

April 8, 1988

Docket No: 50-336

Mr. Edward J. Mroczka
Senior Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
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Dear Mr. Mroczka:

SUBJECT: MILLSTONE UNIT 2 ENVIRONMENTAL ASSESSMENT AND FINDING OF NO
SIGNIFICANT IMPACT - EXEMPTION FROM REQUIREMENTS OF APPENDIX R
TO 10 CFR PART 50 (TAC NO. 65126)

Enclosed is a copy of an "Environmental Assessment and Finding of No
Significant Impact" for your information. This assessment relates to your
application dated February 29, 1988 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,



David H. Jaffe, Project Manager
Project Directorate I-4
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
Environmental Assessment

cc w/enclosure:
See next page

LA:PDI-4
SNorris
03/29/88

PM:PDI-4
DJaffe:bd
03/29/88

D:PDI-4
JStolz
03/29/88

OGC
03/29/88

Mr. Edward J. Mroczka
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit No. 2

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UNITED STATES NUCLEAR REGULATORY COMMISSIONNORTHEAST NUCLEAR ENERGY COMPANY, ET AL.MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2DOCKET NO. 50-336ENVIRONMENTAL ASSESSMENT ANDFINDING 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.G.(2)(b) as these requirements relate to the separation of Auxiliary Feedwater Isolation Valves 2-FW-43A and B. Section III.G.(2)(b) of Appendix R would require the subject valves to be separated by 20 feet, free of intervening combustibles, since these valves are in redundant trains of equipment required for post-fire, safe shutdown, of the reactor.

The exemption is responsive to the licensee's application for exemption dated February 29, 1988.

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 not been increased and the potential 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 the 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 to the Proposed Action: It has been concluded that there is no measurable impact associated with the proposed exemption and associated license amendment; any alternatives to the exemption will have either no environmental impact or greater environmental impact.

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

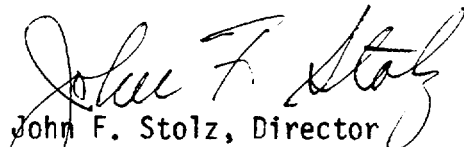
The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

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

For further details with respect to this action, see the application for amendment dated February 29, 1988 which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Waterford Public Library, 49 Rope Ferry Road, Waterford, Connecticut 06385.

Dated at Rockville, Maryland, this 8th day of April 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "John F. Stolz", is written over the typed name and title.

John F. Stolz, Director
Project Directorate I-4
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation