REACTOR COOLANT SYSTEM

OVERPRESSURE PROTECTION SYSTEMS

LIMITING CONDITION FOR OPERATION

3.4.8.3 Both shutdown cooling system (SCS) suction line relief valves with lift settings of less than or equal to 467 psig shall be OPERABLE and aligned to provide overpressure protection for the Reactor Coolant System.

APPLICABILITY: When the reactor vessel head is installed and the temperature of one or more of the RCS cold legs is less than or equal to:

a. 214°F during cooldown

b. 291°F during heatup

ACTION:

b. ~~a.~~ From MODES 5 or 6 With one SCS relief valve inoperable, 24 hours either (1) restore the inoperable valve to OPERABLE status within ~~seven days~~ or reduce T_{cold} to less than 200°F and, complete depressurization and venting of the RCS through ~~a greater than or equal to~~ at least a 16 square inch vent(s) within ~~the next eight~~ a total of 32 hours. Do not start a reactor coolant pump if the steam generator secondary water temperature is greater than 100°F above any RCS cold leg temperature.

c ~~b.~~ With both SCS relief valves inoperable, reduce T_{cold} to less than 200°F and, depressurize and vent the RCS through a greater than or equal to 16 square inch vent(s) within eight hours. Do not start a reactor coolant pump if the steam generator secondary water temperature is greater than 100°F above any RCS cold leg temperature.

e ~~c.~~ In the event either the SCS suction line relief valves or an RCS vent(s) are used to mitigate an RCS pressure transient, a Special Report shall be prepared and submitted to the Commission pursuant to Specification 6.9.2 within 30 days. The report shall describe the circumstances initiating the transient, the effect of the SCS suction line relief valves or RCS vent(s) on the transient and any corrective action necessary to prevent recurrence.

f ~~d.~~ The provisions of Specification 3.0.4 are not applicable.

d. With the RCS vented per ACTIONS a, b, or c, verify the vent pathway at least once per 31 days when the pathway is provided by a valve(s) that is locked, sealed, or otherwise secured in the open position; otherwise, verify the vent pathway every 12 hours.

a. From MODE 4 with one SCS relief valve inoperable, restore the inoperable valve to OPERABLE status within 7 days or depressurize and vent the RCS through at least a 16 square inch vent(s) within the next 8 hours. Do not start a reactor coolant pump if the steam generator water temperature is greater than 100°F above any RCS cold leg temperature.

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REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS

4.4.8.3.1 Each SCS suction line relief valve shall be verified to be aligned to provide overpressure protection for the RCS ~~once every 8 hours~~ during

a. Cooldown with the RCS temperature less than or equal to 214°F.

b. Heatup with the RCS temperature less than or equal to 291°F.

4.4.8.3.2 The SCS suction line relief valves shall be verified OPERABLE ~~with the~~ as required ~~setpoint at least once per 18 months~~ by Specification 4.0.5.

at least once per 31 days when the pathway is provided by a valve(s) that is locked, sealed, or otherwise secured in the open position; otherwise verify alignment every 12 hours

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OVERPRESSURE PROTECTION SYSTEMS

LIMITING CONDITION FOR OPERATION

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OVERPRESSURE PROTECTION SYSTEMS

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