

3.3 INSTRUMENTATION

3.3.7 Post Accident Monitoring (PAM) Instrumentation

LCO 3.3.7 The PAM instrumentation for each Function in Table 3.3.7-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

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1. LCO 3.0.4 is not applicable.
 2. Separate Condition entry is allowed for each Function.
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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 5.6.6.	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. (Not used)		
E. Required Action and associated Completion Time of Condition C not met.	E.1 Enter the Condition referenced in Table 3.3.7-1 for the channel.	Immediately
F. As required by Required Action E.1 and referenced in Table 3.3.7-1.	F.1 Be in MODE 3. <u>AND</u> F.2 Be in MODE 4.	6 hours 30 hours
G. As required by Required Action E.1 and referenced in Table 3.3.7-1.	G.1 Initiate action in accordance with Specification 5.6.6.	Immediately

Table 3.3.7-1 (page 1 of 1)
Post Accident Monitoring Instrumentation

FUNCTION	REQUIRED CHANNELS	CONDITIONS REFERENCED FROM REQUIRED ACTION E.1
1. Primary Coolant System Hot Leg Temperature (wide range)	2	F
2. Primary Coolant System Cold Leg Temperature (wide range)	2	F
3. Wide Range Neutron Flux	2	F
4. Containment Floor Water Level (wide range)	2	F
5. Subcooled Margin Monitor	2	F
6. Pressurizer Level (wide range)	2	F
7. (Deleted)		
8. Condensate Storage Tank Level	2	F
9. Primary Coolant System Pressure (wide range)	2	F
10. Containment Pressure (wide range)	2	F
11. Steam Generator A Water Level (wide range)	2	F
12. Steam Generator B Water Level (wide range)	2	F
13. Steam Generator A Pressure	2	F
14. Steam Generator B Pressure	2	F
15. Containment Isolation Valve Position	1 per valve ^(a)	F
16. Core Exit Temperature - Quadrant 1	4	F
17. Core Exit Temperature - Quadrant 2	4	F
18. Core Exit Temperature - Quadrant 3	4	F
19. Core Exit Temperature - Quadrant 4	4	F
20. Reactor Vessel Water Level	2	G
21. Containment Area Radiation (high range)	2	G

(a) Not required for isolation valves whose associated penetration is isolated by at least one closed and de-activated automatic valve, closed manual valve, blind flange, or check valve with flow through the valve secured.