

**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

June 1, 1984

Docket No. 50-423  
F0517A

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

Reference: (1) W. G. Counsil to T. E. Murley, F00500A, dated March 16, 1984.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3  
Reporting of Potential Significant Deficiencies  
in Design and Construction:  
Isolator Cabinets, Main Ventilation, Air Conditioning and  
Other Miscellaneous Panels with Improperly Crimped Lugs (SD-53)

In a February 15, 1984 telephone conversation between your Mr. T. Rebelowski and our Mr. R. E. Lefebvre, 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 involves inadequate lug crimping in isolator cabinets, main ventilation, air conditioning, and other miscellaneous panels supplied by Systems Control.

Our architect-engineer, Stone & Webster Engineering Corporation, has completed a one-hundred percent lug crimping inspection for all pre-turned-over panels supplied by Systems Control. Repair work for these panels will begin in mid-June, 1984. NNECO has completed a similar inspection program for all post-turned-over panels supplied by Systems Control and approximately seventy-eight percent of the repair work has been completed for these post-turned-over panels.

The inspection programs revealed that approximately forty to sixty percent of the terminations in the panels supplied by Systems Control for Millstone Unit No. 3 had incomplete or incorrectly crimped lugs that met the rejection criteria specified in the manufacturer's Instruction/Maintenance/Inspection Manual. The repaired lugs will be installed to meet the manufacturer's installation criteria.

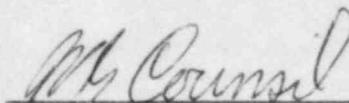
8406120315 840601  
PDR ADOCK 05000423  
S PDR

1/0  
1E 27

We are not able to provide you with a final report at this time. We will provide an update or a final report on this matter by September 27, 1984.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council  
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

1984 JUN 14 10 30 AM  
RECEIVED