NORTHEAST UTILITIES
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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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May 22, 1981

Docket No. 50-336
A01665

Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

References: (1) D. G. Eisenhut letter to All Licensees of Operating PWR Nuclear Power Plants, Generic Letter 81-19, dated April 20, 1981.
(2) K. P. Baskin letter to D. G. Eisenhut, docketed May 15, 1981.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Reactor Vessel Pressurized Thermal Shock

In Reference (1), the NRC Staff identified concerns related to thermal repressurization transients and their effects on reactor vessel integrity for pressurized water reactors (PWR). Reference (1) requested that each licensee provide the Staff with the specific actions which they propose to undertake to resolve these concerns for their facility. To this effect, Northeast Nuclear Energy Company (NNECO) hereby provides the following information for Millstone Unit No. 2.

The Combustion Engineering Owners Group, of which NNECO is a member, commissioned CE to develop a program to address the potential reactor vessel integrity concerns as identified in Reference (1). A proposed program is currently under review by the Owners and has been submitted to the Staff in Reference (2). The Reference (2) program is scheduled for consideration for authorization by the CE Owners Group at a meeting on June 4, 1981. At this time, it is NNECO's intention to authorize the Reference (2) program for Millstone Unit No. 2.

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As was discussed in Reference (2), approximately five more effective full power years of operation would have to elapse before vessel integrity during a pressurized thermal shock transient could theoretically become a concern for Millstone Unit No. 2. This is based on conservative assumptions for vessel cooldown and radiation fluence as discussed in Reference (2).

Additional information concerning the program schedule will be docketed upon its availability.

We trust you find this information responsive to the Reference (1) requests.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Counsil

W. G. Counsil
Senior Vice President