

PROPOSED TECHNICAL SPECIFICATION 3/4.5.2

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AEC90816/SNLICFLR

EMERGENCY CORE COOLING SYSTEMS3/4 5.2 ECCS - SHUTDOWNLIMITING CONDITION FOR OPERATION

3.5.2 At least two ^{***} of the following shall be OPERABLE: ^{***}

- a. The low pressure core spray (LPCS) system with a flow path capable of taking suction from the suppression pool and transferring the water through the spray sparger to the reactor vessel.
- b. Low pressure coolant injection (LPCI) subsystem "A" of the RHR system with a flow path capable of taking suction from the suppression pool ~~upon being manually realigned~~ and transferring the water to the reactor vessel.
- c. Low pressure coolant injection (LPCI) subsystem "B" of the RHR system with a flow path capable of taking suction from the suppression pool ~~upon being manually realigned~~ and transferring the water to the reactor vessel.
- d. Low pressure coolant injection (LPCI) subsystem "C" of the RHR system with a flow path capable of taking suction from the suppression pool ~~upon being manually realigned~~ and transferring the water to the reactor vessel.
- e. The high pressure core spray (HPCS) system with a flow path capable of taking suction from one of the following water sources and transferring the water through the spray sparger to the reactor vessel:
 1. From the suppression pool, or
 2. When the suppression pool level is less than the limit or is drained, from the condensate storage tank containing at least 170,000 available gallons of water, equivalent to a level of 18 feet.

APPLICABILITY: OPERATIONAL CONDITION 4 and 5^a.

ACTION:

INSERT 1

- a. ~~With one of the above required subsystems/systems inoperable, restore at least two subsystems/systems to OPERABLE status within 4 hours or suspend all operations that have a potential for draining the reactor vessel. The provisions of Specification 3.9.4 are not applicable for entry into OPERATIONAL CONDITION 5 from 5^a.~~
- b. With both of the above required subsystems/systems inoperable, suspend CORE ALTERATIONS and all operations that have a potential for draining the reactor vessel. Restore at least one subsystem/system to OPERABLE status within 4 hours or establish SECONDARY CONTAINMENT INTEGRITY within the next 8 hours.

* The ECCS is not required to be OPERABLE provided that the reactor vessel head is removed, the cavity is flooded, the reactor cavity and transfer canal gates in the upper containment pool are removed, and water level is maintained within the limits of Specifications 3.9.8 and 3.9.9.

~~* This exception is applicable until startup from the third refueling outage.~~

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With one of the above required subsystems/systems inoperable, provided an automatic subsystem/system is OPERABLE, restore at least two subsystems/systems to OPERABLE status within 4 hours or suspend all operations that have a potential for draining the reactor vessel. Otherwise, with no automatic subsystem/system OPERABLE, suspend all operations that have a potential for draining the reactor vessel

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- ** One of the two required ECCS subsystems/systems shall have an OPERABLE associated diesel generator.
- # One of the two required ECCS subsystems/systems may require manual realignment prior to initiation and injection.