



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

November 24, 1978

50-299A  
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Docket No. 50-29

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

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DEC 11 11 12 13  
OFFICE OF THE SECRETARY  
E.C.

Gentlemen:

Enclosed is a copy of our draft evaluation of the Systematic Evaluation Program (SEP) topic VIII-3.A. You are requested to examine the facts upon which the staff has based its evaluation and respond either by confirming that the facts are correct, or by identifying any error. If in error, please supply corrected information for the docket. We encourage you to supply for the docket any other material related to this topic that might affect the staff's evaluation.

It would be most helpful if your comments were received within 30 days of the date you receive this letter.

Sincerely,

*Richard D. Ziemann*

Dennis L. Ziemann, Chief  
Operating Reactors Branch #2  
Division of Operating Reactors

Enclosure:  
Topic VIII-3.A

cc w/enclosures:  
See next page

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cc  
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Greenfield Community College  
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K M C Inc.  
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SYSTEMATIC EVALUATION PROGRAM

BATTERY CAPACITY TESTS

YANKEE ROWE

DOCKET NO: 50-29

Topic VIII-3.A Station Battery Test Requirements

The objective of this review is to assure that the onsite Class IE battery capacity to supply all safety related D-C loads is verified by periodic testing.

The testing should be in accordance with IEEE Standard 450-1975, IEEE Standard 308-1974, BTP EICSB 6 and the "Standard Technical Specifications for Westinghouse Pressurized Water Reactors" (NUREG-0452). The required tests are as follows:

1. At least once per 18 months, during shutdown, a battery service test should be performed to verify that the battery capacity is adequate to supply and maintain in operable status all of the actual emergency loads for 2 hours.
2. At least once per 60 months, during shutdown, a battery discharge test should be performed to verify that the battery capacity is at least 80% of the manufacturer's rating.

The technical specifications for the Yankee Rowe Nuclear Station include in Section 4.8.2.3.2 the periodic battery service and discharge tests. Therefore, the Yankee Rowe Nuclear Station complies with current licensing requirements for station battery capacity tests. No additional SEP action is necessary.

## References

1. "Yankee Nuclear Power Station Technical Specifications, Appendix A, License No. DPR-3", Yankee Atomic Electric Company.
2. Standard Review Plan, Appendix 7-A, BTP EICSB 6, "Capacity Test Requirements of Station Batteries - Technical Specifications", U. S. Nuclear Regulatory Commission.
3. "IEEE Standard Criteria for Class IE Power Systems for Nuclear Power Generating Stations", Std. No. 308-1974, The Institute of Electrical and Electronics Engineers, Inc.
4. "IEEE Recommended Practice for Maintenance, Testing and Replacement of Large Lead Storage Batteries for Std. No. 450-1975, The Institute of Electrical and Electronics Engineers, Inc.
5. "Standard Technical Specifications for Westinghouse Pressurized Water Reactors", NUREG-0452, U. S. Nuclear Regulatory Commission.