

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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November 13, 1985

Docket No. 50-423

F0892A

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

- References: (1) J. F. Opeka letter to T. E. Murley, F0779A, dated June 6, 1985.
- (2) J. F. Opeka letter to T. E. Murley, F0788A, dated August 29, 1985.
- (3) J. F. Opeka letter to T. E. Murley, F0844A, dated September 30, 1985.
- (4) J. F. Opeka letter to T. E. Murley, dated October 30, 1985.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3
Reporting of Potential Significant Deficiencies
in Accordance with 10CFR 50.55(e):
Core Exit Thermocouples (SD-82)

In a May 9, 1985 telephone conversation between your Mr. T. Rebelowski and our Mr. R. K. McCarthy, Northeast Nuclear Energy Company reported a potential significant deficiency in the construction of Millstone Unit No. 3 in accordance with 10CFR 50.55(e). The potential significant deficiency involved the core exit thermocouple systems provided by Westinghouse.

As noted in Reference (1), while performing equipment qualification testing of the core exit thermocouples, Westinghouse noted that the total system error exceeded the errors assumed in the Westinghouse Emergency Response Guidelines. These guidelines were used to develop the Emergency Operating Procedures (EOPs).

References (2), (3) and (4) provided status concerning our efforts to resolve this issue. As noted in Reference (4), an evaluation has been performed to address the impact of increased core exit temperature errors in the EOPs. Westinghouse has determined that the Millstone Unit No. 3. specific errors for core exit temperature are 20°F, normal environment and 49°F, adverse environment.

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Based upon these values, Westinghouse has calculated new EOP setpoints to be used in the Millstone Unit 3 EOPs. No changes other than the setpoints, are required to address the increased core exit temperature error.

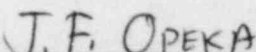
Based on the Millstone Unit No. 3 Plant Specific Setpoints for Emergency Operating Procedures, Revision 1, (which is based on Revision 1 of the Westinghouse Emergency Response Guidelines) we consider this not to be a significant deficiency for Millstone Unit No. 3.

As such, we consider this to be our final report for SD-82.

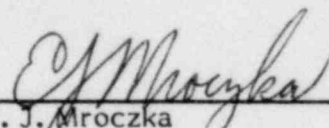
This final report is being provided on November 13, rather than November 12, as discussed with your Resident Inspector, Mr. F. Casella.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



J. F. Opeka
Senior Vice President



By: E. J. Mroczka
Vice President

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