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APPROVED AMENDMENT TO UNIT 2 TECHNICAL REQUIREMENTS MANUAL

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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	04/15/03
Table of Contents, pages i through vi	Table of Contents, pages i through vi	04/15/03
3.1-11 through 3.1-13	_____	
TRM / 3.7-51 and TRM 3.7-52	TRM / 3.7-51 and TRM 3.7-52	04/15/03
B 3 1-9 and B 3 1-10	_____	
TRM / B 3.7-33	TRM / B 3.7-33	04/15/03
TRM / B 3.11-25	TRM / B 3.11-25	04/15/03

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	04/15/2003
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	03/10/2003
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
	Pages 3.3-21 and 3.3-22	08/31/1998
	Pages TRM / 3.3-23 through 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
		Corrected
	Page TRM / 3.10-8	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	08/31/1998
	Pages TRM / B 3.0-11 through TRM / B 3.0-15	03/15/2002
B 3.1	REACTIVITY CONTROL SYSTEMS BASES	
	Pages TRM / B 3.1-1 through TRM / B 3.1-3	07/13/1999
	Page B 3.1-4	08/31/1998
	Pages TRM / B 3.1-5 through TRM / B 3.1-7	07/13/1999
	Page TRM / B 3.1-8	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	04/07/2000
	Page B 3.3-2	08/31/1998
	Pages TRM/B 3.3-3 and TRM / B 3.3-3A	12/29/2000
	Pages TRM / B 3.3-4 through TRM / B 3.3-6	03/21/2003
	Pages TRM / B 3.3-7 through TRM / B 3.3-9	03/30/2001
	Pages B 3.3-10 through B 3.3-13	08/31/1998
	Page TRM / B 3.3-14	06/25/2002
	Page TRM / B 3.3-14a	06/14/2002
	Page TRM / B 3.3-14b	06/14/2002
	Page B 3.3-15	08/31/1998
	Page TRM/B 3.3-16	04/07/2000
	Pages B 3.3-17 through B 3.3-20	08/31/1998
	Pages TRM / B 3.3-21 through TRM / B 3.3-23	04/02/1999
B 3.4	REACTOR COOLANT SYSTEM BASES	
	Pages B 3.4-1 through B 3.4-4	08/31/1998
	Page TRM / B 3.4-5	10/15/1999
	Page B 3.4-6	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	07/26/2001
	Page TRM / B 3.6-2	02/01/1999
	Page B 3.6-3	08/31/1998
	Page TRM / B 3.6-4	09/23/1999
	Page TRM / B 3.6-5	01/07/2002
	Pages TRM / B 3.6-6 through TRM / B 3.6-11	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
	Pages TRM / B 3.11-21 through 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

(Lic Docs/TRM-Word/TRMManual/0 00Lists/Unit 2/U2TRM-LOES doc)

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
1.0	USE AND APPLICATION	1.0-1
1.1	Definitions.....	TRM/1.0-2
2.0	PLANT PROGRAMS	2.0-1
2.1	Plant Programs.....	2.0-1
2.2	Instrument Trip Setpoint Table	TRM/2.0-5
3.0	APPLICABILITY	TRM/3.0-1
3.0	(TRO) - TR for Operation (TRO) Applicability	TRM/3.0-1
3.0	(TRS) - TR Surveillance (TRS) Applicability.....	TRM/3.0-3
3.1	REACTIVITY CONTROL SYSTEMS	3.1-1
3.1.1	Alternate Rod Injection	3.1-1
3.1.2	CRD Housing Support	3.1-4
3.1.3	Control Rod Block Instrumentation	3.1-5
3.1.4	Control Rod Scram Accumulators Instrumentation and Check Valve	TRM/3.1-9
3.2	CORE OPERATING LIMITS REPORT	3.2-1
3.2.1	Core Operating Limits Report	3.2-1
3.3	INSTRUMENTATION	TRM/3.3-1
3.3.1	Radiation Monitoring Instrumentation	TRM/3.3-1
3.3.2	Seismic Monitoring Instrumentation.....	TRM/3.3-4
3.3.3	Meteorological Monitoring Instrumentation	3.3-7
3.3.4	TRM Post-Accident Monitoring Instrumentation.....	TRM/3.3-9
3.3.5	Section Not Used.....	TRM/3.3-12
3.3.6	TRM Containment Isolation Instrumentation	TRM/3.3-13
3.3.7	Turbine Overspeed Protection System	TRM/3.3-17
3.3.8	TRM Reactor Protection System (RPS) Instrumentation	TRM/3.3-19
3.3.9	LPRM Upscale Alarm Instrumentation	3.3-21
3.3.10	Reactor Recirculation Pump MG Set Electrical and Mechanical Stops	3.3-22
3.3.11	MVP Isolation Instrumentation.....	TRM/3.3-23
3.4	REACTOR COOLANT SYSTEM	3.4-1
3.4.1	Reactor Coolant System Chemistry	3.4-1
3.4.2	Structural Integrity	3.4-6
3.4.3	High/Low Pressure Interface Leakage Monitors	3.4-9
3.4.4	Reactor Recirculation Flow and Rod Line Limit.....	3.4-12
3.4.5	Reactor Vessel Material Surveillances Program	3.4-13
3.5	EMERGENCY CORE COOLING AND RCIC.....	3.5-1
3.5.1	ADS Manual Inhibit.....	3.5-1
3.5.2	ECCS and RCIC System Monitoring Instrumentation	3.5-3
3.5.3	Long Term Nitrogen Supply to ADS.....	3.5-6

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
3.6	CONTAINMENT	3.6-1
3.6.1	VENTING or PURGING	3.6-1
3.6.2	Suppression Chamber-to-Drywell Vacuum Breaker Position Indication	3.6-3
3.6.3	Suppression Pool Alarm Instrumentation	3.6-4
3.6.4	Primary Containment Closed System Boundaries	TRM/3.6-7
3.7	PLANT SYSTEMS	TRM/3.7-1
3.7.1	Emergency Service Water System (Shutdown)	TRM/3.7-1
3.7.2	Ultimate Heat Sink and Ground Water Level	3.7-3
3.7.3.1	Fire Suppression Water Supply System	TRM/3.7-4
3.7.3.2	Spray and Sprinkler Systems	TRM/3.7-8
3.7.3.3	CO2 systems	TRM/3.7-12
3.7.3.4	Halon Systems	TRM/3.7-16
3.7.3.5	Fire Hose Stations	TRM/3.7-18
3.7.3.6	Yard Fire Hydrants and Hydrant Hose Houses	TRM/3.7-22
3.7.3.7	Fire Rated Assemblies	TRM/3.7-24
3.7.3.8	Fire Detection Instrumentation	TRM/3.7-26
3.7.4	Solid Radwaste System	TRM/3.7-35
3.7.5.1	Main Condenser Offgas Hydrogen Monitor	3.7-38
3.7.5.2	Main Condenser Explosive Gas Mixture	3.7-39
3.7.5.3	Liquid Holdup Tanks	TRM/3.7-40
3.7.6	ESSW Pumphouse Ventilation	3.7-41
3.7.7	Main Condenser Offgas Pretreatment Logarithmic Radiation Monitoring Instrumentation	3.7-42
3.7.8	Snubbers	3.7-44
3.7.9	Control Structure HVAC	TRM/3.7-50
3.7.10	Spent Fuel Storage Pools (SFSPs)	TRM/3.7-51
3.8	ELECTRICAL POWER	TRM/3.8-1
3.8.1	Primary Containment Penetration Conductor Overcurrent Protective Devices	TRM/3.8-1
3.8.2.1	Motor Operated Valves Thermal Overload Protection - Continuous	TRM/3.8-5
3.8.2.2	Motor Operated Valves Thermal Overload Protection - Automatic	TRM/3.8-11
3.8.3	Diesel Generator (DG) Maintenance Activities	3.8-13
3.8.4	24VDC Electrical Power Subsystem	TRM/3.8-15
3.8.5	Degraded Voltage Protection	TRM/3.8-21
3.8.6	Emergency Switchgear Room Cooling	3.8-24
3.9	REFUELING OPERATIONS	3.9-1
3.9.1	Decay Time	3.9-1
3.9.2	Communications	3.9-2
3.9.3	Refueling Platform	3.9-3

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
3.10	MISCELLANEOUS	3.10-1
3.10.1	Sealed Source Contamination	3.10-1
3.10.2	MODE 5 Shutdown Margin Test RPS Instrumentation.....	3.10-4
3.10.3	Independent Spent Fuel Storage Installation (ISFSI).....	TRM/3.10-7
3.10.4	Leading Edge Flow Meter (LEFM)	TRM/3.10-8
3.11	RADIOACTIVE EFFLUENTS	3.11-1
3.11.1	Liquid Effluents.....	3.11-1
3.11.1.1	Liquid Effluents Concentration.....	3.11-1
3.11.1.2	Liquid Effluents Dose.....	3.11-4
3.11.1.3	Liquid Waste Treatment System.....	3.11-6
3.11.1.4	Liquid Radwaste Effluent Monitoring Instrumentation	3.11-8
3.11.1.5	Radioactive Liquid Process Monitoring Instrumentation.....	3.11-13
3.11.2	Gaseous Effluents	3.11-17
3.11.2.1	Dose Rate	3.11-17
3.11.2.2	Dose - Noble Gases	3.11-20
3.11.2.3	Dose - Iodine, Tritium, and Radionuclides in Particulate Form	3.11-21
3.11.2.4	Gaseous Radwaste Treatment System	TRM/3.11-22
3.11.2.5	Ventilation Exhaust Treatment System	TRM/3.11-23
3.11.2.6	Radioactive Gaseous Effluent Monitoring Instrumentation.....	3.11-26
3.11.3	Total Dose	3.11-33
3.11.4	Radiological Environmental Monitoring	3.11-35
3.11.4.1	Monitoring Program	3.11-35
3.11.4.2	Land Use Census	3.11-45
3.11.4.3	Interlaboratory Comparison Program.....	3.11-47
3.12	LOADS CONTROL PROGRAM	TRM/3.12-1
3.12.1	Crane Travel - Spent Fuel Storage Pool	TRM/3.12-1
3.12.2	Heavy Loads Requirements.....	TRM/3.12.3
3.12.3	Light Loads Requirements.....	TRM/3.12-5
4.0	ADMINISTRATIVE CONTROLS.....	4.0-1
4.1	Organization	4.0-1
4.2	Reportable Event Action	4.0-2
4.3	Safety Limit Violation	4.0-3
4.4	Procedures and Programs.....	4.0-4
4.5	Reporting Requirements.....	4.0-5
4.6	Radiation Protection Program.....	4.0-7
4.7	Training	4.0-8

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
B 3.0	(TRO) - TR for Operation (TRO) Applicability	B 3.0-1
B 3.0	(TRS) - TR Surveillance (TRS) Applicability.....	B 3.0-9
B 3.1.1	Alternate Rod Injection	TRM/B 3.1-1
B 3.1.2	CRD Housing Support	B 3.1-4
B 3.1.3	Control Rod Block Instrumentation	TRM/B 3.1-5
B 3.1.4	Control Rod Scram Accumulators Instrumentation and Check Valve	TRM/B 3.1-8
B 3.2.1	Core Operating Limits Report (COLR).....	B 3.2-1
B 3.3.1	Radiation Monitoring Instrumentation	TRM/B 3.3-1
B 3.3.2	Seismic Monitoring Instrumentation.....	B 3.3-2
B 3.3.3	Meteorological Monitoring Instrumentation	TRM/B 3.3-3
B 3.3.4	TRM Post-Accident Monitoring Instrumentation.....	TRM/B 3.3-4
B 3.3.5	Section Not Used.....	TRM/B 3.3-7
B 3.3.6	TRM Containment Isolation Instrumentation.....	B 3.3-10
B 3.3.7	Turbine Overspeed Protection System	TRM/B 3.3-14
B 3.3.8	TRM Reactor Protection System (RPS) Instrumentation	B 3.3-15
B 3.3.9	LPRM Upscale Alarm Instrumentation.....	B 3.3-18
B 3.3.10	Reactor Recirculation Pump MG Set Electrical and Mechanical Stops	B 3.3-19
B 3.3.11	MVP Isolation Instrumentation.....	TRM/B 3.3-21
B 3.4.1	Reactor Coolant System Chemistry	B 3.4-1
B 3.4.2	Structural Integrity	B 3.4-2
B 3.4.3	High/Low Pressure Interface Leakage Monitors	B 3.4-4
B 3.4.4	Reactor Recirculation Flow and Rod Line Limit.....	TRM/B 3.4-5
B 3.4.5	Reactor Vessel Material Surveillances Program	B 3.4-6
B 3.5.1	ADS Manual Inhibit.....	B 3.5-1
B 3.5.2	ECCS and RCIC System Monitoring Instrumentation	B 3.5-3
B 3.5.3	Long Term Nitrogen Supply to ADS.....	B 3.5-4
B 3.6.1	VENTING or PURGING.....	TRM/B 3.6-1
B 3.6.2	Suppression Chamber-to-Drywell Vacuum Breaker Position Indication	B 3.6-3
B 3.6.3	Suppression Pool Alarm Instrumentation.....	B 3.6-4
B 3.6.4	Primary Containment Closed System Boundaries	TRM/B 3.6-6
B 3.7.1	Emergency Service Water System (Shutdown)	B 3.7-1
B 3.7.2	Ultimate Heat Sink and Ground Water Level.....	B 3.7-2
B 3.7.3.1	Fire Suppression Water Supply System	TRM/B 3.7-3
B 3.7.3.2	Spray and Sprinkler Systems.....	TRM/B 3.7-5
B 3.7.3.3	CO2 systems.....	TRM/B 3.7-7
B 3.7.3.4	Halon Systems	TRM/B 3.7-8
B 3.7.3.5	Fire Hose Stations	TRM/B 3.7-10

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
B 3.7.3.6	Yard Fire Hydrants and Hydrant Hose Houses	TRM/B 3.7-11
B 3.7.3.7	Fire Rated Assemblies.....	TRM/B 3.7-12
B 3.7.3.8	Fire Detection Instrumentation.....	TRM/B 3.7-14
B 3.7.4	Solid Radwaste System.....	TRM/B 3.7-15
B 3.7.5.1	Main Condenser Offgas Hydrogen Monitor.....	B 3.7-17
B 3.7.5.2	Main Condenser Explosive Gas Mixture	B 3.7-19
B 3.7.5.3	Liquid Holdup Tanks.....	B 3.7-20
B 3.7.6	ESSW Pumphouse Ventilation	TRM/B 3.7-21
B 3.7.7	Main Condenser Offgas Pretreatment Logarithmic Radiation Monitoring Instrumentation	TRM/B 3.7-22
B 3.7.8	Snubbers.....	B 3.7-24
B 3.7.9	Control Structure HVAC.....	TRM/B 3.7-31
B 3.7.10	Spent Fuel Storage Pools.....	TRM/B 3.7-33
B 3.8.1	Primary Containment Penetration Conductor Overcurrent Protective Devices	TRM/B 3.8-1
B 3.8.2.1	Motor Operated Valves Thermal Overload Protection - Continuous	TRM/B 3.8-3
B 3.8.2.2	Motor Operated Valves Thermal Overload Protection - Automatic	TRM/B 3.8-4
B 3.8.3	Diesel Generator (DG) Maintenance Activities.....	TRM/B 3.8-5
B 3.8.4	24VDC Electrical Power Subsystem	TRM/B 3.8-6
B 3.8.5	Degraded Voltage Protection.....	TRM/B 3.8-16
B 3.8.6	Emergency Switchgear Room Cooling	TRM/B 3.8-17
B.3.9.1	Decay Time	B 3.9-1
B 3.9.2	Communications.....	B 3.9-2
B 3.9.3	Refueling Platform.....	B 3.9-3
B 3.10.1	Sealed Source Contamination	B 3.10-1
B 3.10.2	MODE 5 Shutdown Margin Test RPS Instrumentation.....	B 3.10-2
B 3.10.3	Independent Spent Fuel Storage Installation (ISFSI).....	TRM/B 3.10-4
B 3.10.4	Leading Edge Flow Meter (LEFM)	TRM/B 3.10-6
B 3.11.1.1	Liquid Effluents Concentration.....	B 3.11-1
B 3.11.1.2	Liquid Effluents Dose.....	B 3.11-4
B 3.11.1.3	Liquid Waste Treatment System.....	B 3.11-6
B 3.11.1.4	Liquid Radwaste Effluent Monitoring Instrumentation	B 3.11-7
B 3.11.1.5	Radioactive Liquid Process Monitoring Instrumentation.....	TRM/B 3.11-10
B 3.11.2.1	Dose Rate	TRM/B 3.11-12
B 3.11.2.2	Dose - Noble Gases	B 3.11-16
B 3.11.2.3	Dose - Iodine, Tritium, and Radionuclides in Particulate Form	B 3.11-18
B 3.11.2.4	Gaseous Radwaste Treatment System	TRM/B 3.11-20
B 3.11.2.5	Ventilation Exhaust Treatment System	TRM/B 3.11-21

SUSQUEHANNA STEAM ELECTRIC STATION
TABLE OF CONTENTS (TECHNICAL REQUIREMENTS MANUAL)

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
B 3.11.2.6	Radioactive Gaseous Effluent Monitoring Instrumentation.....	B 3.11-24
B 3.11.3	Total Dose	B 3.11-26
B 3.11.4.1	Monitoring Program	B 3.11-28
B 3.11.4.2	Land Use Census	B 3.11-34
B 3.11.4.3	Interlaboratory Comparison Program.....	TRM/B 3.11-36
B 3.12	LOADS CONTROL PROGRAM.....	TRM/B 3.12-1
B.3.12.1	Crane Travel - Spent Fuel Storage Pool	TRM/B 3.12-1
B.3.12.2	Heavy Loads Requirements.....	TRM/B 3.12-2
B.3.12.3	Light Loads Requirements.....	TRM/B 3.12-3

(Lic Docs/TRM-Word/TRM Manual/0 00Lists/Unit2/U2TRM-TOC doc)

3.7 Plant Systems

3.7.10 Spent Fuel Storage Pools (SFSPs)

TRO 3.7.10 The following conditions shall be met when the Unit 1 and Unit 2 SFSPs are not cross-connected through the Cask Storage Pit.

- a. The Unit 2 SFSP water temperature is less than or equal to 115 °F.
- b. Both subsystems of the ESW system must have at least one pump and the respective flow path to the Spent Fuel Storage Pool OPERABLE.
- c. One RHR Fuel Pool Cooling subsystem must be OPERABLE. (Cannot be the same set of equipment used to meet item d.)
- d. RHR must have one subsystem of Suppression Pool Cooling OPERABLE. (Cannot be the same set of equipment used to meet item c.)
- e. Zone II is capable of being aligned to the Recirculation Plenum.

APPLICABILITY: MODES 1, 2, 3, and 4 when the analyzed nominal decay heat in one SFSP is $\leq 5.1 \times 10^6$ BTU/hr concurrent with the analyzed nominal decay heat in the other SFSP $\leq 3.1 \times 10^6$ BTU/hr.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Fuel pool water temperature > 115 °F.	A.1 Restore the temperature ≤ 115 °F.	12 hours
B. Less than two subsystems of ESW with at least one pump or the respective flow path to the Spent Fuel Storage Pool OPERABLE.	B.1 Restore two subsystems of ESW with at least one pump and the respective flow path to the Spent Fuel Storage Pool to OPERABLE status.	48 hours
C. No RHR Fuel Pool Cooling subsystem's OPERABLE.	C.1 Restore one subsystem to OPERABLE status.	7 days

(continued)

ACTIONS (continued)

CONDITION		REQUIRED ACTION	COMPLETION TIME
D.	No RHR Suppression Pool Cooling subsystem's OPERABLE.	D.1 Restore one subsystem to OPERABLE status.	7 days
E.	Zone II not capable of being aligned to the Recirculation plenum.	E.1 Restore alignment capability.	7 days
F.	Required Actions and associated Completion Times not met.	F.1 Initiate actions to cross-connect the Unit 1 and Unit 2 Spent Fuel Storage Pools through the Cask Storage Pit.	Immediately

TECHNICAL REQUIREMENT SURVEILLANCE

SURVEILLANCE	FREQUENCY
TRS 3.7.10.1 Verify the fuel pool temperature is less than or equal to 115 °F.	24 hours
TRS 3.7.10.2 Verify both subsystems of ESW have at least one pump and the respective flow path to the Spent Fuel Storage Pool OPERABLE.	Once within 12 hours after the SFSP is isolated from the Cask Storage Pit <u>AND</u> Once per 24 hours thereafter
TRS 3.7.10.3 Verify that an RHR Fuel Pool Cooling subsystem is OPERABLE.	Once within 12 hours after the SFSP is isolated from the Cask Storage Pit <u>AND</u> Once per 24 hours thereafter

(continued)

B 3.7.10 - Spent Fuel Storage Pools

BASES

TRO

The design and licensing basis of SSES assumes that the Unit 1 and Unit 2 Spent Fuel Storage Pools (SFSP) are cross-connected through the Cask Storage Pit. This allows either Unit's Fuel Pool Cooling system and RHR Fuel Pool Cooling subsystem to provide cooling to the spent fuel stored in both units SFSP. In addition, cross-connected SFSP's allow make up water to be added to either unit's SFSP. If the SFSP are not cross-connected through the Cask Storage Pit, certain conditions must be maintained to assure the fuel pools remain within analyzed conditions. This TRO defines the required conditions and the actions required should the conditions not be met. The conditions applicable to SFSP's that are not cross-connected are:

- a. The Unit 2 SFSP water temperature is less than or equal to 115 °F. The Fuel Pool Cooling system analyses assume the fuel pool temperature is less than or equal to 115 °F. Normally, the Fuel Pool Cooling system is used to maintain the fuel pool temperature less than or equal to 115 °F.
- b. Both subsystems of the ESW system must have at least one pump and the respective flow path to the SFSP to be considered OPERABLE for the ESW system fuel pool supply function. The ESW system provides the only safety-related source of make-up water to the SFSP.
- c. The RHR Fuel Pool Cooling subsystem provides a safety-related source of cooling to the SFSP. The RHR Fuel Pool Cooling subsystem is considered OPERABLE when one of the pumps, one of the heat exchangers, associated piping, valves, instrumentation and controls are OPERABLE. Note that this cannot be the same set of equipment (pump, heat exchanger, piping, valves etc.) credited for an OPERABLE RHR Suppression Pool Cooling subsystem.

(continued)

B 3.11.2.6 Radioactive Gaseous Effluent Monitoring Instrumentation

BASES (continued)

TRS

The TRSs are defined to be performed at the specified Frequency to ensure that the monitoring instrumentation is maintained OPERABLE.

The TRSs shall be performed in accordance with the Technical Specification definition for the test with the following additional requirements:

The CHANNEL FUNCTIONAL TEST for all noble gas activity monitors, Iodine Monitors, and Particulate Monitors shall also demonstrate that control room alarm annunciation occurs if any of the following conditions exists:

1. Instrument indicates measured levels above the alarm/trip setpoint,
2. Circuit failure, and
3. Instrument indicates a downscale failure.

The initial CHANNEL CALIBRATION for all noble gas activity monitors, Iodine Monitors, and Particulate Monitors shall be performed using one or more of the reference standards certified by the National Institute of Standards and Technology (NIST) or using standards that have been obtained from suppliers that participate in measurement assurance activities with NIST. These standards shall permit calibrating the system over its intended range of energy and measurement range. For subsequent CHANNEL CALIBRATION, sources that have been related to the initial calibration may be used in lieu of reference standards associated with the initial calibration.

Particulate or iodine sampling required to be in continuous service will be considered to remain and have been in continuous service when its service is interrupted for a period of time not to exceed 1 hour per sampling period. For particulate and iodine sampling, this is a small fraction of the normal minimum analysis frequency.

REFERENCES

1. Technical Specification 5.5.4 - Radioactive Effluent Controls program.
2. Technical Specification 5.5.1 - Offsite Dose Calculation Manual.
3. 10 CFR Part 20.
4. 10 CFR Part 50.