



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

NRC PDR
50-29
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November 24, 1978

Docket No. 50-29

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

Gentlemen:

The Commission has issued the enclosed Amendment No. 53 to Facility Operating License No. DPR-3 for the Yankee Nuclear Power Station (Yankee-Rowe). The amendment consists of changes to the Technical Specifications in response to your application dated December 14, 1977 (Proposed Change No. 155), as supplemented by letters dated April 6, 1978, May 11, 1978, June 15, 1978, and October 4, 1978.

The amendment revises the Technical Specifications by reducing the neutron detector thimbles required to be operable from 75% (17 thimbles) to 12 thimbles.

As indicated in our Safety Evaluation supporting the issuance of this amendment and pursuant to discussions with your representatives, you have accepted other changes to the Technical Specifications. They require the assignment of a nuclear measurement uncertainty of 6.8% (rather than 5%) if less than 17 detector thimbles are operable when the incore detection system is used for power distribution measurements.

Copies of our Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

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

Enclosures:

1. Amendment No. 53 to DPR-3
2. Safety Evaluation
3. Notice of Issuance

cc w/enclosures: See next page

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CC
Mr. Lawrence E. Minnick, President
Yankee Atomic Electric Company
20 Turnpike Road
Westboro, Massachusetts 01581

Greenfield Community College
1 College Drive
Greenfield, Massachusetts 01301

Chairman
Board of Selectmen
Town of Rowe
Rowe, Massachusetts 01367

Massachusetts Department of Public
Health
ATTN: Commissioner of Public Health
600 Washington Street
Boston, Massachusetts 02111

Chief, Energy Systems Analyses (w/incoming dtd. 12/14/77, 4/6/78,
Branch (AW-459) 5/11/78, 6/15/78, and 10/4/78)
Office of Radiation Programs
U. S. Environmental Protection Agency
Room 645, East Tower
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Washington, D. C. 20460

U. S. Environmental Protection Agency
Region I Office
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