

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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October 21, 1985

Docket No. 50-423
F0877A

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

Reference: (1) W. G. Counsil letter to R. C. Haynes, B10560, dated September 10, 1982.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3
Reporting of Potential Significant Deficiencies
in Accordance with 10CFR50.55(e): Solid State
Protection System - Undetectable Failure (SD-26)

In an August 4, 1982 telephone conversation between your Mr. L. Briggs and our Mr. R. Lefebvre, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 in accordance with 10CFR50.55(e). This potential significant deficiency involved an undetectable failure which could exist in the on-line testing circuits for relays within the Westinghouse solid state protection system.

In Reference (1), NNECO determined this to be a significant deficiency. Additionally in Reference (1), NNECO committed to implement the Westinghouse recommended test procedures revision which would assure that such a failure could not go undetected.

Although no design changes were deemed necessary at the time to resolve safety concerns, Westinghouse undertook a design review of the matter in the interest of prudent engineering.

Subsequently, Westinghouse sent (FCN-NEUM-10558) Field Change Notice to NNECO recommending a design change to the SSPS system. This design change modified the SSPS output relay test panel to insure detection of a potentially undetectable test circuit failure. NNECO implemented the design change and installed the change per the FCN. Once the change was installed, the circuit was tested in accordance with the SSPS technical manual.

This minor circuit modification obviated the need for the special testing described in Ref. (1).

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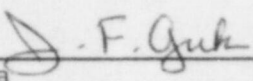
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The purpose of this update is to delete the testing commitment noted in Reference 1 and report the incorporation of the above described modification.

We consider this information sufficient to close this issue.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



J. F. Opeka
Senior Vice President

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