

TECHNICAL SPECIFICATION CHANGE REQUEST NO. 54 (APPENDIX A)

Replace page 3/4 3-8 with the attached revised page 3/4 3-8.

Proposed Changes

Change Table Note (3) to read: "When THERMAL POWER [TP] is above 30% of RATED THERMAL POWER [RTP], compare out-of-core measured AXIAL POWER IMBALANCE [API_0] to incore measured AXIAL POWER IMBALANCE [API_I] as follows:

$$\frac{RTP}{TP} |(API_0 - API_I)| = \text{Imbalance Error}$$

Recalibrate if the absolute value of the Imbalance Error is equal to or greater than 3.5%".

Reasons for Proposed Change

In the 12/9/75 version of the CR3 Standard Technical Specification, Table Note (3) required recalibration if the absolute value of the Imbalance Error was equal to or greater than 3.5%. In the next version of CR3 STS (3/30/76), an equation was inserted in the Table Note to more fully show how the Imbalance Error is determined. In forming this equation, brackets instead of absolute value signs were inadvertently put around the quantity $API_0 - API_I$.

As the Table Note presently reads, the API_I may be greater than API_0 by more than 3.5% and recalibration would not be required. This change would preclude that situation. To resolve this inconsistency and to bring the Technical Specification in line with CR3 operations, this typographical error is being corrected.

Safety Analysis of Proposed Change

This Change Request is proposed to resolve a typographical error that has existed in the CR3 Technical Specification and it will bring the Technical Specification into agreement with actual plant operation. No initial assumptions in the Safety Analysis are reduced by this Proposed Change and no unreviewed safety question exists.

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TABLE 4.3-1 (Continued)

NOTATION

- * - With any control rod drive trip breaker closed.
- ** - When Shutdown Bypass is actuated.
- (1) - If not performed in previous 7 days.
- (2) - Heat balance only, above 15% of RATED THERMAL POWER.
- (3) - When THERMAL POWER [TP] is above 30% of RATED THERMAL POWER [RTP], compare out-of-core measured AXIAL POWER IMBALANCE [API_O] to incore measured AXIAL POWER IMBALANCE [API_I] as follows:

$$\frac{RTP}{TP} |(API_O - API_I)| = \text{Imbalance Error}$$

Recalibrate if the absolute value of the Imbalance Error is equal to or greater than 3.5%.

- (4) - AXIAL POWER IMBALANCE and loop flow indications only.
- (5) - Verify at least one decade overlap if not verified in previous 7 days.
- (6) - Each train tested every other month.
- (7) - Neutron detectors may be excluded from CHANNEL CALIBRATION.
- (8) - Flow rate measurement sensors may be excluded from CHANNEL CALIBRATION. However, each flow measurement sensor shall be calibrated at least once per 18 months.

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