

TABLE TS.3.5-4

INSTRUMENT OPERATING CONDITIONS FOR ISOLATION FUNCTIONS

<u>FUNCTIONAL UNIT</u>	<u>1</u> MINIMUM OPERABLE CHANNELS	<u>2</u> MINIMUM DEGREE OF REDUNDANCY	<u>3</u> PERMISSIBLE BYPASS CONDITIONS	<u>4</u> OPERATOR ACTION IF CONDITIONS OF COLUMN 1 OR 2 CANNOT BE MET
1. CONTAINMENT ISOLATION				
a. Safety Injection			(See Item No. 1 of Table TS.3.5-3)	Hot shutdown**
b. Manual	2	1		Hot shutdown
2. CONTAINMENT VENTILATION ISOLATION				
a. Safety Injection			(See Item No. 1 of Table TS.3.5-3)	Maintain Purge service Purge Valves closed if conditions of a, b, or c cannot be met above Cold Shutdown or (2) if conditions of b or c cannot be met during fuel handling in containment.
b. High Radiation in Exhaust Air	2	1		
c. Manual	2	1		
3. STEAM LINE ISOLATION				
a. Hi-Hi Steam Flow with Safety Injection	2	1		Hot shutdown**
b. Hi Steam Flow and 2 of 4 Low T _{avg} with Safety Injector	2	1		Hot shutdown**
c. Hi Containment Pressure	1/loop	1		Hot shutdown**
d. Manual	1/loop	-		Hot shutdown**
4. EMERGENCY COOLDOWN EQUIPMENT ROOM ISOLATION				
a. High temperature in ventilation system ducts	2	1		Hot shutdown**

**If minimum conditions are not met within 24 hours, steps shall be taken on the affected unit to place the unit in cold shutdown conditions.

Unit 1 - Amendment No. 46, 70
Unit 2 - Amendment No. 40, 64

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F. Yard Hydrant Hose Houses

1. Whenever equipment in the following buildings is required to be operable, the yard hydrant hose houses in the main yard loop adjacent to each building shall be operable:
 - a. Unit No. 1 Reactor Building
 - b. Unit No. 2 Reactor Building
 - c. Turbine Building
 - d. Auxiliary Building
 - e. Screen House
2. If Specification 3.14.F.1 cannot be met, within one hour have sufficient additional lengths of 2-1/2 inch diameter hose located in adjacent operable yard hydrant hose house(s) to provide service to the unprotected area(s).

Restore the yard hydrant hose house(s) to Operable status within 14 days or submit a 30-day written report outlining the cause of the inoperability and the plans and schedule for restoring the houses to Operable status.

G. Penetration Fire Barriers

1. All penetration fire barriers in fire area boundaries protecting equipment required to be operable shall be operable.
2. If Specification 3.14.G.1 cannot be met, a continuous fire watch shall be established on at least one side of the affected penetration(s) within one hour.

Restore the inoperable penetration fire barriers to Operable status within 14 days or submit a 30-day written report outlining the cause of the inoperability and the plans and schedule for restoring the barriers to Operable status.