

ENCLOSURE 4

SHEARON HARRIS NUCLEAR POWER PLANT  
NRC DOCKET NO. 50-400/LICENSE NO. NPF-63  
REQUEST FOR LICENSE AMENDMENT  
REACTOR COOLANT SYSTEM (RCS) FLOW MEASUREMENT CALIBRATION

TECHNICAL SPECIFICATION PAGES

9112260298 911214  
PDR ADOCK 05000400  
P PDR

(1414HNP)

## POWER DISTRIBUTION LIMITS

### LIMITING CONDITION FOR OPERATION

#### ACTION (Continued):

- b. Within 24 hours of initially being outside the above limits, verify through incore flux mapping and RCS total flow rate determination that  $F_{\Delta H}$  and RCS total flow rate are restored to within the above limits, or reduce THERMAL POWER to less than 5% of RATED THERMAL POWER within the next 2 hours.
- c. Identify and correct the cause of the out-of-limit condition prior to increasing THERMAL POWER above the reduced THERMAL POWER limit required by ACTION a.2. and/or b., above; subsequent POWER OPERATION may proceed provided that  $F_{\Delta H}$  and indicated RCS total flow rate are demonstrated, through incore flux mapping and RCS total flow rate determination, to be within acceptable limits prior to exceeding the following THERMAL POWER levels:
  1. A nominal 50% of RATED THERMAL POWER,
  2. A nominal 75% of RATED THERMAL POWER, and
  3. Within 24 hours of attaining greater than or equal to 95% of RATED THERMAL POWER.

### SURVEILLANCE REQUIREMENTS

- 4.2.3.1 The provisions of Specification 4.0.4 are not applicable.
- 4.2.3.2  $F_{\Delta H}$  shall be determined to be within acceptable limits:
  - a. Prior to operation above 75% of RATED THERMAL POWER after each fuel loading, and
  - b. At least once per 31 Effective Full Power Days.
- 4.2.3.3 The RCS total flow rate shall be verified to be within the acceptable limit:
  - a. At least once per 12 hours by the use of main control board instrumentation or equivalent, and
  - b. At least once per 31 days by the use of process computer readings or digital voltmeter measurement.
- 4.2.3.4 The RCS total flow rate indicators shall be subjected to a CHANNEL CALIBRATION at least once per 18 months.
- 4.2.3.5 The RCS total flow rate shall be determined by precision heat balance measurement at least once per 18 months. The measurement instrumentation shall be calibrated within 7 days prior to the performance of the calorimetric flow measurement.

(21)

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- 4.2.3.5 The RCS total flow rate shall be determined by precision heat balance measurement at least once per 18 months. The measurement instrumentation shall be calibrated within 21 days prior to the performance of the calorimetric flow measurement.