

**DUKE POWER COMPANY**

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NUCLEAR PRODUCTION

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August 31, 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

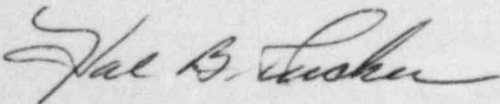
Dear Mr. Denton:

Proposed License Condition 11, Hydrogen Control Measures, II.B.7, which was attached to Facility Operating License NPF-24 for Catawba Unit 1, addressed a number of requirements for initial criticality and 5% power.

Item 11(a) proposed that the distributed ignition system be installed and operable and demonstrated to be activated upon a safety injection signal. This is to advise that the Unit 1 Emergency Hydrogen Mitigation (EHM) System has been installed and will be operable prior to entry into Mode 2 as required by Technical Specification 3.6.4.3. Also the appropriate emergency procedure, EP/1/A/5000/1C, High Energy Line Break Inside Containment directs the operator to energize the EHM System following verification of a valid safety injection actuation signal.

Item 11(b) requests that upgraded analyses be submitted for Staff review and approval. Responses to all outstanding Staff questions on hydrogen control measures were submitted on May 22, 1984.

Very truly yours,



Hal B. Tucker

ROS:slb

cc: Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

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cc: NRC Resident Inspector  
Catawba Nuclear Station

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