

NORTHEAST UTILITIES



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

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August 17, 1992

Docket Nos. 50-423
B14220

Re: Bulletin 92-01

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

Gentlemen:

Millstone Nuclear Power Station, Unit No. 3
Revised Response to Bulletin 92-01

On June 24, 1992,⁽¹⁾ the NRC Staff issued Bulletin 92-01, "Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage," which requested licensees to identify the locations where this fire protection product is used in the plant and to take appropriate compensatory measures consistent with action that would be taken per technical specifications for an inoperable fire barrier.

On July 17, 1992,⁽²⁾ Northeast Nuclear Energy Company (NNECO) submitted a letter indicating that Thermo-Lag material was used inside containment, but a fire watch was not posted. As a compensatory measure, it was proposed that containment temperature would be monitored for sudden temperature increases.

On July 27, 1992,⁽³⁾ NNECO submitted a response to NRC Bulletin 92-01. On July 28, 1992, NNECO was informed by the NRC Staff that the compensatory measures proposed originally in NNECO's July 17, 1992, letter and restated in our response to Bulletin 92-01 were unacceptable. NNECO, in consultation with

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- (1) Charles E. Rossi letter to All Operating Licensees, "NRC Bulletin No. 92-01," dated June 24, 1992.
 - (2) J. F. Opeka letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 3, Bulletin 92-01," dated July 17, 1992.
 - (3) J. F. Opeka to U.S. Nuclear Regulatory Commission, "Haddam Neck Plant, Millstone Nuclear Power Station, Units 1, 2, and 3, Bulletin 92-01," dated July 27, 1992.

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the NRC Staff, submitted a temporary waiver of compliance⁽⁴⁾ (TWOC) which requested relief from Technical Specification 3.7.13. The NRC, on August 4, 1992, indicated that the TWOC was not required and requested NNECO to withdraw the TWOC and provide a revised response to Bulletin 92-01 to reflect the installation of a camera inside containment to monitor the affected conduit protected by Thermo-Lag 330 material.

Therefore, as agreed in the teleconference of August 5, 1992, NNECO hereby rescinds the request for a TWOC.

Bulletin 92-01 included three requested actions to be taken by each licensee. They are:

1. For those plants that use either 1- or 3-hour preformed Thermo-Lag 330 panels and conduit shapes, identify the areas of the plant which have Thermo-Lag 330 fire barrier material installed and determine the plant areas which use this material for protecting either small diameter conduit or wide trays (widths greater than 14 inches) that provide safe shutdown capability.
2. In those plant areas in which Thermo-Lag fire barriers are used to protect wide cable trays, small conduits, or both, the licensee should implement, in accordance with plant procedures, the appropriate compensatory measures, such as fire watches, consistent with those which would be implemented by either the plant technical specifications or the operating license for an inoperable fire barrier.
3. Each licensee, within 30 days of receiving this bulletin, is required to provide a written notification stating whether it has or does not have Thermo-Lag 330 fire barrier systems installed in its facilities. Each licensee who has installed Thermo-Lag 330 fire barriers is required to inform the NRC, in writing, whether it has taken the above actions and is required to describe the measures being taken to ensure or restore fire barrier operability.

In compliance with Requested Action No. 3, NNECO submitted a matrix⁽³⁾ which summarized the information requested in Bulletin 92-01. Attachment 4 of the July 27, 1992, letter has been revised for Millstone Unit No. 3. The revised matrix has four columns. They are:

(4) J. F. Opeka letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Temporary Waiver of Compliance, Technical Specification 3.7.13," dated July 31, 1992.

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Attachment 1

Millstone Nuclear Power Station, Unit No. 3

Revision to Attachment 4 of July 27, 1992, Letter
From J. F. Opeka to the U.S. Nuclear Regulatory Commission
entitled "Millstone Unit 3, TSI Thermo-Lag Summary--NRC Bulletin 92-01"

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Millstone Nuclear Power Station, Unit No. 3
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entitled "Millstone Unit 3, TSI Thermo-Lag Summary--NRC Bulletin 92-01"

Location of Material	Size/Configuration	Compensatory Measures	NU Action Plan
Containment--General Area Fire Zone RC-1C EL. (-)24'6" to 51'6"	Fire Water Control Valve--1.5" water curtain and smoke detection in area. Fire loading = 1 hr. 2 min. Suppression/detection in area.	A closed-circuit television camera has been installed which will monitor the affected area inside containment. This camera will be monitored on an hourly basis.	1.5" conduit is subject to this Bulletin. GL 86-10 evaluation to justify as-is condition will be performed. Ampacity derating will also be addressed. Plans to restore fire rating are under review.

Rev. 1, Dated 08/17/92