

REQUEST FOR AMENDMENT
TECHNICAL SPECIFICATION SR 3.5.2.2
CONDENSATE STORAGE TANK WATER LEVEL
Attachment 3

Marked-Up Version of Technical Specification 3.5.2.2 and Associated Bases

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SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.5.2.2 Verify, for the required High Pressure Core Spray (HPCS) System, the:</p> <p>a. Suppression pool water level is \geq 18 ft 6 inches; or</p> <p>b. Condensate storage tank (CST) water level is \geq 14.8 ft in a single CST or \geq 9.1 ft in each CST.</p>	<p>12 hours</p>
<p>SR 3.5.2.3 Verify, for each required ECCS injection/spray subsystem, the piping is filled with water from the pump discharge valve to the injection valve.</p>	<p>31 days</p>
<p>SR 3.5.2.4 -----NOTE-----</p> <p>One low pressure coolant injection (LPCI) subsystem may be considered OPERABLE during alignment and operation for decay heat removal, if capable of being manually realigned and not otherwise inoperable.</p> <p>-----</p> <p>Verify each required ECCS injection/spray subsystem manual, power operated, and automatic valve in the flow path, that is not locked, sealed, or otherwise secured in position, is in the correct position.</p>	<p>31 days</p>

(continued)

BASES

ACTIONS

C.1, C.2, D.1, D.2, and D.3 (continued)

information, to determine if the components are out of service for maintenance or other reasons. It is not necessary to perform the Surveillances needed to demonstrate OPERABILITY of the components. If, however, any required component is inoperable, then it must be restored to OPERABLE status. In this case, the Surveillances may need to be performed to restore the component to OPERABLE status. Actions must continue until all required components are OPERABLE.

SURVEILLANCE
REQUIREMENTSSR 3.5.2.1 and SR 3.5.2.2

The minimum water level of 18 ft 6 inches required for the suppression pool is periodically verified to ensure that the suppression pool will provide adequate net positive suction head (NPSH) for the ECCS pumps, recirculation volume (135,000 gallons consistent with the CST volume requirements described below), and vortex prevention. With the suppression pool water level less than the required limit, all ECCS injection/spray subsystems are inoperable unless they are aligned to an OPERABLE CST.

When the suppression pool level is < 18 ft 6 inches, the HPCS System is considered OPERABLE only if it can take suction from the CST and the CST water level is sufficient to provide the required NPSH for the HPCS pump. Therefore, a verification that either the suppression pool water level is ≥ 18 ft 6 inches or the HPCS System is aligned to take suction from the CST and the CST contains $\geq 135,000$ gallons of water, equivalent to a level of 13.25 ft in a single CST or 7.6 ft in each CST, ensures that the HPCS System can supply makeup water to the RPV. above the top of the suction line. This

This volume of water is

9.1

14.8

The 12 hour Frequency of these SRs was developed considering operating experience related to suppression pool and CST water level variations and instrument drift during the applicable MODES. Furthermore, the 12 hour Frequency is considered adequate in view of other indications in the control room, including alarms, to alert the operator to an abnormal suppression pool or CST water level condition.

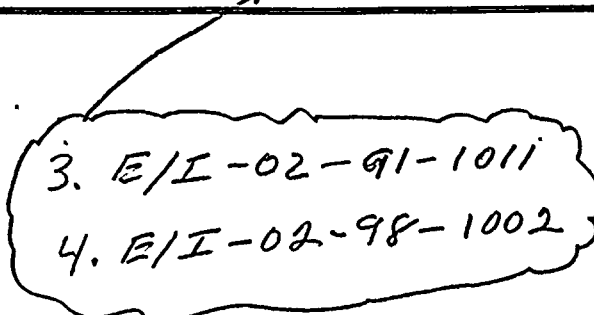
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Calculations that determine this water level are listed as References 3 and 4.

BASES (continued)

REFERENCES

1. FSAR, Section 6.3.3.4.
 2. 10 CFR 50.36(c)(2)(ii).
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3. E/I-02-91-1011
 4. E/I-02-98-1002

**REQUEST FOR AMENDMENT
TECHNICAL SPECIFICATION SR 3.5.2.2
CONDENSATE STORAGE TANK WATER LEVEL
Attachment 4**

Replacement Pages for Technical Specification 3.5.2.2

SURVEILLANCE REQUIREMENTS (continued)

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(continued)

