50-244

ROCHESTER GAS & ELECTRIC CORPORATION

DOCUMENT CONTROL

Document Transmittal

Transmittal: 200302016 038
Date: 02/10/2003
Holder: 1217

To: DOCUMENT CONTROL DESK
US NRC
ATT: GUY VISSING
PROJECT DOCTORATE 1-1
WASHINGTON DC 20555

LISTED BELOW ARE NEW OR REVISED CONTROLLED DOCUMENTS. REVIEW THE ATTACHED INSTRUCTION LETTER (IF APPLICABLE), AND UPDATE YOUR CONTROLLED DOCUMENT IN ACCORDANCE WITH EP-3-S-0901

Doc Id	Doc Title	Rev	Rev Date	Qty
TRM	TECHNICAL REQUIREMENTS MANUAL FOR GINNA STATION	019	02/12/2003	1

Receipt Acknowledgement and Action Taken:

Signature _____ Date _____

Return ENTIRE FORM to: Rochester Gas & Electric Corporation
Ginna Station - Records Management
1503 Lake Road
Ontario, New York 14519

A001

Rochester Gas and Electric Corporation
Inter-Office Correspondence

February 10, 2003

Subject: Technical Requirements Manual (TRM) Revision 19

To: Distribution

Attached are the associated revised pages for the Ginna Station Technical Requirements Manual (TRM). The changes included within Revision 19 of the TRM are associated with new required actions when using the yard water loop as a backup to the fire water header.

Revision 19 of the TRM is considered effective February 12, 2003. Instructions for the necessary changes to your controlled copy are listed below.

Please contact Tom Harding (extension 3384) if you have any questions.

Thomas L. Harding

Instructions

Volume	Section	Remove	Insert
III	TRM	Cover Page	Cover Page
III	TRM	LEP-i and LEP-ii	LEP-i and LEP-ii
III	TRM Chapter 3.7	TR 3.7.1-1 through TR 3.7.1-3	TR 3.7.1-1 through TR 3.7.1-4

R.E. Ginna Nuclear Power Plant

Technical Requirements Manual
TRM

Revision 19

Responsible Manager: Mark D Flaherty
Mark Flaherty

Effective Date: 2/12/03
2/12/2003

Controlled Copy No. 1217

Record Cat.# 4.43.4

List of Effective Pages
(TRM)

Page	Rev.
TOC	
i to ii	15
Section 1.0	
TR 1.0-1	14
Section 2.0	
TR 2.1-1	14
Section 3.0	
TR 3.0-1 to TR 3.0-2	14
Section 3.1	
TR 3.1.1-1 to TR 3.1.1-3	14
TR 3.1.2-1 to TR 3.1.2-2	14
Section 3.2	
TR 3.2-1	14
Section 3.3	
TR 3.3.1-1 to TR 3.3.1-2	14
TR 3.3.2-1 to TR 3.3.2-2	14
TR 3.3.3-1	14
TR 3.3.4-1 to TR 3.3.4-7	14
TR 3.3.5-1 to TR 3.3.5-3	14
Section 3.4	
TR 3.4.1-1 to TR 3.4.1-2	14
TR 3.4.2-1 to TR 3.4.2-3	14
TR 3.4.3-1 to TR 3.4.3-6	14
Section 3.5	
TR 3.5-1	14
Section 3.6	
TR 3.6-1	14
Section 3.7	
TR 3.7.1-1 to TR 3.7.1-4	19
TR 3.7.2-1 to TR 3.7.2-5	14
TR 3.7.3-1 to TR 3.7.3-3	14
TR 3.7.4-1 to TR 3.7.4-4	14
TR 3.7.5-1 to TR 3.7.5-5	14
TR 3.7.6-1 to TR 3.7.6-2	14
TR 3.7.7-1 to TR 3.7.7-2	18
TR 3.7.8-1 to TR 3.7.8-2	15
Section 3.8	
TR 3.8.1-1	14
TR 3.8.2-1 to TR 3.8.2-2	14
Section 3.9	
TR 3.9.1-1	14
TR 3.9.2-1 to TR 3.9.2-2	14
TR 3.9.3-1	14
TR 3.9.4-1 to TR 3.9.4-3	18
Section 4.0	
TR 4.0-1	14
Section 5.0	
TR 5.1-1 to TR 5.1-2	16

List of Effective Pages
(TRM Bases)

Page	Rev.	Page	Rev.
TOC		**Section 3.7**	
iii	15	TRB 3.7.1-1	14
		TRB 3.7.2-1	14
		TRB 3.7.3-1	14
Section 2.0		TRB 3.7.4-1	14
		TRB 3.7.5-1	14
		TRB 3.7.6-1	14
Section 3.0		TRB 3.7.7-1 to TRB 3.7.7-7	18
		TRB 3.7.8-1 to TRB 3.7.8-3	15
Section 3.1			
		Section 3.8	
Section 3.2			
		Section 3.9	
Section 3.3		TRB 3.9.1-1 to TRB 3.9.1-3	14
		TRB 3.9.2-1	14
		TRB 3.9.3-1	14
Section 3.4		TRB 3.9.4-1 to TRB 3.9.4-6	18
Section 3.5			
		Section 4.0	
Section 3.6			
		Section 5.0	

3.7 PLANT SYSTEMS

TR 3.7.1 Fire Suppression Water Sources

TR 3.7.1 Two fire pumps shall be OPERABLE and aligned to the fire suppression header.

APPLICABILITY: At all times.

ACTIONS

CONDITION		REQUIRED ACTION		COMPLETION TIME
A.	One required fire pump inoperable in MODES 1, 2, 3, or 4.	A.1	Restore required pump to OPERABLE status.	7 days
B.	Required Action and associated Completion Time of Condition A not met.	B.1 AND	Start and operate redundant pump continuously.	24 hours
		B.2	Prepare special report and submit to NRC outlining cause of pump inoperability and plans for restoring to OPERABLE status.	30 days
C.	One required fire pump inoperable in MODES 5 or 6, or with the reactor defueled.	C.1	Restore required pump to OPERABLE status.	7 days
D.	Required Action and associated Completion Time of Condition C not met.	D.1	Prepare special report and submit to NRC outlining cause of pump inoperability and plans for restoring to OPERABLE status.	30 days

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. Two fire pumps inoperable. OR Fire suppression header inoperable.	E.1 Establish a full backup fire suppression water system. OR E.2.1 Cross-tie the yard loop to the plant fire header. AND E.2.2 Declare the suppression systems listed in Table TR 3.7.1-1 inoperable.	24 hours 24 hours 24 hours
F. Required Action and associated Completion Time of Condition E not met.	F.1 Be in MODE 3. AND F.2 Be in MODE 5. AND F.3 Prepare special report and submit to NRC outlining cause of fire suppression inoperability and plans for restoring to OPERABLE status.	6 hours 36 hours 30 days

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
TSR 3.7.1.1	Operate each fire pump on recirculation flow for ≥ 15 minutes.	31 days
TSR 3.7.1.2	Verify each fire suppression valve in the pump train or header flow path that is not locked, supervised, or otherwise secured in position is in the correct position.	31 days
TSR 3.7.1.3	Verify level of diesel driven fire pump fuel oil tank is ≥ 50%.	31 days

	SURVEILLANCE	FREQUENCY
TSR 3.7.1.4	Inspect and test diesel driven fire pump starting batteries.	31 days
TSR 3.7.1.5	Verify diesel driven fire pump fuel oil stored in the day tank is within ASTM D975 recommended limits for Number 2 diesel fuel oil for viscosity, water, and sediment.	92 days
TSR 3.7.1.6	Cycle air operated valve 9227 through one complete cycle.	10 months
TSR 3.7.1.7	- NOTE - 1. Not required to be performed for hydrant isolation valves. 2. Only required to be performed for valves which are testable in MODES 1, 2, 3, and 4. Cycle each valve in the pump or header flowpath through one complete cycle.	12 months
TSR 3.7.1.8	Verify each fire suppression pump starts automatically and sequentially on an actual or simulated actuation signal and produces ≥ 2000 gpm at 210 ft head.	18 months
TSR 3.7.1.9	Verify each automatic fire suppression valve in the pump train or header flow path actuates to its correct position on an actual or simulated actuation signal.	24 months
TSR 3.7.1.10	- NOTE - Only required to be performed for valves which are not testable in MODES 1, 2, 3, and 4. Cycle each valve in the pump or header flowpath through one complete cycle.	18 months
TSR 3.7.1.11	Inspect diesel fire pump engine in accordance with procedures prepared in conjunction with manufacturer's recommendations for the class of service.	18 months
TSR 3.7.1.12	Record static pressure at suppression header test connection with one fire pump operating.	3 years

Table TR 3.7.1-1
Fire Suppression Spray Sprinkler Systems that are not Provided Sufficient Pressure/Flow by the Yard Loop in the Cross-tie Lineup

	LOCATION	TYPE	SYSTEM	ACTUATION
1.	Auxiliary Building Basement Cable Trays - SI Pumps	Sprinkler	S01	Preaction
2.	Auxiliary Building Intermediate Level at Cable Tunnel Entrance	Sprinkler	S03	Preaction
3.	Auxiliary Building Intermediate Level Cable Trays - East	Sprinkler	S04	Preaction
4.	Cable Tunnel	Spray	S05	Automatic
5.	Air Handling Room Cable Trays	Spray	S06	Automatic
6.	Relay Room - Southeast	Spray	S09	Manual
7.	Relay Room - West	Spray	S10	Manual
8.	Relay Room - Northeast	Spray	S11	Manual
9.	Diesel Generator (DG) Room A	Sprinkler	S12	Preaction
10.	Diesel Generator (DG) Room B	Sprinkler	S13	Preaction
11.	Intermediate Building East Cable Trays	Sprinkler	S15	Preaction
12.	Screenhouse Basement Cable Trays	Spray	S17	Automatic
13.	Control Room Turbine Building Wall	Spray	S29	Automatic
14.	Main Oil Storage Room	Spray	S16	Automatic
15.	Service Building	Sprinkler	S19	Automatic
16.	Transformer #1	Spray	S20	Automatic
17.	Transformer #12A	Spray	S22	Automatic
18.	Transformer #12B	Spray	S23	Automatic
19.	Turbine Condenser Pit	Spray	S24	Manual
20.	Turbine Island	Sprinkler	S26	Automatic
21.	Main Turbine Oil Reservoir	Spray	S27	Automatic