>
16.	<u>1096</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17.	<u>1098</u>
18.	<u>1093</u>
19.	<u>1091</u>
20.	<u>1089</u>
21.	<u>1082</u>
22.	<u>1085</u>
23.	<u>1091</u>
24.	<u>1091</u>
25.	<u>1080</u>
26.	<u>1085</u>
27.	<u>1094</u>
28.	<u>1093</u>
29.	<u>1092</u>
30.	<u>1092</u>
31.	<u>          </u>

## INSTRUCTION:

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  
 UNIT Two  
 DATE 07/08/97  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

OPERATING STATUS

NOTES:

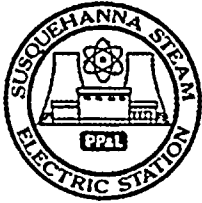
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: June 1997
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
8. If changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:  
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	720	4,343	108,527
12. Number of Hours Reactor Was Critical	720	3,043.2	91,401.2
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	720	2,983.3	89,813.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,449,904	9,689,329	291,136,384
17. Gross Electrical Energy Generated (MWH)	815,637	3,237,553	95,361,465
18. Net Electrical Energy Generated (MWH)	787,881	3,108,697	91,829,513
19. Unit Service Factor	100.0	68.7	82.8
20. Unit Availability Factor	100.0	68.7	82.8
21. Unit Capacity Factor (Using MDC Net)	100.0	65.4	80.0
22. Unit Capacity Factor (Using DER Net)	99.5	65.1	79.6
23. Unit Forced Outage Rate	0	0	4.8
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

11. If Shut Down at End of Report Period, Estimated Date of Startup: \_\_\_\_\_
12. Units in Test Status (Prior to Commercial Operation):
 

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**



DOCKET NO. 50-388  
 UNIT Two  
 DATE 07/08/97  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH June 1997

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No report required this month.

- |                                      |   |  |   |                                   |
|--------------------------------------|---|--|---|-----------------------------------|
| <p>1. F. Forced<br/>S. Scheduled</p> | <p>2. Reason:<br/>A - Equipment Failure (Explain)<br/>B - Maintenance or Test<br/>C - Refueling<br/>D - Regulatory Restriction<br/>E - Operator Training &amp; License Examination<br/>F - Administrative<br/>G - Operational Error (Explain)<br/>H - Other (Explain)</p> | <p>3. Method:<br/>1- Manual<br/>2- Manual Scram<br/>3- Automatic Scram<br/>4- Continuation from previous month<br/>5- Reduction<br/>9- Other</p> | <p>4. Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)</p> | <p>5. Exhibit I - Same Source</p> |
|--------------------------------------|---|--|---|-----------------------------------|

**SUSQUEHANNA STEAM ELECTRIC STATION**

**Docket Number: 50-388**

**Date: 07/08/97**

**Completed by: R. S. Mattern**

**Telephone: (717) 542-35453**

**Challenges to Main Steam Safety Relief Valves**

**None.**

**Changes to the Offsite Dose Calculation Manual**

**Yes. See Attachment A for changes.**

**Major Changes to Radioactive Waste Treatment System**

**None.**