

# 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) 665-5000

September 18, 1985

Docket No. 50-423

F0843A

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, F0754A, dated May 10, 1985.
- (2) J.F. Opeka letter to T.E. Murley, F0777A, dated July 11, 1985.

Dear Dr. Murley:

Millstone Nuclear Power Station, Unit No. 3  
Reporting of Potential Significant Deficiencies  
in Accordance with 10CFR50.55(e):  
Structural Steel Connections in the Main Steam Valve Building (SD-81)

In an April 12, 1985 telephone conversation between your Mr. T. Rebelowski and our Mr. P.J. Quinlan, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 in accordance with 10CFR50.55(e). As noted in Reference (1), the potential significant deficiency involved structural steel connections in the Main Steam Valve Building (MSVB).

During the NRC Construction Appraisal Team inspection at Millstone Unit No. 3, a concern was identified regarding undersized fillet welds on the clip angles for three (3) W14 x 68 beams welded to embedded plates for the structural steel installation in the MSVB. Further concerns were identified with beams utilizing fixed end and slotted connections. The inspection also revealed beams with slotted connections to have bolts tensioned beyond the finger-tight requirement of the design drawing.

8510090177 850918  
PDR ADOCK 05000423  
S PDR

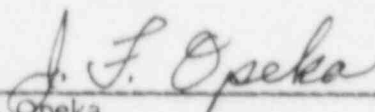
1/0 1E27

As noted in Reference (2), NNECO determined this to be a significant deficiency in accordance with 10CFR50.55(e). NNECO also noted that these conditions are expected to be limited to the MSVB and that a sampling of connections in other QA Category 1 Buildings was still being performed to verify this. The sampling of connections has been completed, however, an evaluation of sample results is still in progress. We will provide a final report including corrective action on this matter by October 10, 1985.

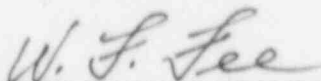
This update is being provided on September 18 rather than September 12, as discussed with your Mr. D. Lipinski.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



J.F. Opeka  
Senior Vice President



By: W. F. Fee  
Executive Vice President

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