

St. Lucie Unit 2  
Docket No. 50-389  
Proposed License Amendment  
Safety Injection Tanks-MODE 4

ATTACHMENT 3 to L-98-115

**ST. LUCIE UNIT 2 MARKED-UP TECHNICAL SPECIFICATION PAGE**

Page 3/4 5-1

9806030220 980527  
PDR ADOCK 05000389  
P PDR

3/4.5 EMERGENCY CORE COOLING SYSTEMS (ECCS)

3/4.5.1 SAFETY INJECTION TANKS

LIMITING CONDITION FOR OPERATION

3.5.1 Each Reactor Coolant System safety injection tank shall be OPERABLE with:

- a. The isolation valve open,
- b. A contained borated water volume of between 1420 and 1556 cubic feet,
- c. A boron concentration of between 1720 and 2100 ppm of boron, and
- d. A nitrogen cover-pressure of between 500 and 650 psig.

APPLICABILITY: MODES 1, 2, 3\* and 4\* delete

ACTION:

- a. With one safety injection tank inoperable, except as a result of a closed isolation valve, restore the inoperable tank to OPERABLE status within 1 hour or be in at least HOT STANDBY within the next 6 hours and in HOT SHUTDOWN within the following 6 hours.
- b. With one safety injection tank inoperable due to the isolation valve being closed, either immediately open the isolation valve or be in at least HOT STANDBY within 1 hour and be in HOT SHUTDOWN within the next 12 hours.

SURVEILLANCE REQUIREMENTS

4.5.1.1 Each safety injection tank shall be demonstrated OPERABLE:

- a. At least once per 12 hours by:
  1. Verifying (by the absence of alarms) the contained borated water volume and nitrogen cover-pressure in the tanks, and
  2. Verifying that each safety injection tank isolation valve is open.

\*With pressurizer pressure greater than or equal to 1750 psia. When pressurizer pressure is less than 1750 psia, at least three safety injection tanks shall be OPERABLE, each with a minimum pressure of 235 psig and a maximum pressure of 650 psig and a contained water volume of between 1250 and 1556 cubic feet with a boron concentration of between 1720 and 2100 ppm of boron. With all four safety injection tanks OPERABLE, each tank shall have a minimum pressure of 235 psig and a maximum pressure of 650 psig and a contained water volume of between 833 and 1556 cubic feet with a boron concentration of between 1720 and 2100 ppm of boron. ~~In MODE 4 with pressurizer pressure less than 276 psia, the safety injection tanks may be isolated.~~ Delete