

February 7, 1994

Docket No. 50-271

Mr. Donald A. Reid, Vice President
Operations
Vermont Yankee Nuclear Power Corporation
Ferry Road
Brattleboro, Vermont 05301

Dear Mr. Reid:

SUBJECT: REGULATORY GUIDE 1.97 - BOILING WATER REACTOR NEUTRON FLUX
MONITORING - VERMONT YANKEE NUCLEAR POWER STATION (TAC NO. M87039)

Section 6.2 of Generic Letter 82-33 requested applicants and licensees to provide a report on their implementation of Regulatory Guide (RG) 1.97. The BWR Owners' Group responded by submitting NEDO-31558, "Position on NRC Regulatory Guide 1.97, Revision 3, Requirements for Post-Accident Neutron Monitoring System," which proposed alternative criteria for neutron flux monitoring instrumentation in lieu of the Category 1 criteria stated in the RG. In a safety evaluation dated January 13, 1993, the NRC staff concluded that the criteria of NEDO-31558 was acceptable.

By letter dated April 29, 1993, the NRC staff requested you to review the Vermont Yankee (VY) neutron flux monitoring instrumentation against the criteria of NEDO-31558 and document the results of your review. Your letter of December 1, 1993, provided the results of your review.

The NRC staff has completed its review of your submittal and concludes that the post-accident neutron flux monitoring instrumentation at VY meets the criteria of NEDO-31558 and is, therefore, an acceptable alternative to the guidance in RG 1.97.

Sincerely,
Original signed by:
Daniel H. Dorman, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script that reads "Daniel H. Dorman".

Daniel H. Dorman, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

Mr. Donald A. Reid, Vice President
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Vermont Yankee Nuclear Power Station

cc:

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