

ATTACHMENT

TO

2CAN069602

PROPOSED TECHNICAL SPECIFICATION

IN THE MATTER OF AMENDING

LICENSE NO. NPF-6

ENTERGY OPERATIONS, INC.

ARKANSAS NUCLEAR ONE, UNIT TWO

DOCKET NO. 50-368

REACTOR COOLANT SYSTEM

OVERPRESSURE PROTECTION

LIMITING CONDITION FOR OPERATION

3.4.12 Low temperature overpressure protection (LTOP) shall be OPERABLE with each SIT isolated*, and:

- a. Two LTOP relief valves with a lift setting of ≤ 430 psig, or
- b. The Reactor Coolant System depressurized with an RCS vent path ≥ 6.38 square inches,

* SIT isolation is only required when SIT pressure is greater than or equal to RCS pressure.

APPLICABILITY: MODE 4 with $T_C \leq 220^\circ\text{F}$, MODE 5, MODE 6 with reactor vessel head in place.

ACTION:

- a. With one LTOP relief valve inoperable in MODE 4, restore the inoperable valve to OPERABLE status within 7 days or depressurize and vent the RCS through a ≥ 6.38 square inch vent path within the next 8 hours.
- b. With one LTOP relief valve inoperable in MODE 5 or 6, either (1) restore the inoperable relief valve to OPERABLE status within 24 hours, or (2) complete depressurization and venting of the RCS through a ≥ 6.38 square inch vent path within a total of 32 hours.
- c. With both LTOP relief valves inoperable, depressurize and vent the RCS through a ≥ 6.38 square inch vent path within 8 hours.
- d. With a SIT not isolated, isolate the affected SIT within 1 hour. If required action is not met, either:
 - (1) Depressurize the SIT to less than the RCS pressure within 12 hours, or
 - (2) Increase cold leg temperature to greater than or equal to 220°F within 12 hours.
- e. The provisions of Specification 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

- 4.4.12.1 Verify both sets of LTOP relief valve isolation valves are open at least once per 72 hours when the LTOP relief valves are being used for overpressure protection.
- 4.4.12.2 The RCS vent path shall be verified to be open at least once per 12 hours** when the vent path is being used for overpressure protection.
- 4.4.12.3 Verify that each SIT is isolated, when required, once every 12 hours.
- 4.4.12.4 No additional LTOP relief valve Surveillance Requirements other than those required by Specification 4.0.5.

** Except when the vent path is provided with a valve which is locked, sealed, or otherwise secured in the open position, then verify this valve is open at least once per 31 days.