

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

March 7, 1984

Docket No. 50-423
F0489A

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: Service Water
Pipe Trunions (SD-52)

In a February 6, 1984 telephone conversation between your Mr. T. Elsasser and our Mr. R. W. Vogel, Northeast Nuclear Energy Company (NNECO) reported a potential significant deficiency in the construction of Millstone Unit No. 3 as required by 10CFR50.55(e). The potential significant deficiency involves fabrication of integral welded carbon steel trunions to copper nickel piping in the Service Water System. Deformation of the copper nickel pipes in the vicinity of the carbon steel trunions was observed. Two attachment weldments leaked during hydrostatic tests.

Our architect engineer, Stone & Webster Engineering Corporation, is in the process of reevaluating the design and fabrication details of the carbon steel trunion attachments to the copper nickel piping. Initial inspection and analysis has resulted in redesign and replacement of seven (7) integral welded trunions. The remaining twenty (20) trunions are being redesigned.

We are not able to provide you with a final report at this time. We will provide you with an update on this matter by May 15, 1984.

Very truly yours,

A handwritten signature in cursive script, reading 'W. G. Council', written in dark ink.

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

8404030470 840307
PDR ADOCK 05000423
S PDR

FE27
1/0