

DUKE POWER COMPANY

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August 2, 1984

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

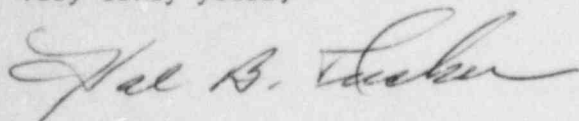
Re: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

During the NRC Staff's 10 CFR 50 Appendix R review of Catawba, a concern was expressed relative to the false opening of the main steam isolation valves or the steam generator power operated relief valves for steam generators "A", "B", and "D", due to a possible combination of fire induced spurious shorts in the control circuitry for the respective solenoid operators.

In order to resolve this concern, a modification will be implemented on Unit 1 prior to entry into Mode 3 which provides disconnect capability for the cables providing power to these solenoids. The disconnect will also provide a means to short across the solenoid coils, thus, providing additional depth of protection. This method of assuring the isolation of steam generators "A", "B", and "D" is identical to the method utilized on steam generator "C".

Very truly yours,



Hal B. Tucker

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ROS/slb

cc: Mr. James P. O' Reilly, Regional Administrator
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