

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) 665-5000

November 20, 1984

Docket No. 50-423
F0502A

Dr. Thomas E. Murley
Regional Administrator
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

- References: (1) W. G. Counsil letter to T. E. Murley, F0433A, dated December 9, 1983.
- (2) W. G. Counsil letter to T. E. Murley, F0450A, dated March 1, 1984.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3
Reporting of Potential Significant Deficiencies
in Design and Construction:
Main Control Board Lugs (SD-48)

In a November 10, 1983 telephone conversation between your Mr. T. Elsasser and our Mr. J. Festa, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10CFR50.55(e). The potential significant deficiency involved inadequate terminations of #14 AWG Tefzel and ITT Exane wire to AMP PIDG 53983-1 16-14 HD lugs in the main control board supplied by Reliance Electric Company. In addition, Reliance Electric identified two other areas of concern in their inspection regarding configurations not included in the original seismic test report. The first of these concerned 16-14 AWG lugs that were used to terminate 20 AWG resistor leads on Cutler-Hammer Type E-30 switches and on Stanwick terminal blocks. The second area regarded 16-14 AWG lugs that were terminated to the conductors using an ETC crimper. We completed our evaluation of the problem regarding inadequate terminations to the lugs in the main control board and determined that it is a significant deficiency (see References 1 and 2).

Reliance Electric Company has completed a 100% inspection of all lugs within their supplied panels. In addition, our architect-engineer, Stone & Webster Engineering Corporation, has completed all of the repair work for the improperly crimped lugs in the pre-turned-over panels. NNECO is in the progress of repairing the subject post-turned-over panels.

Regarding the other two areas of concern, Reliance Electric has completed the seismic testing of these two configurations in accordance with the seismic

8412060703 841120
PDR ADOCK 05000423
S PDR

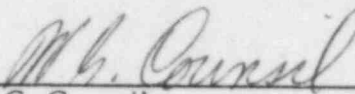
1/0
15 27

portion of IEEE-323. The mild environment qualification plan (Report Number SQP-99X2087-A) has also been revised accordingly.

Reliance Electric is in the process of developing their final test report. We will provide you with an update on this matter by February 27, 1985.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


W. G. Counsil
Senior Vice President

cc: Mr. R. C. DeYoung, Director
Division of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, MD 20014