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Docket No. 50-29

Yankee Atomic Electric Company
ATTN: Mr. G. Carl Andognini, Assistant
to the Vice President
20 Turnpike Road
Westboro, Massachusetts 01581

Gentlemen:

This is in reference to the proposed new format Technical Specifications and the Final Hazard Summary Report (FHSR) rewritten in the Final Safety Analysis Report (FSAR) for the Yankee Nuclear Power Station (Yankee-Rowe) which you submitted with your letter dated January 3, 1974.

In reviewing your proposed Technical Specifications we have found that we need the additional information identified in the enclosure to this letter. The needed additional information relates to your onsite meteorological measurements program described in the FSAR (Section 2.3) which you are using as the basis in support of several proposed sections in the new format Technical Specifications.

You should file your response to this request for additional information in the usual manner as an amendment to your application.

Sincerely,

O L Looney

Robert A. Purple, Chief
Operating Reactors Branch #1
Division of Reactor Licensing

Enclosure:
Request for Additional Information

cc w/enclosure:
See next page

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Form AEC-318 (Rev. 9-53) AECM 0240 ☆ U. S. GOVERNMENT PRINTING OFFICE: 1974-525-166

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REQUEST FOR ADDITIONAL INFORMATION

YANKEE NUCLEAR POWER STATION (YANKEE-ROWE)

DOCKET NO. 50-29

FSAR, SECTION 2.3 METEOROLOGY

1. You evaluated the site meteorology using data collected during the period October, 1971 through September 1972 and you provided summaries of the data in Section 2.3 of the FSAR. In order for us to determine if the dispersion factors computed by you reflect the average meteorology for the Yankee-Rowe site, provide onsite meteorological data with at least 90% data recovery that cover at least two annual cycles including calm wind class and data recovery rate. Also, provide monthly wind roses.

2. In order for us to determine if the proximity of the meteorological tower (500 feet) to the containment introduces a wake affect that may influence realistic wind representation, provide a site plan showing the location of the containment sphere and the position of the new meteorological tower.

3. Provide a description of the maintenance and calibration procedures for the meteorological equipment in sufficient detail to show that the equipment is adequately inspected and serviced at a frequency that will assure at least 90% valid data recovery.