

## SPECIAL TEST EXCEPTIONS

### 3/4.10.9 NATURAL CIRCULATION TESTING PROGRAM

#### LIMITING CONDITION FOR OPERATION

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- 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

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- 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.

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

PALO VERDE - Unit 1

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