




GINNA STATION

TRM
Revision 0

TECHNICAL REQUIREMENTS MANUAL (TRM)


Responsible Manager

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LIMITING CONDITIONS FOR OPERATION (LCO) APPLICABILITY SURVEILLANCE REQUIREMENT (SR) APPLICABILITY

The Technical Requirements (TRs) in this manual follow the same LCO applicabilities as the Improved Technical Specifications with the exception of LCO 3.0.6 which deals solely with ITS LCOs on support/supported system inoperabilities. The Technical Surveillance Requirements (TSRs) in this manual follow the same SR applicabilities as the Improved Technical Specifications.

The TRs in this manual also follow the same organization as the Improved Technical Specifications (e.g., Reactivity Control System requirements are contained in TR Chapter 3.1).

Boron Injection System - MODES 1, 2, 3, and 4
TR 3.1.1

ACTIONS (continued)

CONDITION	REQUIRED ACTIONS	COMPLETION TIME
D. Required Action and associated Completion Time of Condition C not met.	D.1 Be in MODE 5.	30 hours
E. Both boron injection subsystems inoperable.	E.1 Enter LCO 3.0.3.	Immediately

3.1 REACTIVITY CONTROL SYSTEMS

3.1.2 Boron Injection System--MODES 5 and 6

TR 3.1.2 One boron injection subsystem shall be OPERABLE.

APPLICABILITY: MODES 5 and 6.

ACTIONS

CONDITION	REQUIRED ACTIONS	COMPLETION TIME
A. Required boron injection subsystem inoperable.	A.1 Suspend CORE ALTERATIONS.	Immediately
	<u>AND</u>	
	A.2 Suspend positive reactivity changes.	Immediately
	<u>AND</u>	
	A.3 Initiate action to restore required boron injection subsystem to OPERABLE status.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
TSR 3.1.2.1 Verify boron injection subsystem suction source boron concentration is \geq 2000 ppm.	Twice per week



3.3 INSTRUMENTATION

3.3.1 Control Room Emergency Air Treatment System (CREATS) Toxic Gas Instrumentation

TR 3.3.1 The CREATS actuation instrumentation for each toxic gas Function in Table TR 3.3.1-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, 4, 5 and 6.

ACTIONS

-----NOTE-----
CREATS air intake may be unisolated for up to 1 hour per day for fresh air makeup to improve the working environment in the control room.

CONDITION	REQUIRED ACTIONS	COMPLETION TIME
A. One or more toxic gas functions with one channel inoperable.	A.1 Place CREATS in MODE F.	1 hour

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
TSR 3.3.1.1 Perform COT.	31 days
TSR 3.3.1.2 Perform CHANNEL CALIBRATION.	18 months

3.3 INSTRUMENTATION

3.3.2 Circulating Water Flood Protection Instrumentation

TR 3.3.2 The Circulating Water Flood Protection instrumentation for each Function in Table TR 3.3.2-1 shall be OPERABLE.

APPLICABILITY: MODES 1 and 2.

ACTIONS

-----NOTE-----
Separate Condition entry is allowed for each set.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more Functions with one required channel in one or more set(s) inoperable.	A.1. Initiate action to verify that affected function set is OPERABLE.	Immediately
B. One or more Functions with two or more required channels per set inoperable.	B.1. Restore set to OPERABLE status.	7 days
C. One or more Functions with both sets inoperable.	C.1. Restore at least one set to OPERABLE status.	24 hours
D. Required Action and Associated Completion Time not met.	D.1. Be in MODE 3.	6 hours



3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.1 Reactor Vessel Head Vents

TR 3.4.1 Two reactor vessel head vent valves, in one vent flow path, shall be OPERABLE and closed.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

CONDITION	REQUIRED ACTIONS	COMPLETION TIME
<p>A. One or more required reactor vessel head vent valves inoperable.</p> <p><u>OR</u></p> <p>One or more required reactor vessel head vent valves open.</p>	<p>-----NOTE----- LCO 3.0.4 is not applicable. -----</p>	
	<p>A.1 Initiate action to close required vent valve(s).</p>	Immediately
	<p><u>AND</u></p> <p>A.2 Initiate action to remove motive power from each required vent valve actuator.</p> <p><u>AND</u></p> <p>A.3 Restore required reactor vessel head vent valve(s) to OPERABLE status.</p>	<p>Immediately</p> <p>30 days</p>
<p>B. Required Actions and associated Completion Time not met.</p>	<p>B.1 Be in MODE 3.</p>	6 hours
	<p><u>AND</u></p> <p>B.2 Be in MODE 4.</p>	36 hours



SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
TSR 3.4.1.1 Verify the required reactor head vent manual isolation valves are locked open.	18 months
TSR 3.4.1.2 Verify flow through the required reactor vessel head vent path using either liquid or gas.	18 months



3.7 PLANT SYSTEMS

There are no technical requirements associated with this Chapter.



3.9 REFUELING OPERATIONS

3.9.3 Refueling Manipulator Crane Interlocks

TR 3.9.3 The refueling manipulator crane interlocks shall be OPERABLE.

APPLICABILITY: During use of the refueling manipulator crane with fuel in the vessel.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Refueling manipulator crane interlocks inoperable.	A.1 Suspend use of refueling manipulator crane.	Immediately

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
TSR 3.9.3.1 Verify the refueling manipulator crane interlocks are OPERABLE.	Once prior to refueling operations