

3.7 PLANT SYSTEMS

3.7.10 Control Room Emergency Filtration System (CREFS) and Control Room Boundary (CRB)

LCO 3.7.10 Two CREFS trains and the CRB shall be OPERABLE.

-----NOTE-----
The control room envelope may be opened intermittently under administrative control in accordance with the [Ventilation Boundary Test Program (VBTP)].

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

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One CREFS train inoperable.	A.1 Restore CREFS train to OPERABLE status.	7 days
B. CRB inoperable.	B.1 Implement mitigating actions in accordance with [the VBTP Program]. <u>AND</u>	Immediately
	B.2 Verify control room occupant protection requirements, as specified by [the VBTP Program], can be met, using mitigating actions in accordance with [the VBTP Program]. <u>AND</u>	24 hours
	B.3 Restore CRB to OPERABLE status	[30] days

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>C. Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4.</p> <p><u>OR</u></p> <p>Two CREFS trains inoperable in MODE 1, 2, 3, or 4.</p>	<p>C.1 Be in MODE 3.</p> <p><u>AND</u></p>	6 hours
	<p>C.2 Be in MODE 5.</p>	36 hours
<p>D. Required Action and associated Completion Time of Condition A not met [in MODE 5 or 6, or] during movement of [recently] irradiated fuel assemblies.</p>	<p>D.1 -----NOTE----- [Place in toxic gas protection mode if automatic transfer to toxic gas protection mode is inoperable.] -----</p> <p>Place OPERABLE CREFS train in emergency mode.</p> <p><u>OR</u></p>	Immediately
	<p>D.2 Suspend movement of [recently] irradiated fuel assemblies.</p>	Immediately

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>E. Required Action and associated Completion Time of Condition B not met during movement of [recently] irradiated fuel assemblies.</p> <p><u>OR</u></p> <p>Two CREFS trains inoperable [in MODE 5 or 6, or] during movement of [recently] irradiated fuel assemblies.</p>	<p>E.1 Suspend movement of [recently] irradiated fuel assemblies.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.10.1	Operate each CREFS train for ≥ 10 continuous hours with the heaters operating or (for systems without heaters) ≥ 15 minutes].	31 days
SR 3.7.10.2	Perform required CREFS filter testing in accordance with the [Ventilation Filter Testing Program (VFTP)].	In accordance with the [VFTP]
SR 3.7.10.3	Verify each CREFS train actuates on an actual or simulated actuation signal.	[18] months

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.7.10.4	Verify one CREFS train can maintain differential pressure across the CRB within specified limits in accordance with the [VBTP Program].	[18] months on a STAGGERED TEST BASIS
SR 3.7.10.5	Verify unfiltered leakage into the control room past the CRB is less than or equal to specified limits in accordance with the [VBTP Program].	In accordance with the [VBTP Program]