

**NORTHEAST UTILITIES**

THE CONNECTICUT LIGHT AND POWER COMPANY  
 WESTERN MASSACHUSETTS ELECTRIC COMPANY  
 HOLYOKE WATER POWER COMPANY  
 NORTHEAST UTILITIES SERVICE COMPANY  
 NORTHEAST NUCLEAR ENERGY COMPANY

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February 20, 1987

Docket No. 50-336

B12416

Re: 10 CFR 50, Appendix R

U. S. Nuclear Regulatory Commission  
 Attn: Document Control Desk  
 Washington, D.C. 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2  
Status of Appendix R Modifications

This letter provides information concerning the implementation status of Appendix R modifications for Millstone Unit No. 2, based upon modifications determined to be required by Northeast Nuclear Energy Company's (NNECO) current Appendix R fire protection analysis.

Millstone Unit No. 2 has completed all non-outage Appendix R modifications. These modifications were completed by the January 15, 1987 date determined in accordance with the provisions of 10 CFR 50.48.

A significant number of Appendix R modifications requiring an outage were completed during the 1986 refueling outage. The remaining modifications requiring an outage will be completed prior to the end of the 1987/1988 refueling outage in accordance with the provisions of 10 CFR 50.48. NNECO is also planning on submitting additional exemption requests for fire barriers that provide an equivalent level of fire protection to that required for Section III.G of Appendix R.

NNECO is continuing to make other fire protection related modifications on our own volition that have been determined to improve the level of fire protection beyond that required for Appendix R. The bulk of these improvements will be completed by the end of 1987.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

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E.J. Mroczka  
 Senior Vice President

cc: Dr. T. E. Murley, Region I Administrator  
 D. Jaffe, Project Manager, Millstone Unit No. 2  
 T. Rebelowski, Resident Inspector, Millstone Unit No. 2

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