

3.7 PLANT SYSTEMS

3.7.11 Control Room Emergency Air Cleanup System (CREACUS)

LCO 3.7.11 Two CREACUS trains shall be OPERABLE.

-----NOTE-----
The control room boundary may be opened intermittently under administrative control.

APPLICABILITY: MODES 1, 2, 3, 4, 5, and 6,
During movement of irradiated fuel assemblies.

ACTIONS -----NOTES-----
1. The provisions of LCO 3.0.4 are not applicable when entering MODES 5, 6, or defueled configuration.
2. Each Unit shall enter applicable ACTIONS separately.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One CREACUS train inoperable.	A.1 Restore CREACUS train to OPERABLE status.	7 days
B. Two CREACUS trains inoperable due to inoperable control room boundary in Modes 1, 2, 3, or 4.	B.1 Restore control room boundary to OPERABLE status.	24 hours
C. Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 5.	36 hours
		(continued)

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>D. Required Action and associated Completion Time of Condition A not met in MODES 5 or 6, or during movement of irradiated fuel assemblies.</p>	<p>D.1 Place OPERABLE CREACUS train in emergency radiation protection mode.</p> <p><u>OR</u></p> <p>D.2.1 Suspend CORE ALTERATIONS.</p> <p><u>AND</u></p> <p>D.2.2 Suspend movement of irradiated fuel assemblies.</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p>
<p>E. Two CREACUS trains inoperable in MODES 5 or 6, or during movement of irradiated fuel assemblies.</p>	<p>E.1 Suspend CORE ALTERATIONS.</p> <p><u>AND</u></p> <p>E.2 Suspend movement of irradiated fuel assemblies.</p>	<p>Immediately</p> <p>Immediately</p>
<p>F. Two CREACUS trains inoperable in MODE 1, 2, 3, or 4 for reasons other than Condition B.</p>	<p>F.1 Enter LCO 3.0.3.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.7.11.1 Operate each CREACUS train for ≥ 2 hours.	31 days
SR 3.7.11.2 Perform required CREACUS filter testing in accordance with Ventilation Filter Testing Program (VFTP).	In accordance with the VFTP
SR 3.7.11.3 Verify each CREACUS train actuates on an actual or simulated actuation signal.	24 months
SR 3.7.11.4 Verify each CREACUS train can maintain a positive pressure of ≥ 0.125 inches water gauge, relative to the atmosphere during the emergency radiation state of the emergency mode of operation.	24 months