



**Northeast  
Nuclear Energy**

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station  
Northeast Nuclear Energy Company  
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The Northeast Utilities System

FEB 11 2000

Docket No. 50-336  
B18001

Re: 10 CFR 50.90

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

**Millstone Nuclear Power Station, Unit No. 2  
Response to a Request for Additional Information  
Technical Specification Amendment Request  
Fuel Handling and Cask Drop Accidents (TAC NO. MA7712)**

In a letter dated December 14, 1999,<sup>(1)</sup> Northeast Nuclear Energy Company (NNECO) requested a change to the Millstone Unit No. 2 Technical Specifications and Final Safety Analysis Report. The majority of the proposed changes were the result of revised analyses of the fuel handling accident inside containment, the fuel handling accident in the spent fuel pool area, and the spent fuel cask drop accident in the spent fuel pool area. In response to this letter, the NRC has requested a copy of the supporting calculations. These calculations are contained in Attachment 1.

There are no regulatory commitments contained within this letter.

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<sup>(1)</sup> R. P. Necci letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 2, Proposed Revision to Technical Specifications, Fuel Handling and Cask Drop Accidents," dated December 14, 1999.

If you should have any questions on the above, please contact Mr. Ravi Joshi at  
(860) 440-2080.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



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Raymond P. Necci  
Vice President - Nuclear Technical Services

Sworn to and subscribed before me

this 11 day of February, 2000

Donna Lynne Williams  
Notary Public

My Commission expires Nov 30, 2001

Attachments (1)

cc: H. J. Miller, Region I Administrator  
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2  
D. P. Beaulieu, Senior Resident Inspector, Millstone Unit No. 2

Director  
Bureau of Air Management  
Monitoring and Radiation Division  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127

**Response to a Request for Additional Information  
Technical Specification Amendment Request  
Fuel Handling and Cask Drop Accidents Calculations**

The following calculations support the proposed changes to the Millstone Unit No. 2 Technical Specifications and Final Safety Analysis Report associated with the revised analyses of the fuel handling accident inside containment, the fuel handling accident in the spent fuel pool area, and the spent fuel cask drop accident in the spent fuel pool area. A copy of each calculation is included for your use.

1. M2FHAIC-02701R2 MP-2 Fuel Handling Accident in Containment
2. 96RAD-1378R2 MP-2 Fuel Handling Accident in the Spent Fuel Pool with 2% EBFS Bypass
3. M2SFP60D-01252R2 MP-2 Fuel Handling Accident in the Spent Fuel Pool: 60 Day Decay, No Filtration
4. CASKDOSE-02686-R2 MP-2 Spent Fuel Cask Drop - Dose Analysis

**Attachment 1**

**Millstone Nuclear Power Station, Unit No. 2**

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**February 2000**