

REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS (Continued)

- 4.4.1.1.2.4 The pump discharge valve and bypass valve in both loops shall be demonstrated OPERABLE by cycling each valve through at least one complete cycle of full travel during each startup\*\* prior to THERMAL POWER exceeding 25% of RATED THERMAL POWER.
- 4.4.1.1.2.5 The pump MG set scoop tube electrical and mechanical stop shall be demonstrated OPERABLE with overspeed setpoints less than or equal to 102.5% and 105%, respectively, of rated core flow, at least once per 18 months.
- 4.4.1.1.2.6 During single recirculation loop operation, all jet pumps, including those in the inoperable loop, shall be demonstrated OPERABLE at least once per 24 hours by verifying that no two of the following conditions occur:###
- a. The indicated recirculation loop flow in the operating loop differs by more than 10% from the established single recirculation pump speed-loop flow characteristics.
  - b. The indicated total core flow differs by more than 10% from the established total core flow value from single recirculation loop flow measurements.
  - c. The indicated diffuser-to-lower plenum differential pressure of any individual jet pump differs from established single recirculation loop patterns by more than 10%.
- 4.4.1.1.2.7 The SURVEILLANCE REQUIREMENTS associated with the specifications referenced in 3.4.1.1.2a shall be followed.

\* See Special Test Exception 3.10.4.

\*\* If not performed within the previous 31 days.

\*\*\*\* Initial value. Final value to be determined based on startup testing. Any required change to this value shall be submitted to the Commission within 90 days of test completion.

# See Specification 3.4.1.1.1 for two loop operation requirements.

## This requirement does not apply when the loop not in operation is isolated from the reactor pressure vessel.

### During startup testing following each refueling outage, data shall be recorded for the parameters listed to provide a basis for

At least once per 18 months (555 days),

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establishing the specified relationships. Comparisons of the actual data in accordance with the criteria listed shall commence upon the performance of ~~(subsequent)~~ required surveillances.

delete 'subsequent'

+ The LPRM upscale alarms are not required to be OPERABLE to meet this specification in OPERATIONAL CONDITION 2.