

**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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March 1, 1984

Docket No. 50-423  
F0471A

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: NAMCO Model  
EA-180 Limit Switches (SD-51)

In a January 31, 1984 telephone conversation between your Mr. T. Rebelowski and our Mr. D. B. Vail, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10CFR50.55(e). Subsequently, this was followed up with another telephone conversation with your Mr. T. Elsasser on February 1, 1984.

The potential significant deficiency involves NAMCO Model EA-180 limit switches provided as accessories on valves supplied by Pacific Valves. NAMCO has determined that the splined lever shaft in some NAMCO Model EA-180 limit switches may not expand adequately to secure the operating lever when the expansion plug is tightened in the end of the shaft. A preliminary review performed by NUSCO Engineering has determined that this potential significant deficiency can adversely impact the operation of Category 1E circuits and equipment.

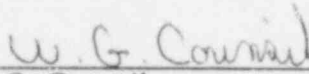
The scope of impact of this significant deficiency upon Category 1E circuits and equipment has not been determined at this time. Discussions with the vendor and an investigation of this deficiency have been initiated to define the scope of

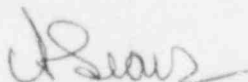
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impact and identify other possible affected Category IE equipment/circuits. We will provide you with an update on this matter as information becomes available.

Very truly yours,

  
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W. G. Council  
Senior Vice President

  
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By: C. F. Sears  
Vice President Nuclear and  
Environmental Engineering

cc: Mr. R. C. DeYoung, Director  
Division of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Phillips Building  
7920 Norfolk Avenue  
Bethesda, MD 20014