

TABLE OF CONTENTS

3.4	REACTOR COOLANT SYSTEM (RCS).....	3.4.1-1
3.4.1	RCS Pressure, Temperature, and Flow Departure from Nucleate Boiling (DNB) Limits.....	3.4.1-1
3.4.2	RCS Minimum Temperature for Criticality.....	3.4.2-1
3.4.3	RCS Pressure and Temperature (P/T) Limits	3.4.3-1
3.4.4	RCS Loops — MODES 1 and 2	3.4.4-1
3.4.5	RCS Loops — MODE 3.....	3.4.5-1
3.4.6	RCS Loops — MODE 4.....	3.4.6-1
3.4.7	RCS Loops — MODE 5, Loops Filled.....	3.4.7-1
3.4.8	RCS Loops — MODE 5, Loops Not Filled	3.4.8-1
3.4.9	Pressurizer	3.4.9-1
3.4.10	Pressurizer Safety Valves.....	3.4.10-1
3.4.11	Pressurizer Power Operated Relief Valves (PORVs).....	3.4.11-1
3.4.12	Low Temperature Overpressure Protection (LTOP) System	3.4.12-1
3.4.13	RCS Operational LEAKAGE.....	3.4.13-1
3.4.14	RCS Pressure Isolation Valve (PIV) Leakage.....	3.4.14-1
3.4.15	RCS Leakage Detection Instrumentation.....	3.4.15-1
3.4.16	RCS Specific Activity	3.4.16-1
3.5	EMERGENCY CORE COOLING SYSTEMS (ECCS).....	3.5.1-1
3.5.1	Accumulators.....	3.5.1-1
3.5.2	ECCS — Operating.....	3.5.2-1
3.5.3	ECCS — Shutdown.....	3.5.3-1
3.5.4	Refueling Water Storage Tank (RWST)	3.5.4-1
3.5.5	Seal Injection Flow	3.5.5-1
3.5.6	ECCS Recirculation Fluid pH Control System.....	3.5.6-1
3.6	CONTAINMENT SYSTEMS.....	3.6.1-1
3.6.1	Containment.....	3.6.1-1
3.6.2	Containment Air Locks	3.6.2-1
3.6.3	Containment Isolation Valves	3.6.3-1
3.6.4	Containment Pressure.....	3.6.4-1
3.6.5	Containment Air Temperature	3.6.5-1
3.6.6	Containment Spray and Cooling Systems	3.6.6-1
3.6.7	Deleted	3.6.7-1
3.6.8	Hydrogen Mixing System (HMS).....	3.6.8-1
3.6.9	Reactor Cavity Hydrogen Dilution System.....	3.6.9-1
3.7	PLANT SYSTEMS	3.7.1-1
3.7.1	Main Steam Safety Valves (MSSVs).....	3.7.1-1
3.7.2	Main Steam Isolation Valves (MSIVs).....	3.7.2-1

3.3 INSTRUMENTATION

3.3.3 Post Accident Monitoring (PAM) Instrumentation

LCO 3.3.3 The PAM instrumentation for each Function in Table 3.3.3-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

-----NOTES-----

1. LCO 3.0.4 is not applicable.
 2. Separate Condition entry is allowed for each Function.
-

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more Functions with one required channel inoperable.	A.1 Restore required channel to OPERABLE status.	30 days
B. Required Action and associated Completion Time of Condition A not met.	B.1 Initiate action in accordance with Specification 5.6.8.	Immediately
C. One or more Functions with two required channels inoperable.	C.1 Restore one channel to OPERABLE status.	7 days

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
D. Required Action and associated Completion Time of Condition C not met.	D.1 Enter the Condition referenced in Table 3.3.3-1 for the channel.	Immediately
E. As required by Required Action D.1 and referenced in Table 3.3.3-1.	E.1 Be in MODE 3.	6 hours
	<u>AND</u> E.2 Be in MODE 4.	12 hours
F. As required by Required Action D.1 and referenced in Table 3.3.3-1.	F.1 Initiate action in accordance with Specification 5.6.8.	Immediately

SURVEILLANCE REQUIREMENTS

-----NOTE-----

SR 3.3.3.1 and SR 3.3.3.2 apply to each PAM instrumentation Function in Table 3.3.3-1.

SURVEILLANCE	FREQUENCY
SR 3.3.3.1 Perform CHANNEL CHECK for each required instrumentation channel that is normally energized.	31 days
SR 3.3.3.2 Perform CHANNEL CALIBRATION.	18 months

Table 3.3.3-1 (page 1 of 1)
Post Accident Monitoring Instrumentation

FUNCTION	REQUIRED CHANNELS	CONDITION REFERENCED FROM REQUIRED ACTION D.1
1. RCS Hot Leg Temperature (Wide Range)	2	E
2. RCS Cold Leg Temperature (Wide Range)	2	E
3. RCS Pressure (Wide Range)	2	E
4. Steam Generator (SG) Water Level (Wide or Narrow Range)	2/SG	E
5. Refueling Water Storage Tank Level	2	E
6. Containment Pressure (Narrow Range)	2	E
7. Pressurizer Water Level	2	E
8. Steam Line Pressure	2/SG	E
9. Auxiliary Feedwater Flow Rate	2	E
10. RCS Subcooling Margin Monitor	2	E
11. Containment Water Level (Wide Range)	2	E
12. Core Exit Temperature - Quadrant 1	2(a)	E
13. Core Exit Temperature - Quadrant 2	2(a)	E
14. Core Exit Temperature - Quadrant 3	2(a)	E
15. Core Exit Temperature - Quadrant 4	2(a)	E
16. Reactor Vessel Level Indicating System	2	F
17. Condensate Storage Tank Level	2	E
18. Deleted		
19. Containment Area Radiation (High Range)	2	F

(a) A channel consists of two core exit thermocouples.

DELETED

Additional page deleted:
3.6.7-2