

ACTIONS (continued)

| CONDITION  | REQUIRED ACTION   | COMPLETION TIME    |
|--|---|--------------------|
| <p>B. -----NOTE-----<br/>Only applicable in<br/>MODE 1, 2, 3, or 4<br/>when the Containment<br/>Inservice Purge System<br/>is not isolated.<br/>-----</p> <p>One or more Functions<br/>with one or more manual<br/>or automatic actuation<br/>trains inoperable.</p> <p><u>OR</u></p> <p>Two required radiation<br/>monitoring channels<br/>inoperable.</p> <p><u>OR</u></p> <p>Required Action and<br/>associated Completion<br/>Time of Condition A not<br/>met.</p> | <p>B.1 Enter applicable Conditions<br/>and Required Actions of<br/>LCO 3.6.3, "Containment<br/>Isolation Valves," for<br/>containment inservice (low<br/>flow) purge valves made<br/>inoperable by isolation<br/>instrumentation.</p> | <p>Immediately</p> |

**SURVEILLANCE REQUIREMENTS**

-----NOTE-----  
 Refer to Table 3.3.5-1 to determine which SRs apply for each Containment Ventilation Isolation Function.  
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| SURVEILLANCE  | FREQUENCY                         |
|---|-----------------------------------|
| SR 3.3.5.1 Perform CHANNEL CHECK.   | 12 hours                          |
| SR 3.3.5.2 Perform ACTUATION LOGIC TEST.  | 31 days on a STAGGERED TEST BASIS |
| SR 3.3.5.3 Perform COT.   | 31 days                           |
| SR 3.3.5.4 Perform SLAVE RELAY TEST.  | 24 months                         |
| SR 3.3.5.5 -----NOTE-----<br>Verification of setpoint is not required.<br>-----<br><br>Perform TADOT. | 24 months                         |
| SR 3.3.5.6 Perform CHANNEL CALIBRATION.   | 24 months                         |

Containment Ventilation Isolation Instrumentation  
3.3.5

Table 3.3.5-1 (page 1 of 1)  
Containment Ventilation Isolation Instrumentation

| FUNCTION                           | APPLICABLE<br>MODES OR<br>OTHER<br>SPECIFIED<br>CONDITIONS   | REQUIRED<br>CHANNELS | SURVEILLANCE<br>REQUIREMENTS           | ALLOWABLE<br>VALUE |
|------------------------------------|--|----------------------|--|--------------------|
| 1. Manual Initiation               | 1 <sup>(a)</sup> , 2 <sup>(a)</sup> , 3 <sup>(a)</sup> , 4 <sup>(a)</sup>                              | 2                    | SR 3.3.5.5                             | NA                 |
| 2. Automatic Actuation Relay Logic | 1 <sup>(a)</sup> , 2 <sup>(a)</sup> , 3 <sup>(a)</sup> , 4 <sup>(a)</sup>                              | 2 trains             | SR 3.3.5.2<br>SR 3.3.5.4               | NA                 |
| 3. High Radiation in Exhaust Air   | 1 <sup>(a)</sup> , 2 <sup>(a)</sup> , 3 <sup>(a)</sup> , 4 <sup>(a)</sup>                              | 2<br>(1 per train)   | SR 3.3.5.1<br>SR 3.3.5.3<br>SR 3.3.5.6 | (c)                |
| 4. Manual Containment Isolation    | Refer to LCO 3.3.2, "ESFAS Instrumentation," Function 3.a., for initiation functions and requirements. |                      |  |                    |
| 5. Safety Injection                | Refer to LCO 3.3.2, "ESFAS Instrumentation," Function 1, for initiation functions and requirements.    |                      |  |                    |
| 6. Manual Containment Spray        | Refer to LCO 3.3.2, "ESFAS Instrumentation," Function 2.a., for initiation functions and requirements. |                      |  |                    |

(a) When the Containment Inservice Purge System is not isolated.

(c)  $\leq$  count rate corresponding to 500 mrem/year whole body and 3000 mrem/year skin due to noble gases at the site boundary.

3.9 REFUELING OPERATIONS

3.9.4 Containment Penetrations

LCO 3.9.4 The containment penetrations shall be in the following status:

- a. The equipment hatch closed and held in place by four bolts;
- b. One door in each air lock closed, and
- c. Each penetration providing direct access from the containment atmosphere to the outside atmosphere closed by a manual or automatic isolation valve, blind flange, or equivalent.

-----NOTE-----

Penetration flow path(s) providing access from the containment atmosphere to the outside atmosphere may be unisolated under administrative controls.

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APPLICABILITY: During movement of recently irradiated fuel assemblies within containment.

ACTIONS

| CONDITION   | REQUIRED ACTION   | COMPLETION TIME |
|---|---|-----------------|
| A. One or more containment penetrations not in required status. | A.1 Suspend movement of recently irradiated fuel assemblies within containment. | Immediately     |

SURVEILLANCE REQUIREMENTS

| SURVEILLANCE   | FREQUENCY |
|--|-----------|
| SR 3.9.4.1 Verify each required containment penetration is in the required status. | 7 days    |