



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

June 3, 1977

Docket No. 50-29

Yankee Atomic Electric Company  
ATTN: Mr. Robert H. Groce  
Licensing Engineer  
20 Turnpike Road  
Westboro, Massachusetts 01581

Gentlemen:

RE: YANKEE-ROWE ATOMIC POWER STATION

We are currently reviewing the onsite emergency power systems of all operating nuclear power facilities to assess the susceptibility of their safety related electrical equipment with regard to (1) sustained degraded voltage conditions at the offsite power sources and (2) interaction between the offsite and onsite emergency power systems.

We have completed our review of licensee responses to our previous generic request for information relative to the electrical power distribution systems. Based on this initial review, we have prepared the Safety Evaluation and Statement of Staff Positions contained in Enclosure 1.

We request that you compare the current design of the emergency power systems at your facility(ies) with the Staff Positions stated in the enclosure and:

- (1) propose plant modifications as necessary to meet the Staff Positions, or
- (2) provide a detailed analysis which shows your facility design has equivalent capabilities and protective features.

Additionally, we require that certain technical specifications be incorporated into all facility operating licenses. Model technical specifications, consistent with the Staff Positions contained in Enclosure 1, are provided in Enclosure 2.

Accordingly, we request that you apply, within forty-five days of the receipt of this letter, for an amendment to your facility operating license(s) to incorporate comparable technical specifications to those presented in the enclosure. Additionally, you should provide a description and a schedule for the completion of any plant associated modifications.

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If you have any questions on this matter, please contact us.

Sincerely,

A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

Enclosures:

- 1. Staff Positions
- 2. Model Technical Specifications

cc w/enclosures:

Mr. Donald C. Allen, President  
Yankee Atomic Electric Company  
20 Turnpike Road  
Westboro, Massachusetts 01581

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