

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 20, 1984

Docket No. 50-423
F0529A

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

Reference: (1) W. G. Counsil to T. E. Murley, F0467A, dated February 15, 1984.

(2) W. G. Counsil to T. E. Murley, F0493A, dated March 23, 1984.

Millstone Nuclear Power Station, Unit No. 3
 Reporting of Potential Significant Deficiencies
 In Design and Construction:
Phase-to-Phase Electric Fault in a Motor Control Center (SD-50)

In a January 16, 1984 telephone conversation between the NRC Resident Inspector, Mr. T. Rebelowski and our Mr. D. B. Vail, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10CFR50.55(e). Subsequently, this was followed up with another telephone conversation with your Mr. T. Elsasser on January 17, 1984. The potential significant deficiency involves a phase-to-phase electrical fault which occurred in a motor control center (MCC) supplied by Gould, Inc. while a technician was testing with a clamp-on ammeter. The fault occurred between adjacent phases of the uninsulated cable adapters used to terminate oversized cables to MCC circuit breakers and starters.

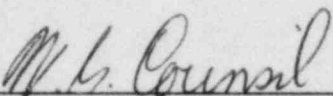
We have received the seismic qualification data from Gould, Inc. regarding the uninsulated cable adapters which were used to terminate oversized cables to the MCC circuit breakers and starters. This information is presently being reviewed by our architect-engineer, Stone & Webster Engineering Corporation.

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We are not able to provide you with a final report at this time. Our next report will be provided to you by August 2, 1984.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
Senior Vice President

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

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