

March 8, 1976

Docket No. 50-29

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

Gentlemen:

As a result of our review of your Core XII refueling submittal and your related Emergency Core Cooling System (ECCS) performance evaluation, we concluded that Yankee-Rowe can be operated safely with Core XII and in compliance with 10 CFR Part 50, §50.46. This conclusion was based in part on our finding (described in our Safety Evaluation dated December 4, 1975) that with the disabling of the automatic bus transfers by racking out and locking of the alternate supply breakers to the two automatic transfer switches, the onsite emergency power system meets the single failure criterion. We required as a permanent fix the eventual removal of the automatic bus transfer feature in the 480 V electrical power distribution system and we requested in our letter dated December 4, 1975, your proposal for accomplishing this.

Responding to our December 4, 1975 request, you proposed in your January 27, 1976 submittal to replace the automatic transfer switches with manually operated, double throw safety switches. You also proposed to install Kirk Key interlocks between the normal and alternate supply circuit breakers for each manual switch. From our review of the information and drawing which you provided in your January 27, 1976 submittal, we conclude that since your proposed method of removal of the automatic bus transfer feature will not affect the Yankee-Rowe onsite emergency power system's conformance with Regulatory Guide 1.6, "Independence Between Redundant Standby (Onsite) Power Sources and Between their Distribution Systems", it is acceptable.

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As a result of discussions between our staffs on March 1, 1976, we understand that based on the anticipated delivery of the Kirk Key interlocks during April 1976, you plan to complete the removal of the automatic bus transfer feature by mid-May 1976. We find your schedule to be acceptable. We request that you advise us of any changes in this schedule.

Sincerely,

/s/

Karl R. Goller, Assistant Director
for Operating Reactors
Division of Operating Reactors

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March 8, 1976

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

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