PROPOSED REVISION

POWER DISTRIBUTION LIMITS

SURVEILLANCE REQUIREMENTS (Continued)

b) At least once per 31 EFPD, whichever occurs first. When the F_{xy}^{C} is less than or equal to the F_{xy}^{RTP} limit for 2. the appropriate measured core plane, additional power distribution maps shall be taken and F_{xy}^{C} compared to F_{xy}^{RTP} and F_{xy}^{L} at least once per 31 EFPD. The ${\rm F}_{\rm XY}$ limits for RATED THERMAL POWER within specific core planes shall be: e. 1. $F_{\rm XY}^{\rm RTP} \leq$ 1.71 for all core planes containing bank "D" control rods and/or any part length rods, and For unrodded core plane: 2. $F_{xy} \leq 1.68$ up to 2.4 ft. elevation, $F_{\rm XV}$ < 1.75 from 2.4 ft. elevation up to 7.8 ft. elevation, $F_{xy} \leq 1.63$ above 7.8 ft. elevation f. The $F_{\rm XY}$ limits of e, above, are not applicable in the following core plane regions as measured in percent of core height from the bottom of the fuel: 1. Lower core region from 0 to 15%, inclusive. Upper core region from 85 to 100% inclusive. 2. rid lane regions at 17.8 + 2%, 32.1 + 2%, 3. 46.3 - 2%, 60.6 + 2% and 74.9 + 2%, inclusive. Core plane regions within + 2% of core height 4. (+ 2.88 inches) about the bank demand position of the bank "D" or part length control rods. With F_{xy}^{C} exceeding F_{xy}^{L} : g. 1. The $F_O(Z)$ limit shall be reduced at least 1% for each 1% F_{xv} exceeds F_{xy}, AND The effects of F_{xy} on $F_0(Z)$ shall be evaluated to determine 2. if $F_{O}(Z)$ is within its limit. 4.2.2.3 When $F_O(Z)$ is measured pursuant to Specification 4.10.2.2, an overall measured $F_{\Omega}(Z)$ shall be obtained from a power distribution map and increased by 3% to account for manufacturing tolerances and further increased by 5% to account for measurement uncertainty. BFAUER VALLEY - INIT 1 8712100459 780922 PDR ADOCK 05000334 3/4 2-6a

PDR

PROPOSED REVISION

POWER DISTRIBUTION LIMITS

NUCLEAR ENTHALPY HOT CLANNEL FACTOR - $F_{\triangle H}^{N}$

LIMITING CONDITION FOR OPERATION

3.2.3 $F_{\Delta H}^{N}$ shall be limited by the following relationship: $F_{\Delta H}^{N} \leq 1.5355 [1.0 + 0.2 (1-P)]$ Where P = $\frac{\text{THERMAL POWER}}{\text{RATED THERMAL POWER}}$

APPLICABILITY: MODE 1

ACTION:

Where F_{AH}^{N} exceeding its t:

- a. Reduce THERMAL POWER to less than 50% of RATED TPLERFAL POWER WITHIN 2 hours and reduce the Power Range Neutron Flux-High Trip Setpoints to \leq 55% of RATED THERMAL POWER within the next 4 hours,
- b. Demonstrate thru in-core mapping that $F_{\Delta H}^{N}$ is within its limit within 24 hours after exceeding the limit or reduce THERMAL POWER to less than 5% of RATED THERMAL POWER within the next 2 hours, and
- c. Identify and correct the cause of the out of limit condition prior to increasing THERMAL POWER; subsequent POWER OPERATION may proceed provided that $F_{\Delta H}^N$ is demonstrated through in-core mapping to be within its limit at a nominal 50% of RATED THERMAL POWER prior to exceeding this THERMAL POWER, at a nominal 75% RATED THERMAL POWER prior to exceeding this THERMAL power and within 24 hours after attaining 95% or greater RATED THERMAL POWER.

BEAVER VALLEY - UNIT 1

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