

POWER DISTRIBUTION LIMITS

LIMITING CONDITION FOR OPERATION

---

---

ACTION: (Continued)

2. Reduce THERMAL POWER to less than 50% of RATED THERMAL POWER within 2 hours and reduce the Power Range Neutron Flux-High Trip Setpoints to less than or equal to 55% of RATED THERMAL POWER within the next 4 hours; and
  3. Identify and correct the cause of the out-of-limit condition prior to increasing THERMAL POWER; subsequent POWER OPERATION above 50% of RATED THERMAL POWER may proceed provided that the QUADRANT POWER TILT RATIO is verified within its limit at least once per hour for 12 hours or until verified at 95% or greater RATED THERMAL POWER.
- d. The provisions of Specification 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

---

---

4.2.4.1 The QUADRANT POWER TILT RATIO shall be determined to be within the limit above 50% of RATED THERMAL POWER by:

- a. Calculating the ratio at least once per 7 days when the alarm is OPERABLE, and
- b. Calculating the ratio at least once per 12 hours during steady-state operation when the alarm is inoperable.

4.2.4.2 The QUADRANT POWER TILT RATIO shall be determined to be within the limit when above 75% of RATED THERMAL POWER with one Power Range channel inoperable by using the movable incore detectors to confirm that the normalized symmetric power distribution, obtained from two sets of four symmetric thimble locations or a full-core flux map, is consistent with the indicated QUADRANT POWER TILT RATIO at least once per 12 hours.

8406050053 840529  
PDR ADOCK 05000369  
PDR

### 3/4.5 EMERGENCY CORE COOLING SYSTEMS

#### 3/4.5.1 ACCUMULATORS

##### COLD LEG INJECTION

##### LIMITING CONDITION FOR OPERATION

---

---

- 3.5.1.1 Each cold leg injection accumulator shall be OPERABLE with:
- a. The isolation valve open,
  - b. A contained borated water volume of between;
    - 1) 8022 and 8256 gallons (Unit 1),
    - 2) 8261 and 8496 gallons (Unit 2),
  - c. A boron concentration of between 1900 and 2100 ppm,
  - d. A nitrogen cover-pressure of between 430 and 484 psig (Unit 1), 400 and 454 psig (Unit 2), and
  - e. A water level and pressure channel OPERABLE.

APPLICABILITY: MODES 1, 2, and 3\*.

##### ACTION:

- a. With one cold leg injection accumulator inoperable, except as a result of a closed isolation valve, restore the inoperable accumulator 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 cold leg injection accumulator 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 in HOT SHUTDOWN within the following 12 hours.

##### SURVEILLANCE REQUIREMENTS

---

---

- 4.5.1.1.1 Each cold leg injection accumulator shall be demonstrated OPERABLE:
- a. At least once per 12 hours by:
    - 1) Verifying the contained borated water volume and nitrogen cover-pressure in the tanks, and
    - 2) Verifying that each cold leg injection accumulator isolation valve is open.

---

\*Pressurizer pressure above 1000 psig.