

# 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) 666-6911

July 5, 1984

Docket No. 50-423  
F0570A

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:  
Two Potential Safety Issues (SD-57)

In a June 5, 1984 telephone conversation between your Mr. T. Rebelowski and our Mr. R. R. Viviano, Northeast Nuclear Energy Company (NNECO), reported a potential significant deficiency in the design and construction of Millstone Unit No. 3 as required by 10 CFR 50.55(e). The potential significant deficiency involves the following two potential safety issues:

(1) High Energy Line Breaks Outside Containment

This safety issue concerns the temperature envelope requirements on the environmental qualification of equipment outside containment for high energy line breaks.

We are in the process of evaluating this potential safety concern. A subsequent report will be provided to you by September 19, 1984.

(2) Number of Reactor Coolant Pumps Operating in Mode 3

The second potential safety issue concerns the number of Reactor Coolant Pumps (RCP) which need to be operating in Mode 3. An inconsistency exists between the number of RCPs assumed to be operating in the Millstone Unit No. 3 FSAR Accident Analyses (two RCPs operating, one on standby) and the Westinghouse Standard Technical Specifications (one RCP operating, one on standby).

The Millstone Unit No. 3 Technical Specifications have not yet been submitted to the NRC. When they are submitted to the NRC in November 1984, they will reflect the number of RCPs operating in Mode 3 assumed in the safety analyses. As such, we do not consider this to be a potential significant deficiency.

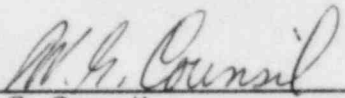
8407190322 840705  
PDR ADOCK 05000423  
S PDR

1/0  
1E 27

We trust that the above information satisfactorily responds to your concerns.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
\_\_\_\_\_  
W. G. Council  
Senior Vice President

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

REC'D - DIV. OF INSPECTION AND ENFORCEMENT

SEP 11 1974