

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

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 $f(\Delta I)$ 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 $f(\Delta I)$. The term $f(\Delta I)$ 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 $f(\Delta I)$ 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 $f(\Delta I)$, do not affect the safety analyses.

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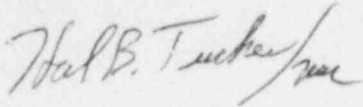
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This letter provides clarification for a previous submittal, therefore no license fee is required.

If there are any further questions please advise.

Very truly yours,



Hal B. Tucker

RWO/1234/sbn

xc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Heyward Shealy, Chief
Bureau of Radiological Health
South Carolina Department of Health &
Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, CT 06032

M&M Nuclear Consultants
1221 Avenue of the Americas
New York, New York 10020

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. P. K. Van Doorn
NRC Resident Inspector
Catawba Nuclear Station