

January 8, 1987

Docket No. 50-336

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

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Dear Mr. Mroczka:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

Re: Millstone Nuclear Power Station, Unit No. 2

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated October 6, 1986 for exemption from the requirements of Appendix R to 10 CFR Part 50 for the Millstone Nuclear Power Station, Unit No. 2.

This assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

/s/

D. H. Jaffe, Project Manager  
PWR Project Directorate #8  
Division of PWR Licensing-B

Enclosure:  
Environmental Assessment

cc w/enclosure:  
See next page

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CP

Mr. Edward J. Mroczka  
Northeast Nuclear Energy Company

Millstone Nuclear Power Station  
Unit No. 2

cc:  
Gerald Garfield, Esq.  
Day, Berry & Howard  
Counselors at Law  
City Place  
Hartford, Connecticut 06103-3499

Mr. Stephen E. Scace  
Superintendent  
Millstone Nuclear Power Station  
P. O. Box 128  
Waterford, Connecticut 06385

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
Office of Executive Director for  
Operations  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Mr. Wayne D. Romberg  
Vice President, Nuclear Operations  
Northeast Nuclear Energy Company  
P. O. Box 270  
Hartford, Connecticut 06141-0270

Mr. Charles Brinkman, Manager  
Washington Nuclear Operations  
C-E Power Systems  
Combustion Engineering, Inc.  
7910 Woodmont Avenue  
Bethesda, Maryland 20814

Mr. Lawrence Bettencourt, First Selectman  
Town of Waterford  
Hall of Records - 200 Boston Post Road  
Waterford, Connecticut 06385

Northeast Utilities Service Company  
ATTN: Mr. Richard R. Laudenat, Manager  
Generation Facilities Licensing  
Post Office Box 270  
Hartford, Connecticut 06141-0270

Kevin McCarthy, Director  
Radiation Control Unit  
Department of Environmental  
Protection  
State Office Building  
Hartford, Connecticut 06106

Mr. Theodore Rebelowski  
U.S. NRC  
P. O. Box 615  
Waterford, Connecticut 06385-0615

Office of Policy & Management  
ATTN: Under Secretary Energy  
Division  
80 Washington Street  
Hartford, Connecticut 06106

U.S. NUCLEAR REGULATORY COMMISSIONNORTHEAST NUCLEAR ENERGY COMPANY, ET AL.MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the requirements of Appendix R to 10 CFR Part 50 to Northeast Nuclear Energy Company, et al. (the licensee), for the Millstone Nuclear Power Station, Unit No. 2, located in New London County, Connecticut.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would grant relief from the requirements of Appendix R, Section III.J, as these requirements relate to fixed, 8-hour battery lighting units for operation of safe shutdown equipment (and access/egress associated with this equipment). The exemption is only applicable to vital electrical Bus 24F.

The exemption is responsive to the licensee's application for exemption dated October 8, 1986.

The Need for the Proposed Action: The proposed exemption is needed because the features described in the licensee's request regarding the existing and proposed fire protection at the plant for this item are the most practical method for meeting the intent of Appendix R and literal compliance would not significantly enhance the fire protection capability.

Environmental Impacts of the Proposed Action: The proposed exemption will provide a degree of fire protection such that there is no increase in the risk of fires at this facility. Consequently, the probability of fires has

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not been increased and the post-fire radiological releases will not be greater than previously determined nor does the proposed exemption otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed exemption.

With regard to potential nonradiological impacts, the proposed exemption involves features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed exemption.

Alternative Use of Resources: This action involves no use of resources not previously considered in the Final Environmental Statements for the Millstone Nuclear Power Station, Unit No. 2.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

#### FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have significant effect on the quality of the human environment.

For further details with respect to this action, see the application for the exemption dated October 8, 1986 which is available for public inspection

at the Commission's Public Document Room, 1717 H Street, NW, Washington, DC,  
and at the Waterford Public Library, 49 Rope Ferry Road, Waterford,  
Connecticut 06385.

Dated at Bethesda, Maryland this 8th day of January 1987.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, reading "Walter A. Paulson". The signature is written in a cursive, flowing style.

Walter A. Paulson, Acting Director  
PWR Project Directorate #8  
Division of PWR Licensing-B