

March 14, 2000

Mr. S. E. Scace - Director
Nuclear Oversight and Regulatory Affairs
c/o Mr. David A. Smith
Northeast Nuclear Energy Company
P. O. Box 128
Waterford, CT 06385-0128

SUBJECT: MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2, REQUEST FOR
ADDITIONAL INFORMATION (RAI) RE: FUEL HANDLING AND CASK DROP
ACCIDENTS (TAC NO. MA7712)

Dear Mr. Scace:

By letter dated December 14, 1999, you proposed changes to the Technical Specifications and the Final Safety Analysis Report related to fuel handling and cask drop accidents at the Millstone Nuclear Power Station, Unit No. 2. The staff has reviewed this request and determined that additional information is needed to complete the review. Enclosed is the staff's RAI. We request that you respond by March 30, 2000, as discussed with and agreed upon by Paul Russell of your staff.

Questions regarding this request should be sent to my attention at the above address or you can contact me at 301-415-1445.

Sincerely,

/RA/

Alan B. Wang, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-336

Enclosure: Request for Additional Information

cc w/encl: See next page

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MILLSTONE NUCLEAR POWER STATION UNIT NO. 2 (MILLSTONE 2)

FUEL HANDLING AND CASK DROP ACCIDENT

REQUEST FOR ADDITIONAL INFORMATION

By letter dated December 14, 1999, Northeast Nuclear Energy Company (NNECO) proposed changes to the Millstone 2 Technical Specifications (TSs) and Final Safety Analysis Report. The proposed changes will result in a slight increase in the consequences of a fuel handling accident in the spent fuel pool area. As part of the staff's review to ensure that new analysis is within the 10 CFR Part 100 limits we have the following questions:

1. TS 3.9.4 Bases specifies a "designated" individual to close the containment air lock doors within 10 minutes as opposed to a "dedicated" individual who would have no other duties. Specify what other duties the designated individual will have and where they will be stationed relative to the air lock doors. For example, will this person be responsible for an inventory of people inside containment in addition to the other duties?
2. TS 3.9.4: What types of hoses and cables will be allowed to pass through the open air lock doors? What provisions will be made for the designated individual to separate these in order to close the air lock door while minimizing hazards from these hoses and cables?
3. The spent fuel pool handling analysis assumes a bypass flow associated with the Auxiliary Building elevator of 2%. Describe the testing and analysis used to derive this value. What factors might change this value over time, if any?
4. TS 3.9.17: Does removing the requirement that the boron concentration in the spent fuel pool will be uniform change any plant procedures to ensure boron concentration uniformity or measurements taken of boron concentration?
5. TS 3.9.14/3.9.15: The requirement that the auxiliary building doors must be closed has been replaced by a requirement that spent fuel pool area integrity shall be maintained. Are these two requirements equivalent? If not, specify the differences.

Millstone Nuclear Power Station
Unit 2

cc:

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Millstone Nuclear Power Station
Unit 2

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