

**DUKE POWER COMPANY**

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HAL B. TUCKER  
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NUCLEAR PRODUCTION

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April 25, 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

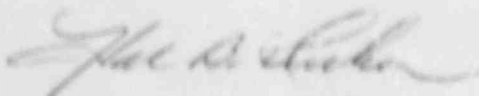
Re: Catawba Nuclear Station  
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

Section 9.5.1 of the Catawba Safety Evaluation Report discusses Open Item 14, Fire Protection Program. The following information is provided as clarification of previous submittals on fire protection.

1. My letter of April 14, 1984 transmitted comments on SER Section 9.5.1. Under Section 9.5.1.5, Control of Combustibles, it was stated: "In each Reactor Building there are two 150 lb. hydrogen cylinders and associated piping which provides a gas blanket for Reactor Coolant Pump drain tanks." The subject tanks have been relocated to the hydrogen shed in the plant yard. An excess flow valve will be provided prior to fuel load so that in case of pipe break, hydrogen concentration in the affected area will not exceed 2%. This meets provisions of the Standard Review Plan, Section 9.5.1.C.5.d.5.
2. The Reactor Building Annulus is considered "inside containment." The sprinkler system is arranged for automatic actuation to comply with requirements of Appendix R, Section III.G.2.e. This is consistent with the concept established in our October 21, 1981 submittal concerning McGuire Nuclear Station and our July 5, 1983 submittal concerning Catawba.

Very truly yours,



Hal B. Tucker

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cc: Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30303

NRC Resident Inspector  
Catawba Nuclear Station

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Mr. Harold R. Denton, Director  
April 25, 1984  
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