

# 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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April 5, 1993

Docket No. 50-336

B14395

Re: CRDR

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2  
Completion of Human Engineering Discrepancies

In a letter dated September 30, 1986,<sup>(1)</sup> Northeast Nuclear Energy Company (NNECO) submitted to the NRC Staff the Control Room Design Review (CRDR) Summary Report for Millstone Unit No. 2. Included in the Summary Report was a schedule which identified the refueling outage in which the corrective action for each human engineering discrepancy (HED) would be completed. In a letter dated October 5, 1989,<sup>(2)</sup> NNECO submitted a revised schedule for HED resolution. This revised schedule did not affect the overall commitment to complete all of the HED corrections by the end of the Cycle 10 refueling outage.

In a letter dated March 19, 1991,<sup>(3)</sup> the last three HED items were discussed. Based upon a detailed review of HEDs TA-008a and TA-028, the resolution was changed to accept the present plant installation. The last remaining HED, TA-032, was scheduled for resolution during the steam generator replacement/Cycle 11 refueling outage in 1992.

During the steam generator replacement/Cycle 11 refueling outage, four new instruments were installed to monitor steam generator wide-range level. These instruments have a calibrated range of 0-460" which corresponds from approximately 20" above the tube sheet to the top of the moisture separators.

- (1) J. F. Opeka letter to A. C. Thadani, "Control Room Design Review Summary Report," dated September 30, 1986.
- (2) E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, "Control Room Design Review Addendum Report," dated October 5, 1989.
- (3) E. J. Mroczka letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 2 Correction of Human Engineering Discrepancies," dated March 19, 1991.

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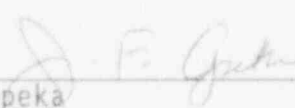
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Each steam generator contains two safety-related, environmentally qualified transmitters which are powered from separate vital A.C. sources. Indication is available on the main control room panel C05F and the Plant Integrated Computer System. All signal processing and isolation is performed within the Foxboro Spec. 200 cabinets RC31C (Facility Z1) and RC31D (Facility Z2) located in the control room. The instrumentation was designed and qualified to operate during normal accident and postaccident conditions. This installation fulfills the commitment identified during the performance of the CRDR and Regulatory Guide 1.97, Rev. 2.

The installation of the steam generator wide-range level instrumentation resolves the last HED. All CRDR commitments for Millstone Unit No. 2 are now complete. Should you require any additional information, please contact my staff.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
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J. F. Opeka  
Senior Vice President

cc: T. T. Martin, Region I Administrator  
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2  
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2,  
and 3