

50-387/388

**MANUAL HARD COPY DISTRIBUTION
DOCUMENT TRANSMITTAL 2003-45380**

USER INFORMATION:

~~Name: GERLACH ROSE M EMPL#: 28401 CA#: 0363
Address: NUCSA2
Phone#: 254-3194~~

TRANSMITTAL INFORMATION:

TO: ~~GERLACH ROSE M~~ 10/03/2003
LOCATION: USNRC
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER (NUCSA-2)
THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY OR ELECTRONIC MANUAL ASSIGNED TO YOU:

TRM2 - TECHNICAL REQUIREMENTS MANUAL UNIT 2

REMOVE MANUAL TABLE OF CONTENTS DATE: 09/27/2003

ADD MANUAL TABLE OF CONTENTS DATE: 10/02/2003

CATEGORY: DOCUMENTS TYPE: TRM2
ID: TEXT B3.11.2.5
REMOVE: REV:0

ADD: REV: 1

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT PROCEDURES. PLEASE MAKE ALL CHANGES AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS, ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

A001

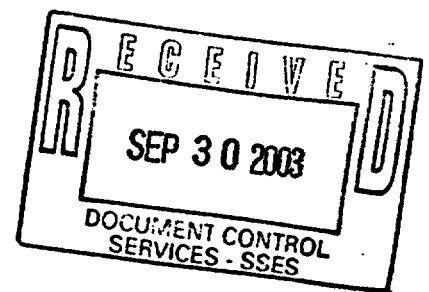
TRM

APPROVED AMENDMENT TO UNIT 2 TECHNICAL REQUIREMENTS MANUAL

EFFECTIVE DATE: 09/26/2003

Replace the following pages of the Technical Requirements Manual with the enclosed pages. The revised pages are identified by Effective Date and contain vertical lines indicating the area of change.

| REMOVE PAGES | INSERT PAGES | EFFECTIVE DATE |
|-----------------------------------|-----------------------------------|----------------|
| TRM / LOES-1 through TRM / LOES-6 | TRM / LOES-1 through TRM / LOES-6 | 09/26/2003 |
| TRM / B 3.11-22 | TRM / B 3.11-22 | 09/26/2003 |
| | | |



**SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)**

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|---|-----------------------|
| TOC | TABLE OF CONTENTS | 05/16/2003 |
| 1.0 | USE AND APPLICATION | |
| | Page TRM / 1.0-1 | 08/31/1998 |
| | Page TRM / 1.0-2 | 10/04/2002 |
| | Page TRM / 1.0-3 | 08/31/1998 |
| 2.0 | PLANT PROGRAMS | |
| | Page 2.0-1 | 08/31/1998 |
| | Pages TRM / 2.0-2 through TRM / 2.0-4 | 06/25/2002 |
| | Pages TRM / 2.0-5 through TRM / 2.0-7 | 04/12/1999 |
| | Page TRM / 2.0-8 | 08/30/2001 |
| | Page TRM / 2.0-9 | 09/06/2002 |
| | Pages TRM / 2.0-10 through TRM / 2.0-12 | 04/12/1999 |
| | Page TRM / 2.0-13 | 06/16/2000 |
| 3.0 | APPLICABILITY | |
| | Pages TRM / 3.0-1 and TRM / 3.0-2 | 04/08/1999 |
| | Page TRM / 3.0-3 | 03/15/2002 |
| | Page TRM / 3.0-4 | 04/08/1999 |
| 3.1 | REACTIVITY CONTROL SYSTEMS | |
| | Pages 3.1-1 through 3.1-6 | 08/31/1998 |
| | Pages TRM / 3.1-7 and TRM / 3.1-8 | 06/05/2002 |
| | Pages TRM / 3.1-9 and TRM / 3.1-9a | 02/18/1999 |
| | Page TRM / 3.1-10 | 02/18/1999 |
| 3.2 | CORE OPERATING LIMITS REPORT | |
| | Page 3.2-1 | 08/31/1998 |
| | Pages TRM / 3.2-2 through TRM / 3.2-35 | 07/28/2003 |
| 3.3 | INSTRUMENTATION | |
| | Pages TRM / 3.3-1 through TRM / 3.3-3 | 07/16/1999 |
| | Page TRM / 3.3-4 | 11/28/2000 |
| | Pages 3.3-5 through 3.3-8 | 08/31/1998 |
| | Pages TRM / 3.3-9 and TRM / 3.3-9a | 12/17/1998 |
| | Pages TRM / 3.3-10 and TRM / 3.3-11 | 12/17/1998 |
| | Page TRM / 3.3-12 | 03/30/2001 |
| | Pages TRM / 3.3-13 through TRM / 3.3-15 | 12/14/1998 |
| | Page TRM / 3.3-16 | 06/27/2001 |
| | Pages TRM / 3.3-17 and TRM / 3.3-18 | 06/14/2002 |
| | Pages TRM / 3.3-19 through TRM / 3.3-20 | 12/14/1998 |
| | Page 3.3-21 | 08/31/1998 |
| | Pages TRM / 3.3-22 through TRM / 3.3-24 | 05/16/2003 |
| | Page TRM / 3.3-25 | 04/02/1999 |

**SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)**

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|---|--|
| 3.4 | REACTOR COOLANT SYSTEM Pages 3.4-1 through 3.4-5 Pages 3.4-6 through 3.4-13 | 10/23/1998 08/31/1998 |
| 3.5 | EMERGENCY CORE COOLING AND RCIC Pages 3.5-1 through 3.5-3 Page TRM / 3.5-4 Pages 3.5-5 through 3.5-7 | 08/31/1998 04/17/2000 08/31/1998 |
| 3.6 | CONTAINMENT Pages 3.6-1 through 3.6-4 Page TRM / 3.6-5 Page 3.6-6 Pages TRM / 3.6-7 through TRM / 3.6-9 | 08/31/1998 01/07/2002 08/31/1998 12/31/2002 |
| 3.7 | PLANT SYSTEMS Pages TRM / 3.7-1 and TRM / 3.7-2 Page 3.7-3 Pages TRM / 3.7-4 through TRM / 3.7-10 Page TRM / 3.7-11 Pages TRM / 3.7-12 through TRM / 3.7-27 Pages TRM / 3.7-28 through TRM / 3.7-32 Page TRM / 3.7-33 Pages TRM / 3.7-34 through TRM / 3.7-36 Pages 3.7-37 through 3.7-39 Pages TRM / 3.7-40 and TRM / 3.7-40a Pages 3.7-41 and 3.7-42 Pages 3.7-43 through 3.7-47 Page TRM / 3.7-48 Pages TRM / 3.7-49 and TRM / 3.7-50 Pages TRM / 3.7-51 and TRM / 3.7-52 Page TRM / 3.7-53 | 07/29/1999 08/31/1998 08/02/1999 01/21/2000 08/02/1999 11/16/2001 10/05/2002 02/01/1999 08/31/1998 08/11/2000 08/31/1998 10/13/1998 03/08/2003 03/09/2001 04/15/2003 07/29/1999 |
| 3.8 | ELECTRICAL POWER Pages TRM / 3.8-1 and TRM / 3.8-2 Page 3.8-3 Page TRM / 3.8-4 Pages TRM / 3.8-5 and TRM / 3.8-6 Pages TRM / 3.8-7 through TRM / 3.8-8 Page TRM / 3.8-9 Page 3.8-10 Page TRM / 3.8-11 Page TRM / 3.8-11a Pages 3.8-12 through 3.8-14 Pages TRM / 3.8-15 through TRM / 3.8-17 Page 3.8-18 | 04/02/2002 08/31/1998 12/31/2002 04/02/2002 08/31/1998 08/24/2001 08/31/1998 04/02/2002 04/02/2002 08/31/1998 04/02/2002 02/01/1999 |

**SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)**

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|---|-------------------------|
| | Page TRM / 3.8-19 | 04/02/2002 |
| | Page TRM / 3.8-20 | 02/01/1999 |
| | Pages TRM / 3.8-21 through TRM / 3.8-23 | 06/06/1999 |
| | Pages 3.8-24 and 3.8-25 | 08/31/1998 |
| 3.9 | REFUELING OPERATIONS Pages 3.9-1 through 3.9-3 | 08/31/1998 |
| 3.10 | MISCELLANEOUS Pages 3.10-1 through 3.10-4 | 08/30/1998 |
| | Page TRM / 3.10-5 | 03/08/2003 |
| | Page TRM / 3.10-6 | 06/05/2002 |
| | Page TRM / 3.10-7 | 04/07/2000 |
| | Page TRM / 3.10-8 | Corrected 04/17/2002 |
| 3.11 | RADIOACTIVE EFFLUENTS Pages 3.11-1 through 3.11-12 | 08/31/1998 |
| | Pages 3.11-13 through 3.11-16 | 09/01/1998 |
| | Pages 3.11-17 through 3.11-21 | 08/31/1998 |
| | Pages TRM / 3.11-22 through TRM / 3.11-24 | 04/02/2002 |
| | Pages 3.11-25 through 3.11-32 | 09/01/1998 |
| | Pages 3.11-33 through 3.11-47 | 08/31/1998 |
| 3.12 | LOADS CONTROL PROGRAM Pages TRM / 3.12-1 through TRM / 3.12-5 | 02/05/1999 |
| 4.0 | ADMINISTRATIVE CONTROLS Pages 4.0-1 through 4.0-8 | 08/31/1998 |

SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|--|--|
| B 3.0 | APPLICABILITY BASES Pages B 3.0-1 through B 3.0-10 Pages TRM / B 3.0-11 through TRM / B 3.0-15 | 08/31/1998 03/15/2002 |
| B 3.1 | REACTIVITY CONTROL SYSTEMS BASES Pages TRM / B 3.1-1 through TRM / B 3.1-3 Page B 3.1-4 Pages TRM / B 3.1-5 through TRM / B 3.1-7 Page TRM / B 3.1-8 | 07/13/1999 08/31/1998 07/13/1999 02/18/1999 |
| B 3.2 | CORE OPERATING LIMITS BASES Page B 3.2-1 | 08/31/1998 |
| B 3.3 | INSTRUMENTATION BASES Page TRM/B 3.3-1 Page B 3.3-2 Pages TRM/B 3.3-3 and TRM / B 3.3-3A Pages TRM / B 3.3-4 through TRM / B 3.3-6 Pages TRM / B 3.3-7 through TRM / B 3.3-9 Pages B 3.3-10 through B 3.3-13 Page TRM / B 3.3-14 Page TRM / B 3.3-14a Page TRM / B 3.3-14b Page B 3.3-15 Page TRM/B 3.3-16 Page B 3.3-17 Pages TRM / B 3.3-20 through TRM / B 3.3-23 | 04/07/2000 08/31/1998 12/29/2000 03/21/2003 03/30/2001 08/31/1998 06/25/2002 06/14/2002 06/14/2002 08/31/1998 04/07/2000 08/31/1998 05/16/2003 |
| B 3.4 | REACTOR COOLANT SYSTEM BASES Pages B 3.4-1 through B 3.4-4 Page TRM / B 3.4-5 Page B 3.4-6 | 08/31/1998 10/15/1999 08/31/1998 |
| B 3.5 | ECCS AND RCIC BASES Pages B 3.5-1 through B 3.5-5 | 08/31/1998 |
| B 3.6 | CONTAINMENT BASES Page TRM / B 3.6-1 Page TRM / B 3.6-2 Page B 3.6-3 Page TRM / B 3.6-4 Page TRM / B 3.6-5 Pages TRM / B 3.6-6 through TRM / B 3.6-11 | 07/26/2001 02/01/1999 08/31/1998 09/23/1999 01/07/2002 12/31/2002 |

**SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)**

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|---|-----------------------|
| B 3.7 | PLANT SYSTEMS BASES | |
| | Pages B 3.7-1 and B 3.7-2 | 08/31/1998 |
| | Pages TRM / B 3.7-3 through TRM / B 3.7-7 | 08/02/1999 |
| | Page TRM / B 3.7-7a | 08/02/1999 |
| | Pages TRM / B 3.7-8 through TRM / B 3.7-10 | 08/02/1999 |
| | Page TRM / B 3.7-10a | 08/02/1999 |
| | Pages TRM / B 3.7-11 through TRM / B 3.7-14 | 08/02/1999 |
| | Page TRM / B 3.7-14a | 08/02/1999 |
| | Pages TRM / B 3.7-15 and TRM / B 3.7-16 | 02/01/1999 |
| | Pages B 3.7-17 through B 3.7-20 | 08/31/1998 |
| | Pages TRM / B 3.7-21 through TRM/B 3.7-21a | 05/11/2001 |
| | Pages TRM/B 3.7-22 and TRM/B 3.7-23 | 04/07/2000 |
| | Pages B 3.7-24 through B 3.7-30 | 08/31/1998 |
| | Pages TRM / B 3.7-31 and TRM / B 3.7-32 | 03/09/2001 |
| | Page TRM / B 3.7-33 | 04/15/2003 |
| | Pages TRM / B 3.7-34 and TRM / B 3.7-35 | 07/05/2000 |
| B 3.8 | ELECTRICAL POWER BASES | |
| | Pages TRM / B 3.8-1 and TRM / B 3.8-2 | 04/02/2002 |
| | Page TRM / B 3.8-2a | 04/02/2002 |
| | Page TRM / B 3.8-3 | 04/02/2002 |
| | Page TRM / B 3.8-3a | 04/02/2002 |
| | Page TRM / B 3.8-4 | 04/02/2002 |
| | Page TRM / B 3.8-4a | 04/02/2002 |
| | Page TRM / B 3.8-5 | 08/31/1998 |
| | Pages TRM / B 3.8-6 through TRM / B 3.8-17 | 04/02/2002 |
| B.3.9 | REFUELING OPERATIONS BASES | |
| | Pages B 3.9-1 and B 3.9-2 | 08/31/1998 |
| | Pages B 3.9-3 through B 3.9-7 | 10/23/1998 |
| B 3.10 | MISCELLANEOUS BASES | |
| | Pages B 3.10-1 through B 3.10-2 | 08/31/1998 |
| | Page TRM / B 3.10-3 | 03/08/2003 |
| | Pages TRM / B 3.10-4 and TRM / B 3.10-5 | 08/23/1999 |
| | Pages TRM / B 3.10-6 and TRM / 3.10-7 | 04/17/2002 |
| B 3.11 | RADIOACTIVE EFFLUENTS BASES | |
| | Pages B 3.11-1 through B 3.11-9 | 08/31/1998 |
| | Pages TRM / B 3.11-10 | 02/01/1999 |
| | Pages TRM/B 3.11-11 and TRM/B 3.11-11a | 04/07/2000 |
| | Pages TRM/B 3.11-12 and TRM/B 3.11-13 | 02/01/1999 |
| | Page TRM / B 3.11-14 | 11/01/1999 |
| | Page TRM / B 3.11-15 | 02/01/1999 |
| | Pages B 3.11-16 through B 3.11-19 | 08/31/1998 |
| | Page TRM / B 3.11-20 | 04/02/2002 |

SUSQUEHANNA STEAM ELECTRIC STATION
LIST OF EFFECTIVE SECTIONS (TECHNICAL REQUIREMENTS MANUAL)

| <u>Section</u> | <u>Title</u> | <u>Effective Date</u> |
|----------------|---|-----------------------|
| | Page TRM / B 3.11-20a | 04/02/2002 |
| | Page TRM / B 3.11-21 | 04/02/2002 |
| | Page TRM / B 3.11-22 | 09/26/2003 |
| | Page TRM / B 3.11.23 | 04/02/2002 |
| | Page TRM / B 3.11-23a | 04/02/2002 |
| | Page TRM / B 3.11-24 | 03/21/2003 |
| | Page TRM / B 3.11-25 | 04/15/2003 |
| | Pages B 3.11-26 through B 3.11-35 | 08/31/1998 |
| | Pages TRM / B 3.11-36 | 02/12/1999 |
| B.3.12 | LOADS CONTROL PROGRAM BASES Pages TRM / B 3.12-1 through TRM / B 3.12-3 | 02/05/1999 |

NFM\TRM2 text LOES.doc

B 3.11.2.5 VENTILATION EXHAUST TREATMENT SYSTEM**BASES**

TRO
(continued)

The Radwaste Building filtered exhaust system, including the following filters:

0F355A and 0F355B.

The Radwaste Tank Vent exhaust system, including the following filters:

0F358 and 0F359.

The S&A Hot Shop exhaust system, including the following filters:

0F716.

The Control Structure Filter Unit exhaust system, including the following filters:

0F134, 0F135, 0F137, 0F138, 0F140, 0F141, 0F143, and 0F144.

This section of the TRM is part of the ODCM (Ref. 2) and implements the requirements of the Radiological Effluent Controls Program (Ref. 3).

ACTIONS

The ACTIONS are defined to ensure proper corrective measures are taken in response to the inoperable components. Dose evaluations are performed when evolutions occur which result in an effluent path to the environment with some level of degraded treatment. In effect, degraded treatment renders the monthly dose projection per TRS 3.11.2.5.1 questionable. The dose evaluation is an estimated projection under the degraded conditions.

Dose evaluations should be performed under the following conditions:

1. When bypassing a treatment system (a preliminary evaluation prior to bypassing the filter and a follow-up evaluation after the bypass);

(continued)
