Northeast
Utilities System

107 Selden Street, Berlin, CT 06037

Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270
(203) 665-5000

March 24, 1994

Docket Nos. 50-213
50-245
50-336
50-423
B14787

Re: GL 92-08

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

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3
Summary of Thermo-Lag Usage

The purpose of this letter is to provide the NRC Staff with the total amount of Thermo-Lag 330-1 material used at the Haddam Neck Plant and Millstone Nuclear Power Station, Unit Nos. 1, 2, and 3.

Connecticut Yankee Atomic Power Company (CYAPCO) and Northeast Nuclear Energy Company (NNECO) via a letter dated February 11, 1994,[1] submitted a response to an NRC request for information[2] on the use of Thermo-Lag. During a telephone conversation with Mr. G. S. Vissing of the NRC Staff on March 9, 1994, a request was made to CYAPCO and NNECO to provide a total of Thermo-Lag material used at each plant. The attached table summarizes by unit, the application, quantity, and type of Thermo-Lag material used at the Haddam Neck Plant and Millstone Unit Nos. 1, 2, and 3.

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(1) J. F. Opeka letter to the U.S. Nuclear Regulatory Commission, "Response to Request for Additional Information Regarding Generic Letter 92-08 'Thermo-Lag 330-1 Fire Barriers,' Pursuant to 10CFR50.54(f)," dated February 11, 1994.

(2) L. J. Callan letter to J. F. Opeka, "Request for Additional Information Regarding Generic Letter 92-08, 'Thermo-Lag 330-1 Fire Barriers,' Pursuant to 10CFR50.54(f)—Haddam Neck Plant and Millstone Units 1, 2, and 3 (TAC Nos. M85555, M85570, M85571, M85572)," dated December 21, 1993.

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A029
1/1

If you should have any questions, please contact my staff.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

FOR: J. F. Opeka
Executive Vice President

BY: S. E. Scace
S. E. Scace
Vice President

cc: T. T. Martin, Region I Administrator
A. B. Wang, NRC Project Manager, Haddam Neck Plant
J. W. Andersen, NRC Acting Project Manager, Millstone Unit No. 1
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2
V. L. Rooney, NRC Project Manager, Millstone Unit No. 3
W. J. Raymond, Senior Resident Inspector, Haddam Neck Plant
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

Subscribed and sworn to before me
this 24th day of March, 1994
Laura M. Perzanowski

Date Commission Expires: 12/31/97

SUMMARY OF THERMO-LAG USAGE*
FOR MILLSTONE UNIT NOS. 1, 2, AND 3 AND THE HADDAM NECK PLANT

PLANT	APPLICATION	N/R	DESIGN RATING			
			1 Hour**		3 Hour	
		(linear feet)	(linear feet)	(square feet)	(linear feet)	(square feet)
Millstone 1	Cable Barrier	0 ft	0 ft	0 sq ft	0 ft	0 sq ft
	Conduit Barrier	10 ft	0 ft	0 sq ft	183 ft	0 sq ft
	Box Enclosure	0 ft	0 ft	11.5 sq ft	0 ft	41.3 sq ft
	Air Drop	15 ft	0 ft	0 sq ft	0 ft	0 sq ft
Millstone 2	Cable Barrier	0 ft	41 ft	157.4 sq ft	186.5 ft	894.3 sq ft
	Conduit Barrier	0 ft	140 ft	0 sq ft	155 ft	0 sq ft
	Air Drop	0 ft	162 ft	0 sq ft	10 ft	0 sq ft
	Junction Box	0 ft	0 ft	0 sq ft	0 ft	31.1 sq ft
Millstone 3	None	0	0	0	0	0
Haddam Neck	Cable Barrier	0 ft	0 ft	0 sq ft	0 ft	0 sq ft
	Conduit Barrier	80 ft	6 ft	0 sq ft	0 ft	0 sq ft
	Junction Box	0 ft	0 ft	20.75 sq ft	0 ft	0 sq ft

KEY: N/R means that the Thermo-Lag is not required to meet the criteria specified in the NRC letter of December 21, 1993, Section I.B.1.

* Dimensions shown are approximate.

** 1 inch Thermo-Lag material (3-hour protection) is used in all applications, including those requiring only 1-hour protection.