

### 3.1 SFSC INTEGRITY

#### 3.1.2 SFSC Heat Removal System

LCO 3.1.2 The SFSC Heat Removal System shall be operable

-----NOTE-----  
The SFSC Heat Removal System is operable when 50% or more of the inlet and outlet vent areas are unblocked and available for flow or when air temperature requirements are met.  
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APPLICABILITY: During STORAGE OPERATIONS.

#### ACTIONS

-----NOTE-----  
Separate Condition entry is allowed for each SFSC.  
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CONDITION	REQUIRED ACTION	COMPLETION TIME
A. SFSC Heat Removal System operable, but partially (< 50%) blocked.	A.1 Remove blockage.	N/A
AB. SFSC Heat Removal System inoperable.	AB.1 Restore SFSC Heat Removal System to operable status.	8 hours

CONDITION	REQUIRED ACTION	COMPLETION TIME
BC. Required Action A.1 and associated Completion Time not met.	BC.1 Measure SFSC dose rates in accordance with the Radiation Protection Program.	Immediately and once per 12 hours thereafter
	<u>AND</u>	
	BC.2.1 Restore SFSC Heat Removal System to operable status.	64 hours (aboveground OVERPACK, MPC heat $\leq$ 28.74 kW)  24 hours (aboveground OVERPACK, MPC heat > 28.74 kW)  18 hours (underground OVERPACK)
	<u>OR</u>	
	BC.2.2 Transfer the MPC into a TRANSFER CASK.	64 hours (aboveground OVERPACK, MPC heat $\leq$ 28.74 kW)  24 hours (aboveground OVERPACK, MPC heat > 28.74 kW)  18 hours (underground OVERPACK)

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.1.2-4</p> <p>Verify all OVERPACK inlet and outlet air ducts are free of blockage from solid debris (aboveground and underground overpacks) or floodwater (aboveground overpacks only).</p> <p><u>OR</u></p> <p>For OVERPACKs with installed temperature monitoring equipment, verify that the difference between the average OVERPACK air outlet temperature and ISFSI ambient temperature is <math>\leq 426155^{\circ}\text{F}</math> for aboveground OVERPACKs containing PWR MPCs, <math>\leq 137^{\circ}\text{F}</math> for aboveground OVERPACKs containing BWR MPCs, <math>\leq 85^{\circ}\text{F}</math> for underground OVERPACKs containing PWR MPCs, and <math>\leq 107^{\circ}\text{F}</math> for underground OVERPACKs containing BWR MPCs.</p>	<p>24 hours (aboveground OVERPACK)</p> <p>18 hours (underground OVERPACK)</p> <p>24 hours (aboveground OVERPACK)</p> <p>18 hours (underground OVERPACK)</p>