

February 7, 1991

Docket No. 50-335

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Mr. Edward J. Mroczka
 Senior Vice President
 Nuclear Engineering and Operations
 Connecticut Yankee Atomic Power Company
 Northeast Nuclear Energy Company
 P. O. Box 270
 Hartford, Connecticut 06141-0270

Dear Mr. Mroczka:

SUBJECT: BORAFLEX DEGRADATION IN MILLSTONE 2 SPENT FUEL RACKS
(TAC NO. 777:5)

By letters dated August 7, 1990, October 1, 1990 and January 4, 1991, you informed us about the missing Boraflex in the vent hole area of the test coupons and a subsequent action taken in order to evaluate the consequences of this event on the performance of the Boraflex panels in the spent fuel racks. After performing blackness testing, you have concluded that the degree of degradation of Boraflex in these panels was not sufficiently large to affect their performance.

We have completed our review of your evaluation and concur with the conclusion. We conclude that your test plan is adequate to confirm that continued spent fuel storage in the Millstone 2 spent fuel racks will not cause the staff's acceptance criterion of K-eff no greater than 0.95 to be violated. However, we want to be informed if future blackness tests indicate increased gap sizes which may invalidate the current criticality analyses. Enclosed is our evaluation.

Sincerely,

/s/

Guy S. Vissing, Senior Project Manager
 Project Directorate I-4
 Division of Reactor Projects - I/II
 Office of Nuclear Reactor Regulation

Enclosure:
 Safety Evaluation

cc w/enclosure:
 See next page

OFC	: PDI-4:LA	: PDI-4:PM	: PDI-4:D	:	:
NAME	: SNorris	: GVissing	: JStolz	:	:
DATE	: 2/5/91	: 2/6/91	: 2/7/91	:	:

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