

# CATEGORY 1

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ACCESSION NBR: 9605210003      DOC. DATE: ~~96/04/30~~ NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylva      05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylva      05000388  
 AUTH. NAME      AUTHOR AFFILIATION  
 MATTERN, R.S.      Pennsylvania Power & Light Co.  
 BYRAM, R.G.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1996 for Susquehanna Steam Electric Station. w/960515 ltr.

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

NOTES:

05000387

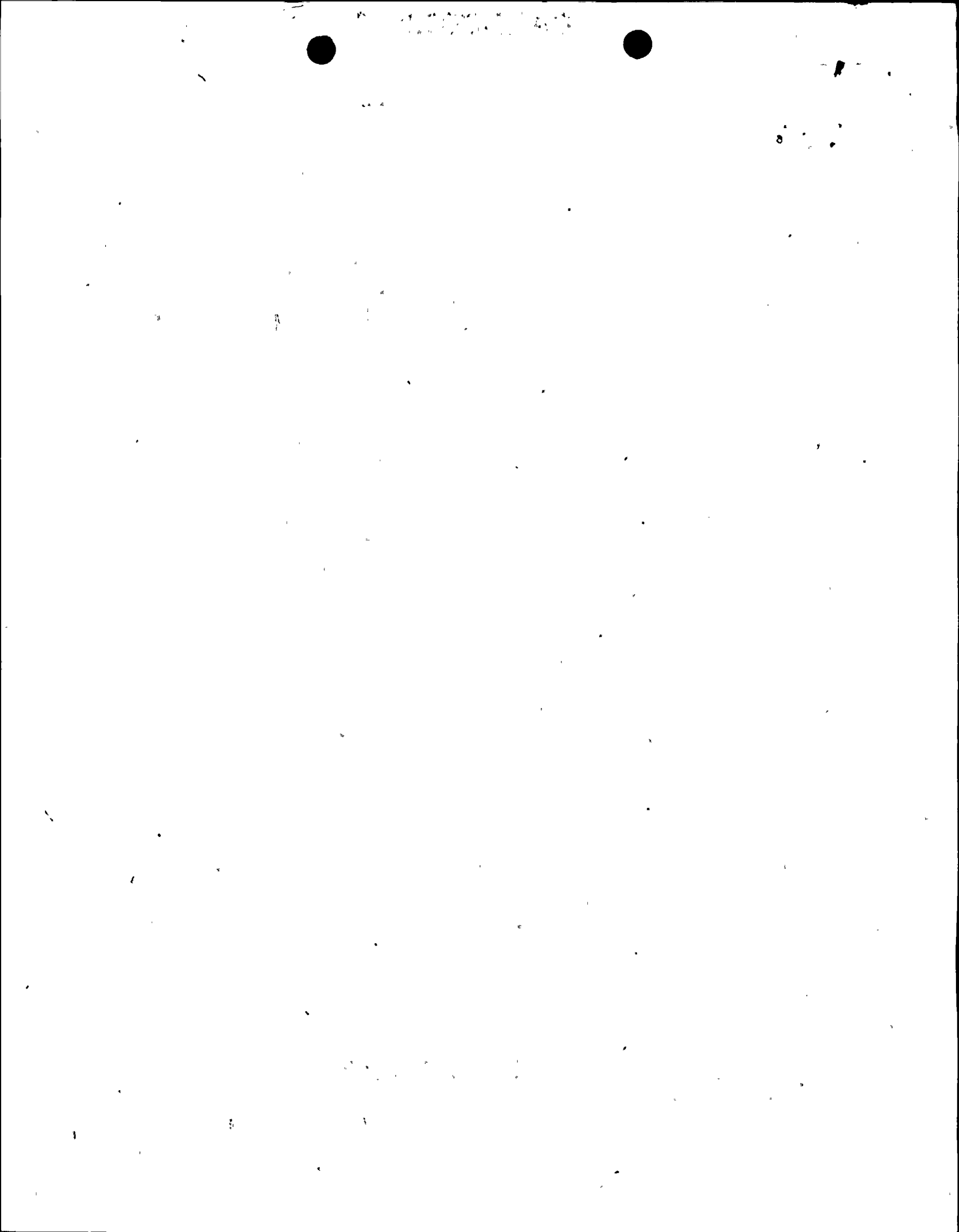
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**Pennsylvania Power & Light Company**

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

MAY 15 1996

Submitted pursuant to  
Technical Specifications  
Section 6.9.1.6

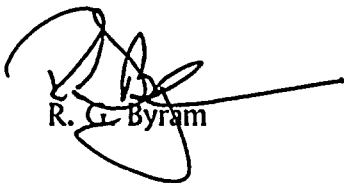
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SUSQUEHANNA STEAM ELECTRIC STATION  
MONTHLY OPERATING REPORTS  
PLA-4463 FILE R41-2A

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

The April 1996 monthly operating reports for Susquehanna SES Units 1 and 2 are attached.

Very truly yours,



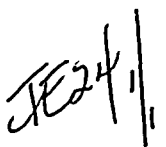
R. G. Byram

Attachment

copy: NRC Region I  
Ms. M. Banerjee, NRC Sr. Resident Inspector  
Mr. C. Poslusny, Jr., NRC Sr. Project Manager

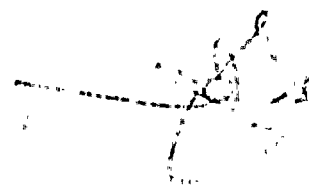
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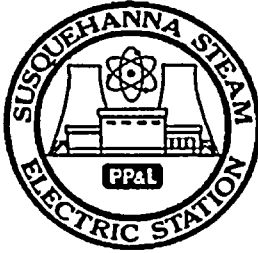


1944



1944

# AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-387  
UNIT One  
DATE 05-07-96  
COMPLETED BY R. S. Mattern  
TELEPHONE (717) 542-3453

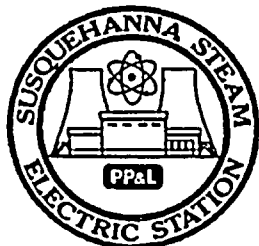
MONTH April 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	<u>1106</u>	17.	<u>1107</u>
2.	<u>1108</u>	18.	<u>1104</u>
3.	<u>1106</u>	19.	<u>1099</u>
4.	<u>1106</u>	20.	<u>1093</u>
5.	<u>1107</u>	21.	<u>1094</u>
6.	<u>1106</u>	22.	<u>1092</u>
7.	<u>1107</u>	23.	<u>1089</u>
8.	<u>1107</u>	24.	<u>1105</u>
9.	<u>1106</u>	25.	<u>1100</u>
10.	<u>1107</u>	26.	<u>1196</u>
11.	<u>1102</u>	27.	<u>1105</u>
12.	<u>1098</u>	28.	<u>1101</u>
13.	<u>1094</u>	29.	<u>1097</u>
14.	<u>1106</u>	30.	<u>1094</u>
15.	<u>1106</u>	31.	<u>          </u>
16.	<u>1105</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 05/07/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

## NOTES

### OPERATING STATUS

1. Unit Name: Susquehanna Steam Electric Station (U1)
2. Reporting Period: April 1996
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

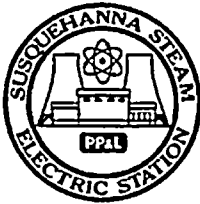
	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	719	2,903	113,064
12. Number of Hours Reactor Was Critical	719	2,903	89,320.0
13. Reactor Reserve Shutdown Hours	0	0	1,032
14. Hours Generator On-Line	719	2,903	87,786.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,464,870	9,944,677	278,321,866
17. Gross Electrical Energy Generated (MWH)	820,895	3,318,750	91,140,116
18. Net Electrical Energy Generated (MWH)	792,161	3,203,313	87,605,916
19. Unit Service Factor	100.0	100.0	77.6
20. Unit Availability Factor	100.0	100.0	77.6
21. Unit Capacity Factor (Using MDC Net)	101.1	101.2	74.2
22. Unit Capacity Factor (Using DER Net)	100.2	100.3	73.5
23. Unit Forced Outage Rate	0	0	6.9

24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
9th Refuel Outage; start September 7, 1996; duration 36 days

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 05/03/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH April 1996

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.

1.  
F. Forced  
S. Scheduled

2.  
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)

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

4.  
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: 05/03/96**

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

**Telephone: (717) 542-3453**

**Challenges to Main Steam Safety Relief Valves**

**None.**

**Changes to the Offsite Dose Calculation Manual**

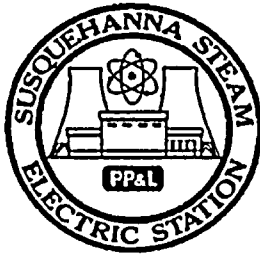
**None.**

**Major Changes to Radioactive Waste Treatment System**

**None.**



## AVERAGE DAILY UNIT POWER LEVEL



DOCKET NO. 50-388  
 UNIT Two  
 DATE 05/07/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

MONTH April 1996

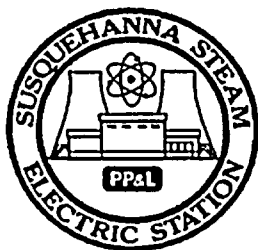
DAY	AVERAGE DAILY POWER LEVEL (MWe-Nct)
1.	1113
2.	1114
3.	1112
4.	1094
5.	937
6.	1112
7.	1115
8.	1118
9.	1118
10.	1117
11.	1112
12.	1104
13.	1108
14.	1113
15.	1113
16.	1111

DAY	AVERAGE DAILY POWER LEVEL (MWe-Nct)
17.	1112
18.	1110
19.	1104
20.	1099
21.	1103
22.	1100
23.	1098
24.	1111
25.	1106
26.	1105
27.	1112
28.	1111
29.	1106
30.	1105
31.	

**INSTRUCTION:**

On this format, list the average daily unit power level in MWe-Nct for each day in the reporting month. Compute to the nearest whole megawatt.

# OPERATING DATA REPORT



DOCKET NO. 50-388  
 UNIT Two  
 DATE 05/07/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

NOTES:

## OPERATING STATUS

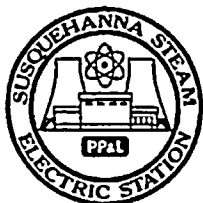
1. Unit Name: Susquehanna Steam Electric Station (U2)
2. Reporting Period: April 1996
3. Licensed Thermal Power (MWt): 3441
4. Nameplate Rating (Gross MWe): 1168
5. Design Electrical Rating (Net MWe): 1100
6. Maximum Dependable Capacity (Gross MWe): 1132
7. Maximum Dependable Capacity (Net MWe): 1094
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	719	2,903	98,303
12. Number of Hours Reactor Was Critical	719	2,903	82,866.6
13. Reactor Reserve Shutdown Hours	0	0	717.9
14. Hours Generator On-Line	719	2,903	81,386.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,451,110	9,916,217	263,002,103
17. Gross Electrical Energy Generated (MWH)	819,556	3,327,039	85,996,285
18. Net Electrical Energy Generated (MWH)	793,109	3,214,223	82,807,864
19. Unit Service Factor	100.0	100.0	82.8
20. Unit Availability Factor	100.0	100.0	82.8
21. Unit Capacity Factor (Using MDC Net)	100.8	101.2	80.0
22. Unit Capacity Factor (Using DER Net)	100.3	100.7	79.5
23. Unit Forced Outage Rate	0	0	4.7
24. Shut Down Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>NONE</u>			

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 05/07/96  
 COMPLETED BY R. S. Mattern  
 TELEPHONE (717) 542-3453

REPORT MONTH April 1996

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
2	960404	S	0.0	B	5	NA	XX	ZZZ	Unit 2 commenced a power reduction to as low as 69% power at 2150 hours April 4 to perform a control rod sequence exchange. Additional work during downpower included MSIV testing and control rod scram timing. The unit returned to 100% power at 0205 hours April 6.

1.  
F. Forced  
S. Scheduled

2.  
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)

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

4.  
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: 05/07/96

Completed by: R. S. Mattern

Telephone: (717) 542-35453

**Challenges to Main Steam Safety Relief Valves**

None.

**Changes to the Offsite Dose Calculation Manual**

None.

**Major Changes to Radioactive Waste Treatment System**

None.

