

# 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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February 15, 1985

Docket No. 50-423  
F0675A

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

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3  
Reporting of Potential Significant Deficiencies  
in Design and Construction:  
Emergency Generator Load Sequencers (SD-71)

In a January 17, 1985 telephone conversation between your Mr. T. Rebelowski and our Mr. R. K. McCarthy, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10CFR 50.55(e).

The potential significant deficiency involves improper operation of the emergency generator load sequencers supplied by Vitro Labs. While performing an automatic test verification utilizing the external auto-test box, it was discovered that the loss of power relays on the output of the load sequencers will actuate. This actuation will result in the de-energization of all affected loads on the subject bus. The purpose of the test is to verify the critical electrical path within the sequencer logic. This test verification should not actuate the output relays of the sequencer.

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Vitro Labs is in the process of generating the engineering design package. NNECO will review their design and initiate actions to correct this potential significant deficiency. We will provide you with an update on this matter by April 15, 1985.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

*W. G. Council*

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W. G. Council  
Senior Vice President

*C. F. Sears*

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By: C. F. Sears  
Vice President

cc: Mr. J. M. Taylor, Director  
Division of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Phillips Building  
7920 Norfolk Avenue  
Bethesda, MD 20814