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UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

May 7, 1980

Mr. W. G. Counsil, Vice President Nuclear Engineering and Operations Connecticut Yankee Atomic Power Company Post Office Box 270 Hartford, Connecticut 06101

Dear Mr. Counsil:

This letter is in response to your request dated April 14, 1980, concerning installation of a Gas Fire Suppression System in the switchgear room at the Haddam Neck Plant. We understand that you do not desire to install an alternate fire suppression system, as agreed and documented at our March 16, 1978 meeting, but would rather install an automatic total flooding Halon suppression system actuated by an early warning detection system, as originally required by the staff. We have reviewed your submittal and have determined that the system you now propose, which would be designed and installed in accordance with NFPA Volume 1, Section 12A (Halon 1301 Systems), is adequate and satisfies the requirements of section 3.1.6 of our fire protection safety evaluation.

Sincerely,

Dennis M. Crutchfield, Chief Operating Reactors Branch #5

Division of Licensing

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cc Day, Berry & Howard Counselors at Law One Constitution Plaza Hartfors, Connecticut 06103

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