

**ENCLOSURE 3**

**FERMI 2**

**NRC DOCKET NO. 50-341  
OPERATING LICENSE NPF-43**

**REQUEST TO REVISE TECHNICAL SPECIFICATIONS:**

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**TECHNICAL SPECIFICATION CHANGE  
AND  
PAGE CHANGE INSTRUCTION**

Attached is a mark-up of the existing Technical Specifications, indicating the proposed change, and a typed version of the Technical Specifications incorporating the proposed change. Provided below is the instruction for incorporating the change into the Technical Specifications.

Remove Page

3/4 4-2

Insert Page

3/4 4-2

Enclosure 3  
NRC-97-0037  
Page 2

**ENCLOSURE 3 - PART 1**

**PROPOSED TECHNICAL SPECIFICATION PAGE MARKUP**

DELETED

REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS

REVISE

4.4.1.1.1 Each pump discharge valve 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 ~~Each pump MG set scoop tube mechanical and electrical stop shall be demonstrated OPERABLE with overspeed setpoints less than or equal to 110% and 107%, respectively, of rated core flow, at least once per 18 months.~~

4.4.1.1.3 With one reactor coolant system recirculation loop not in operation, at least once per 12 hours verify that:

- a. THERMAL POWER is less than or equal to 67.2% of RATED THERMAL POWER, and
- b. The individual recirculation pump flow controller for the operating recirculation pump is in the Manual mode, and
- c. The speed of the operating recirculation pump is less than or equal to 75% of rated pump speed.

4.4.1.1.4 With one reactor coolant system loop not in operation with THERMAL POWER less than or equal to 30% of RATED THERMAL POWER or with recirculation loop flow in the operating loop less than or equal to 50% of rated loop flow, verify the following differential temperature requirements are met within no more than 15 minutes prior to either THERMAL POWER increase or recirculation flow increase:

- a. Less than or equal to 145°F between reactor vessel steam space coolant and bottom head drain line coolant, and
- b. Less than or equal to 50°F between the reactor coolant within the loop not in operation and the coolant in the reactor pressure vessel\*\*, and
- c. Less than or equal to 50°F between the reactor coolant within the loop not in operation and the operating loop.\*\*

\*If not performed within the previous 31 days.

\*\*Requirement does not apply when the recirculation loop not in operation is isolated from the reactor pressure vessel.

Enclosure 3  
NRC-97-0037  
Page 3

**ENCLOSURE 3 - PART 2**

**PROPOSED TECHNICAL SPECIFICATION REVISED PAGE**

REACTOR COOLANT SYSTEMSURVEILLANCE REQUIREMENTS

4.4.1.1.1 Each pump discharge valve 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 DELETED

4.4.1.1.3 With one reactor coolant system recirculation loop not in operation, at least once per 12 hours verify that:

- a. THERMAL POWER is less than or equal to 67.2% of RATED THERMAL POWER, and
- b. The individual recirculation pump flow controller for the operating recirculation pump is in the Manual mode, and
- c. The speed of the operating recirculation pump is less than or equal to 75% of rated pump speed.

4.4.1.1.4 With one reactor coolant system loop not in operation with THERMAL POWER less than or equal to 30% of RATED THERMAL POWER with recirculation loop flow in the operating loop less than or equal to 50% of rated loop flow, verify the following differential temperature requirements are met within no more than 15 minutes prior to either THERMAL POWER increase or recirculation flow increase:

- a. Less than or equal to 145°F between reactor vessel steam space coolant and bottom head drain line coolant, and
- b. Less than or equal to 50°F between the reactor coolant within the loop not in operation and the coolant in the reactor pressure vessel\*\*, and
- c. Less than or equal to 50°F between the reactor coolant within the loop not in operation and the operating loop.\*\*

\*If not performed within the previous 31 days.

\*\*Requirement does not apply when the recirculation loop not in operation is isolated from the reactor pressure vessel.