

# 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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(203) 665-5000

May 8, 1985

Docket No. 50-423  
F0735A

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

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3  
Reporting of Potential Significant Deficiencies  
in Accordance with 10CFR50.55(e):  
Westinghouse 7300 Protection System (SD-79)

In an April 8, 1985 telephone conversation between your Mr. T. Rebelowski and our Mr. G. Olsen, Northeast Nuclear Energy Company reported a potential significant deficiency in the construction of Millstone Unit No. 3 in accordance with 10CFR50.55(e). The potential significant deficiency involves the Westinghouse 7300 protection system.

Interconnection cabling for the 24 volt DC power supply system between the 7300 protection rack sets was designed and installed as nonsafety-related cable within the same cable tray. Since the 24 volt DC is used as an auctioneered power supply for the 26 volt DC power supply, the cabling should have been safety-related and installed in accordance with Millstone Unit No. 3's separation criteria. Hence, this represents a significant deficiency in the final design for Millstone Unit No. 3.

Our architect-engineer, Stone & Webster Engineering Corporation, is in the process of redesigning this configuration. We will provide you with an update on this matter by June 19, 1985.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

*J. F. Opeka*

J. F. Opeka  
Senior Vice President

*C. F. Sears*

By: C. F. Sears  
Vice President

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cc: Mr. J. M. Taylor, Director  
Division of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555