

December 16, 1992

Docket No. 50-336

Mr. John F. Opeka
Executive Vice President, Nuclear
Connecticut Yankee Atomic Power Company
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06141-0270

Dear Mr. Opeka:

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SUBJECT: MILLSTONE UNIT 2 - ENVIRONMENTAL ASSESSMENT AND FINDING OF NO
SIGNIFICANT IMPACT (TAC NO. M84774)

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact which relates to your request for license amendment dated October 28, 1992, as supplemented November 20, 1992, and December 4, 1992, regarding changes which would modify the Millstone 2 Technical Specifications (TS) in the area of Tables 3.3-3, 3.3-4, 3.3-5 and 4.3-2, of Section 4.8.1.1.2 and of the Bases Section 3/4.3, to add the high containment pressure signal as an input to main steam isolation (MSI) and to reduce the feed isolation portion of MSI from 60 seconds to 14 seconds.

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

Sincerely,

Original signed
by

Guy S. Vissing, Sr. 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

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NAME	SNorris	GVissing:cn	JStolz	JH	
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Mr. John F. Opeka
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit 2

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UNITED STATES NUCLEAR REGULATORY COMMISSION
NORTHEAST NUCLEAR ENERGY COMPANY
MILLSTONE NUCLEAR POWER STATION, UNIT NO. 2
DOCKET NO. 50-336
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of a license amendment to Northeast Nuclear Energy Company, (the licensee) for the Millstone Nuclear Power Station, Unit No. 2, located at the licensee's site in New London County, Connecticut.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed amendment would modify the Millstone 2 Technical Specifications (TS) in the area of Tables 3.3-3, 3.3-4, 3.3-5 and 4.3-2, of Section 4.8.1.1.2 and of the Bases Section 3/4.3, to add the high containment pressure signal as an input to main steam isolation (MSI) and to reduce the feed isolation portion of MSI from 60 seconds to 14 seconds.

The Need for the Proposed Action:

The license amendment is needed to correct an error found in the original Main Steam Line Break (MSLB) analysis. On reanalysis of the MSLB accident it was determined that an over pressurization and high temperature of the containment would exist due to three new postulated single failure modes for the steam line break inside the containment. Two postulated failures are the failure of the feedwater regulating and block valve and the feedwater

regulating bypass valve to terminate flow to the affected steam generator. The third is the failure of the vital busses to fast transfer to the Reserve Station Services Transformer.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to the TS. The impact of the above change has been evaluated in the licensee's proposal for amendment dated October 28, 1992, as supplemented November 20, 1992, and December 4, 1992, which has been evaluated by the staff using NRC-approved methodology. The proposed amendment will not increase the probability or consequences of accidents. No changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. In addition, the proposed amendment described is a refinement, rather than a substantial change in the operation of the facility. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendment.

With regard to potential nonradiological impacts, the proposed amendment does involve 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 impacts associated with the proposed amendment.

Alternatives to the Proposed Action:

It has been concluded that there is no measurable impact associated with the proposed amendment; any alternatives to the amendment would have either essentially the same or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of any resources different from or beyond the scope of resources used during normal plant operation, which were assessed in the Final Environmental Statement relating to plant operation.

Agencies and Persons Consulted:

The Commission's staff reviewed the licensee's request and did not consult other agencies or persons.

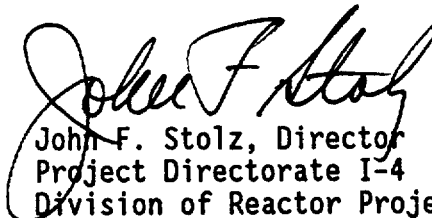
FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed amendment. Based upon the foregoing environmental assessment, the Commission concludes 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 request for license amendment dated October 28, 1992, as supplemented November 20, 1992, and December 4, 1992, which are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC 20555, and at the local public document room located at the Learning Resources Center, Thames Valley State Technical College, 574 New London Turnpike, Norwich, Connecticut 06360.

Dated at Rockville, Maryland this 16th day of December 1992

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black 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