3/4.10.9 NATURAL CIRCULATION TESTING PROGRAM

LIMITING CONDITION FOR OPERATION

3.10.9 The limitations of Specifications 3.4.1.2, 3.4.1.3, and 3.7.1.6 may be suspended during the performance of the Startup Natural Circulation Testing Program * provided:

a. Operations involving a reduction in boron concentration of the Reactor Coolant System are suspended.

b. Core outlet temperature is maintained at least 10° F below Saturation temperature.

c. A reactor coolant pump shall not be started with one or more of Reactor Coolant System cold leg temperatures less than or equal to 255° F during cooldown, or 295° F during heatup, unless the secondary water temperature (saturation temperature corresponding to steam generator pressure) of each steam generator is less than 100° F above each of the Reactor Coolant System cold leg temperatures.

APPLICABILITY:

MODES 3 and 4 during Natural Circulation Testing.

ACTION:

With the Reactor Coolant System saturation margin less than 10° F, place at least one reactor coolant loop in operation, with at least one reactor coolant pump.

SURVEILLANCE REQUIREMENTS

4.10.9.1 The saturation margin shall be determined to be within the above limits by continuous monitoring with the saturation margin monitors required by Table 3.3-10 or, by calculating the saturation margin at least once per 30 minutes.

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*Startup Natural Circulation Testing Program:
Loss of Offsite Power Test at 50% power
Natural Circulation Cooldown Test at 80% power