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January 15, 1988

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Unit 2/Cycle 2 Reload

Dear Sir:

This letter provides clarification to several statements contained in Attachment 3 to my letter dated November 13, 1987.

Attachment 3 was the Reload Safety Evaluation (RSE) for the Catawba Unit 2 Cycle 2 core reload.

The second paragraph in Section 1.1 - Introduction, states that all applicable safety analyses were contained in either the RSE itself or in one of the three referenced safety evaluations. The three safety evaluations were associated with 1) the RTD Bypass Elimination, 2) the UHI System Elimination, and 3) the Low-Tave Setpoint Modification.

All references to the Low-Tave Setpoint Modification are to be deleted. This modification was being analyzed in-house by Duke Power coincident with the formulation of the RSE by Westinghouse. The final determination to not implement the Low-Tave Setpoint Modification was made in October, 1987, one month after the issuance of the RSE. Therefore, the reference to this modification was not able to be deleted.

On a separate point of clarification, RSE Section 3.2, page 7, states that "Although the Overtemperature Delta-T trip provides protection for several events in the FSAR, the f(ΔI) function is not explicitly modelled. Therefore, no reanalysis is required for the Technical Specification change as noted in Section 4.0 and Appendix A".

The Technical Specification change noted is the change to Technical Specification page 2-8, Note 1, items (i) and (ii) which determine the value of f(ΔI). The term f(ΔI) is a function of the indicated difference between top and bottom detectors of the power-range neutron ion chambers. If axial power distribution peaks are greater than design, as indicated by the difference between the top and bottom power range nuclear detectors, the Reactor trip is automatically reduced according to the Notations in Table 2.2-1. The conservatism provided by the reduction of the Reactor trip setpoint is not taken credit for in the Safety Analyses. The statement on page 7 of the RSE points out that the f(ΔI) function is not taken credit for in the analyses related to the Overtemperature Delta-T trips and that the proposed changes to Table 2.2-1, page 7, which affect f(ΔI), do not affect the safety analyses.

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This letter provides clarification for a previous submittal, therefore no license fee is required.

If there are any further questions please advise.

Very truly yours,

Hal B. Tucker/sbn

Hal B. Tucker

RWO/1234/sbn

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