

- 3.3.2 In addition to 3.3.1 above, the following ECCS equipment shall be operable when the reactor coolant system is above 350°F and irradiated fuel is in the core:
- (a) Two high pressure injection pumps shall be maintained operable to provide redundant and independent flow paths.
 - (b) Engineered Safety Feature valves and interlocks associated with 3.3.2a above shall be operable.
- 3.3.3 In addition to 3.3.1 and 3.3.2 above, the following ECCS equipment shall be operable when the reactor coolant system is above 800 psig:
- (a) The two core flooding tanks shall each contain a minimum of $13 \pm .44$ ft. (1040 ± 30 ft³) of borated water at 600 ± 25 psig.
 - (b) Core flooding tank boron concentration shall not be less than 1,800 ppm boron.
 - (c) The electrically-operated discharge valves from the core flood tanks shall be open and breakers locked open and tagged.
 - (d) One pressure instrument channel and one level instrument channel per core flood tank shall be operable.
- 3.3.4 The reactor shall not be made critical unless the following equipment in addition to 3.3.1, 3.3.2, and 3.3.3 is operable.
- (a) The other reactor building spray pump and its associated spray nozzle header.
 - (b) The remaining reactor building cooling fan and associated cooling unit.
 - (c) Engineered Safety Feature valves and interlocks associated with 3.3.4a and 3.3.4b shall be operable.
- 3.3.5 Except as noted in 3.3.6 below, tests or maintenance shall be allowed during power operation on any component(s) in the high pressure injection, low pressure injection, low pressure service water, reactor building spray, reactor building cooling which will not remove more than one train of each system from service. Components shall not be removed from service so that the affected system train is inoperable for more than 24*consecutive hours. If the system is not restored to meet the requirements of Specification 3.3.1, 3.3.2, 3.3.3, or 3.3.4, within 24 hours, the reactor shall be placed in a hot shutdown condition within 12 hours. If the requirements of Specification 3.3.1, 3.3.2, 3.3.3, or 3.3.4 are not met within an additional 48 hours, the reactor shall be placed in a condition below that reactor coolant system condition required in Specification 3.3.1, 3.3.2, 3.3.3, or 3.3.4 for the component degraded.

*In the case of Reactor Building spray valve 3BS-2, 72 consecutive hours are allowed to return the valve to operable status on a one-time basis only; this 72 hour allowance shall expire on February 10, 1978.