

Telephone 617 366-9011

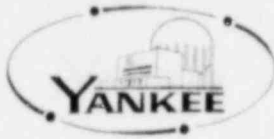
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• WYR 80-131

YANKEE ATOMIC ELECTRIC COMPANY



20 Turnpike Road Westborough, Massachusetts 01581

December 10, 1980

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Office of Nuclear Reactor Regulation

References: 1) License No. DPR-3 (Docket No. 50-29)
2) G. J. Brown, R. C. Harvey, A. Husain, E. J. Pastor,
"Application of a Lower Plenum Phase Separation Model to
Yankee Rowe Large Break LOCA Analysis", YAEC-1231,
(November, 1980)

Subject: Incorporation of a Lower Plenum Phase Separation Model in
Yankee Rowe Large Break LOCA Methodology

Dear Sir:

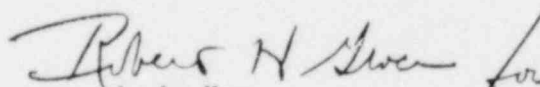
Yankee Atomic Electric Company intends to utilize a lower plenum phase separation model in large break LOCA analysis for the Yankee Nuclear Power Station. Details of the proposed model are contained in YAEC-1231, Reference (2) above.

Enclosed are 20 copies of YAEC-1231 for your review and approval. We wish to use this model in forthcoming Core XV large break LOCA analysis scheduled for submittal to NRC by April, 1981. Due to the tight schedule associated with this date, we ask the staff to take action on the review of YAEC-1231 as soon as possible.

We trust you will find this information satisfactory. Any further questions regarding this matter should be directed to Mr. James A. Kay at our Engineering Office, Yankee Atomic Electric Company, 25 Research Drive, Westborough, Massachusetts, 01581.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY


J. A. Kay
Senior Engineer, Licensing

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