

3.6 CONTAINMENT SYSTEMS

3.6.1.3 Primary Containment Isolation Valves (PCIVs)

LCO 3.6.1.3 Each PCIV shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.
When associated instrumentation is required to be OPERABLE per LCO 3.3.6.1, "Primary Containment Isolation Instrumentation."

ACTIONS

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1. Penetration flow paths may be unisolated intermittently under administrative controls.
 2. Separate Condition entry is allowed for each penetration flow path.
 3. Enter applicable Conditions and Required Actions for systems made inoperable by PCIVs.
 4. Enter applicable Conditions and Required Actions of LCO 3.6.1.1, "Primary Containment," when PCIV leakage results in exceeding overall containment leakage rate acceptance criteria in MODES 1, 2, and 3.
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CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>A. -----NOTE----- Only applicable to penetration flow paths with two PCIVs except for the H₂ O₂ Analyzer penetrations. -----</p> <p>One or more penetration flow paths with one PCIV inoperable except for purge valve leakage not within limit.</p>	<p>A.1 Isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve, blind flange, or check valve with flow through the valve secured.</p> <p><u>AND</u></p>	<p>4 hours except for main steam line</p> <p><u>AND</u></p> <p>8 hours for main steam line</p> <p>(continued)</p>

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>B. -----NOTE----- Only applicable to penetration flow paths with two PCIVs except for the H₂ O₂ Analyzer penetrations. -----</p> <p>One or more penetration flow paths with two PCIVs inoperable except for purge valve leakage not within limit.</p>	<p>B.1 Isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve, or blind flange.</p>	<p>1 hour</p>
<p>C. -----NOTE----- Only applicable to penetration flow paths with only one PCIV. -----</p> <p>One or more penetration flow paths with one PCIV inoperable.</p>	<p>C.1 Isolate the affected penetration flow path by use of at least one closed and de-activated automatic valve, closed manual valve, or blind flange.</p> <p><u>AND</u></p> <p>C.2 -----NOTE----- Isolation devices in high radiation areas may be verified by use of administrative means. -----</p> <p>Verify the affected penetration flow path is isolated.</p>	<p>72 hours except for excess flow check valves (EFCVs)</p> <p><u>AND</u></p> <p>12 hours for EFCVs</p> <p>Once per 31 days</p>

(continued)

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>D. -----NOTE----- Only applicable to the H₂ O₂ Analyzer penetrations. ----- One or more H₂ O₂ Analyzer penetrations with one or two PCIVs inoperable.</p>	<p>D.1 Isolate the affected penetration flow path by the use of at least one closed and de-activated automatic valve, closed manual valve or blind flange. <u>AND</u> D.2 Verify the affected penetration flow path is isolated.</p>	<p>72 hours Once per 31 days</p>
<p>E. Secondary containment bypass leakage rate not within limit.</p>	<p>E.1 Restore leakage rate to within limit.</p>	<p>4 hours</p>
<p>F. One or more penetration flow paths with one or more containment purge valves not within purge valve leakage limit.</p>	<p>F.1 Restore the valve leakage to within valve leakage limit.</p>	<p>24 hours</p>
<p>G. Required Action and associated Completion Time of Condition A, B, C, D, E or F not met in MODE 1, 2, or 3.</p>	<p>G.1 Be in MODE 3. <u>AND</u> G.2 Be in MODE 4.</p>	<p>12 hours 36 hours</p>
<p>H. Required Action and associated Completion Time of Condition A, B, C, D, E or F not met for PCIV(s) required to be OPERABLE during MODE 4, 5 or Operations with the potential for draining the reactor vessel (OPDRVs).</p>	<p>H.1 Initiate action to suspend OPDRVs. <u>OR</u> G.2 Initiate action to restore valve(s) to OPERABLE status.</p>	<p>Immediately Immediately</p>