



APRTERN MARRIAGING GETTE ELECTION COMPANY KOLYDKE WATER POWER COMPANY WITHEAST UTILITIES SERVICE COMPAN RTHEAST NUCLEAR ENERGY COMPAN

General Offices . Selden Street, Berlin, Connecticut

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

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, retreived 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

8402140416 840203 PDR ADOCK 0500033