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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: 06/25/2002

ADD MANUAL TABLE OF CONTENTS DATE: 07/17/2002

CATEGORY: DOCUMENTS TYPE: TRM
ID: TRM2
REPLACE: REV:N/A

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 06/25/2002

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	EFFECTIVE DATE	INSERT PAGES	EFFECTIVE DATE
TRM / LOES	06/14/2002	TRM / LOES	06/25/2002
2.0-2 thru 2.0-4	08/31/1998	TRM / 2.0-2 thru TRM / 2.0-4	06/25/2002
TRM / B 3.3-14	06/14/2002	TRM / B 3.3-14	06/25/2002

Table 2.1-1
PLANT PROGRAMS
(Page 1 of 3)

PROGRAM DESIGNATION		PROGRAM SOURCE	IMPLEMENTING DOCUMENT	
2.1.1	Offsite Dose Calculation Manual (ODCM)	Tech Spec 5.5.1	ODCM-QA-001	ODCM Introduction
			ODCM-QA-002	ODCM Review and Revision Control
			ODCM-QA-003	Effluent Monitor Setpoints
			ODCM-QA-004	Airborne Effluent Dose Calculations
			ODCM-QA-005	Waterborne Effluent Dose Calculations
			ODCM-QA-006	Total Dose Calculations
			ODCM-QA-007	Radioactive Waste Treatment Systems
			ODCM-QA-008	Radiological Environmental Monitoring Program
			ODCM-QA-009	Dose Assessment Policy Statements
2.1.2	Primary Coolant Sources Outside Containment	Tech Spec 5.5.2	NSEP-QA-401	System Leakage Quantification Program
2.1.3	Post Accident Sampling	Tech Spec 5.5.3	NTP-QA-52.1	Emergency Plan Training Program
			EP-PS-114	Nuclear Emergency Planning
			EP-PS-115	Chemistry Sampling Team
			CH-SY-004	Functional Test post Accident Sampling Station
			CH-SY-011	Post Accident Vent Stack Sampling System Funct.Test
			CH-IC-027	Calib. of Post Accident Vent Stack Sampling System
			Team Manual	Sections 2, 4, 6
			CH-GI-051	Instrument Checks at the Offsite Chemistry Lab
			CH-IC-016	Calibration of Eberline SPING Monitors

(continued)

Table 2.1-1
PLANT PROGRAMS
(Page 2 of 3)

PROGRAM DESIGNATION	PROGRAM SOURCE	IMPLEMENTING DOCUMENT	
		SC-070-008	Calib. of SGT Vent Rad Monitor Accident Mon. Ch.
		SC-133-108	Calib. of U1 TB Vent Rad Monitor Accident Mon. Ch
		SC-134-108	Calib. of U1 RB Vent Rad Monitor Accident Mon. Ch
		SC-233-108	Calib. of U2 TB Vent Rad Monitor Accident Mon. Ch
		SC-234-108	Calib. of U2 RB Vent Rad Monitor Accident Mon. Ch
2.1.4 Radioactive Effluent Controls	Tech Spec 5.5.4	TRO 2.1.1	ODCM
		TRO 3.6.1	Containment VENTING and PURGING
		TRO 3.11 Series	RADIOACTIVE EFFLUENTS
2.1.5 Component Cyclic or Transient Limit	Tech Spec 5.5.5	NEPM-QA-0901	Plant Transient and Fatigue Monitoring Program
2.1.6 Inservice Testing	Tech Spec 5.5.6	NDAP-QA-0423	Station Pump and Valve Testing Program
		NDAP-QA-0480	ASME Section XI System and Component Pressure Testing
		NDAP-QA-1608	Inservice Inspection (ISI)
2.1.7 Ventilation Filter Testing	Tech Spec 5.5.7	NDAP-QA-0407	Filter Testing of HEPA and Charcoal Filtration Units
2.1.8 Explosive Gas and Storage Tank Radioactivity Monitoring	Tech Spec 5.5.8	NDAP-QA-1180	Storage Tank Radioactivity Monitoring Program
		TRO 3.7.5.1	Main Condenser Offgas Hydrogen Monitor
		TRO 3.7.5.2	Main Condenser Explosive Gas Mixture

(continued)

Table 2.1-1
PLANT PROGRAMS
(Page 3 of 3)

PROGRAM DESIGNATION		PROGRAM SOURCE	IMPLEMENTING DOCUMENT	
2.1.9	Diesel Fuel Oil Testing	Tech Spec 5.5.9	NDAP-QA-0633	Diesel Fuel Oil Testing
2.1.10	Technical Specification (TS) Bases Control	Tech Spec 5.5.10	NDAP-QA-0730	Controlling Changes to Licensing Documents
2.1.11	Safety Function Determination	Tech Spec 5.5.11	NDAP-QA-0312	Safety Function Determination Program
2.1.12	Primary Containment Leakage Rate Testing	Tech Spec 5.5.12	NDAP-QA-0412	Leakage Rate Test Program
2.1.13	Fire Protection	Item d; Tech Spec 5.4.1	NDAP-QA-0449	Fire Protection Program

B 3.3.7 Main Turbine Overspeed Protection System

BASES

TRO

The Main Turbine Overspeed Protection System is designed to protect the main turbine from excessive overspeed by initiating a turbine trip by fast closure of the turbine control valves and closure of the intercept valves to essentially secure all steam flow to the turbine (Ref. 1).

To protect the turbine generator from overspeed conditions, two trip devices are provided. Either device, when initiated, will close the main stop valves, control valves, and combined intermediate valves thus isolating the turbine (Ref. 2).

These two trip devices are as follows:

- A mechanical overspeed trip which is initiated if the turbine speed reaches approximately 10% above rated speed, and
- An electrical overspeed trip which serves as a backup to the mechanical trip and is initiated at approximately 12% above rated speed.

OPERABILITY of at least 1 of the 2 overspeed protection systems is required for the Turbine Overspeed Protection System to be considered OPERABLE.

Main Turbine Overspeed Protection System (MTOPS) OPERABILITY is also based upon the ability of the valves that control steam flow to the turbine to close following the receipt of a closure signal. The 4 stop valves, 4 control valves, 6 intermediate stop valves, and 6 intercept valves make up a system of 20 valves. A single failure to any one of the above system of 20 valves will not prevent a turbine trip (Ref. 2). Hence, if 19 of the 20 noted valves are OPERABLE, the MTOPS is OPERABLE. Note that for this statement to be true, the intermediate stop valves and intercept valves are considered separate valves. Overspeed protection is only disabled on a CIV failure if both valves within a CIV are inoperable. Failure of only one valve in a CIV does not prevent an overspeed trip, and does not affect operability. Actions to close one inoperable valve if two valves are inoperable maintain the unit within the analysis in Ref. 2. However, redundancy is reduced and repairs should be completed in accordance with the corrective action program.

Excessive turbine overspeed could generate potentially damaging missiles that could present a personnel and equipment hazard. MTOPS is not necessary to provide adequate protection of the public health and safety and is not required to obviate the possibility of an abnormal situation or event giving rise to an immediate threat to the public health and safety.

ACTIONS

The Actions are defined to ensure proper corrective measures are taken in response to the inoperable components.

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