

SDC and Coolant Circulation-High Water Level  
3.9.4

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One required SDC loop inoperable or not in operation.	A.1 Initiate action to restore SDC loop to OPERABLE status and operation.	Immediately
	<u>AND</u>	
	A.2 Suspend operations that would cause introduction of coolant into the RCS with boron concentration less than required to meet the boron concentration of LCO 3.9.1.	Immediately
	<u>AND</u>	
	A.3 Suspend loading of irradiated fuel assemblies in the core.	Immediately
	<u>AND</u>	
	A.4.1 Close equipment hatch and secure with a minimum of four bolts, <u>OR</u>	4 hours
	A.4.2 Close the containment outage door.	4 hours
	<u>AND</u>	

SDC and Coolant Circulation-High Water Level  
3.9.4

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (Continued)	A.5 Close one door in each air lock.	4 hours
	<u>AND</u>	
	A.6.1 Close each penetration providing direct access from the containment atmosphere to the outside atmosphere with a manual or automatic isolation valve, blind flange, or equivalent.	4 hours
	<u>OR</u>	
	A.6.2 Verify each penetration is capable of being closed by an OPERABLE Containment Purge Valve Isolation System.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.9.4.1 Verify one SDC loop is in operation and circulating reactor coolant at a flow rate of $\geq 1500$ gpm.	12 hours

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. (Continued)	B.3.1 Close equipment hatch and secure with a minimum of four bolts,  <u>OR</u>	4 hours
	B.3.2 Close the containment outage door.  <u>AND</u>	4 hours
	B.4 Close one door in each air lock.  <u>AND</u>	4 hours
	B.5.1 Close each penetration providing direct access from the containment atmosphere to the outside atmosphere with a manual or automatic isolation valve, blind flange, or equipment.  <u>OR</u>	4 hours

SDC and Coolant Circulation-Low Water Level  
3.9.5

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. (Continued)	B.5.2 Verify each penetration is capable of being closed by an OPERABLE Containment Purge Valve Isolation System.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.9.5.1 Verify required SDC loops are OPERABLE and one SDC loop is in operation.	12 hours
SR 3.9.5.2 Verify SDC loop in operation is circulating reactor coolant at a flow rate of $\geq 1500$ gpm.	12 hours
SR 3.9.5.3 Verify correct breaker alignment and indicated power available to the required SDC loop components that are not in operation.	7 days