

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 • Seldon Street, Berlin, Connecticut

F.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

June 17, 1983

Docket No. 50-423
B10815

Dr. Thomas E. Murley
Region I
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Gentlemen:

Millstone Nuclear Power Station, Unit No. 3
Reporting of Potential Significant Deficiencies
in Design and Construction: Containment
Liner Fire Damage (Stud Spacing) SD-38

In a May 19, 1983, telephone conversation between your Mr. T. Elsasser and our Mr. R. R. Viviano, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by Title 10 Code of Federal Regulations Part 50, Paragraph 55(e). The potential significant deficiency involves containment liner stud (anchor) spacing in excess of specification requirements.

During removal of a section of fire damaged liner, stud spacing in one location was found to be in excess of specification requirements ($12" + 1\frac{1}{2}"$). This is a concern since article CC-3000 of ASME Section III, Division 2 (subsection CC - 3123) requires that the anchorage system be designed to maintain structural and leak-tight integrity for all design conditions. In addition progressive failure due to a defective or missing anchor must be designed against. Although the liner design meets these requirements, the consequences of larger anchor spacing have not been evaluated and could represent a potentially significant deficiency.

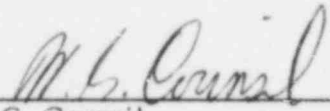
An engineering evaluation is presently being conducted to determine the potential impact of large anchor spacing on containment liner integrity along with a review of construction records and photographs to establish the probable maximum spacing between adjacent anchors in any given area.

8307010133 830617
PDR ADDCK 05000423
PDR
S

1627
1/0

We will provide you with another report in this matter by December 1, 1983.

Very truly yours,
NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council
Senior Vice President