

NORTHEAST UTILITIES

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

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February 3, 1984

Docket No. 50-336
B11024

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

Gentlemen:

- References: (1) D. C. Switzer letter to G. Lear, dated December 9, 1977.
(2) W. G. Counsil letter to J. R. Miller, dated January 4, 1984.

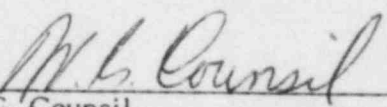
Millstone Nuclear Power Station, Unit No. 2
Reactor Pressure Vessel (RPV)
Material Surveillance Program

Reference (i) submitted the Millstone Unit No. 2 Reactor Vessel Material Surveillance Information Report. In Reference (2) Northeast Nuclear Energy Company (NNECO) submitted updated results of analyses performed on reactor vessel material surveillance specimen capsule W-97, retrieved during the Cycle 4 refueling outage.

The recent re-analysis of weld material in Weld Seam 9-203 revealed a discrepancy in new results and those previously submitted in Reference (1). A copper content of 0.37 weight percent was previously reported. Based on a review of pertinent technical data, NNECO has concluded that a more correct weight percent figure is 0.30. The 0.37 weight percent figure was based on one test of a weld procedure qualification sample, while the 0.30 figure is based on several tests of the surveillance weld, which is full thickness and duplicates base plates. Thus the correct value to use for weld seam 9-203 is 0.30 weight percent copper. This lesser value represents a reduction in the predicted susceptibility to embrittlement in weld 9-203 of the RPV, and as such no further action is necessary.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


W. G. Counsil
Senior Vice President

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