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NORTHEAST UTILITIES



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

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October 31, 1979

Docket No. 50-245

Mr. Boyce H. Grier, Director
NRC Regional Office
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Reference: (1) I&E Bulletin #79-24, "Frozen Lines",
dated September 27, 1979

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Response to I&E Bulletin #79-24

As required by reference (1), a review of freeze protection of safety related systems has been conducted at Millstone Unit No. 1. This review indicates that the existing measures are adequate.

Portions of safety related systems that may be exposed to freezing conditions are protected, by supplemental heat in the case of tanks, heated enclosures in the case of instruments and heat tracing, insulation and protective trenches in the case of pipes. The heat tracing is supplied by circuits that are powered from emergency plant power systems. The tanks are heated from the same house heating steam system that heats the plant buildings. Operating procedures require additional and more frequent monitoring of freeze protection systems during periods of extremely cold weather.

These measures have proven adequate over the last 10 years of operation and no further action is judged to be necessary.

Very truly yours,

Northeast Nuclear Energy Company

W.G. Council
Vice President

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