

NORTHEAST UTILITIES

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

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

March 13, 1984

Docket No. 50-336
A03722

Director of Nuclear Reactor Regulation
Attn: Mr. James R. Miller
Operating Reactors Branch #3
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

- References: (1) K. L. Heitner letter to W. G. Counsil, dated December 30, 1983.
- (2) W. G. Counsil letter to J. R. Miller, dated December 12, 1983.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Followup Actions to Amendment No. 90 to
Operating License No. DPR-65

The NRC Staff forwarded Amendment No. 90 to Facility Operating License No DPR-65 in Reference (1). The amendment authorized Cycle 6 operation for Millstone Unit No. 2. In the cover letter accompanying the amendment, the Staff requested Northeast Nuclear Energy Company (NNECO) to commit to provide by the next refueling outage confirmation that the peak clad temperature for the limiting large break loss-of-coolant accident did not increase by more than 20°F due to the removal of the thermal shield or an analysis of the event in accordance with Section II.1.b of Appendix K to 10CFR50.

It is NNECO's position that adequate justification demonstrating the applicability of the current large break LOCA evaluation was provided in Reference (2) for operation of Millstone Unit No. 2 without a thermal shield. The results of the Reference (2) evaluation, while not quantitative, are consistent with those provided for another facility of similar design which also recently removed the thermal shield. NNECO expects the removal of the shield would result in a net benefit with respect to the large break LOCA peak clad temperature rendering the existing analysis, which includes inputs representing the thermal shield, conservative.

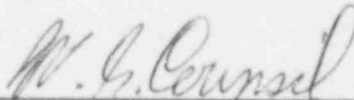
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It is NNECO's intention to provide additional information which supports the Reference (2) conclusions regarding the impact of removing the thermal shield on the large break LOCA evaluation. This information will confirm that the peak clad temperature does not increase by more than 20°F. This information will be docketed on or about May 25, 1984.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

A handwritten signature in cursive script, reading "W. G. Council", written over a horizontal line.

W. G. Council
Senior Vice President