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

November 15, 1979

Docket No. 50-29

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

Dear Mr. Groce:

RE: COMPLETION OF SEP TOPIC II-2.D - YANKEE ROWE

Your letter dated February 28, 1979, indicated that you have examined our draft evaluation of the subject topic dated February 1, 1979. You suggested editorial or corrective changes to the assessment to make it more accurately reflect your facility design. We have incorporated your suggested modifications in the enclosed assessment. With these modifications our review of SEP Topic II-2.D is complete and will be a basic input to the integrated assessment of your facility.

The subject assessment compares your facility design with the criteria currently used by the staff in licensing new facilities. This assessment may need to be re-examined if you modify your facility or if the criteria are changed before we complete our integrated assessment.

Sincerely,

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

Enclosure:  
Completed SEP  
Topic II-2.D

cc w/enclosure:  
See next page

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Mr. Robert H. Groce

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cc w/enclosure:  
Mr. Lawrence E. Minnick, President  
Yankee Atomic Electric Company  
20 Turnpike Road  
Westboro, Massachusetts 01581

Greenfield Community College  
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SYSTEMATIC EVALUATION PROGRAM

METEOROLOGY

YANKEE ROWE

POOR ORIGINAL

Topic II-2.D Availability of Meteorological Data in the Control Room

The safety objective of this topic is to assure that appropriate meteorological data are available in the control room during and following a postulated accident.

All recorders for the onsite meteorological system described in Topic II-2.B Onsite Meteorological Measurements Program are readily available to the control room operators. These include wind direction speed, temperature at 33', and the temperature differential from 33 feet to 195 feet. The primary recording system is floppy disks with analog strip charts provided as a backup. The analog recorders provide the control room personnel with a visual display of the meteorological data on real time basis. In addition to the analog recorder strip charts, 15 minute averages of measured meteorological parameters are automatically printed out by a teleprinter located in the control room on a real time basis.

On the basis of our review we have concluded that the Yankee Rowe plant has sufficient meteorological data provided in the control room to assess conditions at the site during and following an accident for the enactment of emergency plans and to estimate the magnitude of the potential hazard. This is in conformance with the S.R.P. 2.3.3 and Regulatory Guide 1.23. Consideration of meteorological data in the emergency plans will be reviewed under Topic XIII-1, "Conduct of Operations."

This completes the evaluation of this SEP topic. Since the plant design conforms to current licensing criteria, no additional SEP review is required.

(YANKEE ROWE)

POOR ORIGINAL

References

10 CFR Part 50, Appendix E, "Emergency Plans for Production and Utilization Facilities."

10 CFR Part 50, Appendix I, "Numerical Guides for Design Objectives and Limiting Conditions for Operation to Meet the Criterion 'As Low As Practicable' for Radioactive Material in Light-Water-Cooled Nuclear Power Reactor Effluents."

Standard Review Plan, "Onsite Meteorological Measurements Programs," Section 2.3.3., U.S. Nuclear Regulatory Commission, Washington, D.C.

Yankee Atomic Electric Company, "Supplemental Information for the Purpose of Evaluation of 10 CFR part 50, Appendix I," Yankee Rowe, Docket No. 50-29.

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