

EMERGENCY CORE COOLING SYSTEMS

3/4.5.4 SUPPRESSION CHAMBER

LIMITING CONDITION FOR OPERATION

3.5.4 The suppression chamber shall be OPERABLE with a minimum contained water volume of 653,000 gallons, equivalent to a level of 12'2", and the water level instrumentation channels alarms adjusted to actuate at a low water level $\geq 12'2"$, except that the suppression chamber may be drained:

- a. In OPERATIONAL CONDITION 4, provided that;
 1. No work is performed which has a potential for draining the reactor vessel,
 2. The reactor mode switch is locked in the Shutdown position, and
 3. The core spray system is OPERABLE per Specification 3.5.3.1 with an OPERABLE flow path capable of taking suction from the OPERABLE condensate storage tank and transferring the water through the spray sparger to the reactor vessel.
- b. In OPERATIONAL CONDITION 5, provided that the reactor mode switch is locked in the Refuel position, and:
 1. The core spray system is OPERABLE per Specification 3.5.3.1 with an OPERABLE flow path capable of taking suction from the OPERABLE condensate storage tank and transferring the water through the spray sparger to the reactor vessel, or
 2. The reactor vessel head is removed and the cavity is flooded, the spent fuel pool gates are removed, and the water level is maintained within the limits of Specifications 3.9.9 and 3.9.10

APPLICABILITY: CONDITION 1, 2, 3, 4 and 5.

ACTION:

- a. In CONDITION 1, 2 or 3 with the suppression chamber water level less than the above limit, restore the water level to within the limit within 1 hour or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. In CONDITION 4 or 5 with the suppression chamber drained and the conditions of Specification 3.5.4.a or 3.5.4.b, as applicable, not satisfied, suspend all operations in the reactor vessel and all positive reactivity changes. The provisions of Specification 3.0.3 are not applicable.