

# 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

May 3, 1984

Docket No. 50-423  
B11155

Director of Nuclear Reactor Regulation  
Mr. B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Reference: (1) B. J. Youngblood letter to W. G. Council, Draft SER, dated  
December 20, 1983.  
(2) B. J. Youngblood letter to W. G. Council, Request for  
Additional Information, dated January 16, 1984.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 3  
Response to Materials Engineering Branch DSER Open Item

Attached is Northeast Nuclear Energy Company's (NNECO) response to the  
Materials Engineering Branch, Inservice Inspection Section open item MTEB  
250.11 concerning ultrasonic examination of welds fabricated from cast stainless  
steel. We expect the response will resolve the Staff's concerns regarding this  
open item.

If there are any questions, please contact our licensing representative.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY  
et. al.

BY NORTHEAST NUCLEAR ENERGY COMPANY  
Their Agent

W. G. Council  
W. G. Council  
Senior Vice President

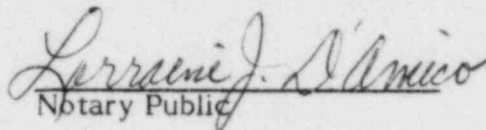
C. F. Sears  
By: C. F. Sears  
Vice President Nuclear and  
Environmental Engineering

13001  
11

8405170213 840503  
PDR ADDCK 05000423  
E PDR

STATE OF CONNECTICUT   )  
                                  ) ss. Berlin  
COUNTY OF HARTFORD   )

Then personally appeared before me C. F. Sears, who being duly sworn, did state that he is Vice President of Northeast Nuclear Energy Company, an Applicant herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Applicants herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.

  
Notary Public

My Commission Expires March 31, 1988

Millstone Nuclear Power Station, Unit No. 3

Open Item

Materials Engineering Branch

Inservice Inspection Section

MTEB 250.11

The FSAR shows that reactor coolant piping, fittings, branch nozzles, and flanges are fabricated from cast stainless steel. Discuss the ultrasonic examination of welds fabricated from this material and the method of procedure qualification used to assure that potential service-induced degradation will be detected.

Response

Enclosed for your information, is a copy of the Westinghouse Procedure "Manual Ultrasonic Examination of Welds" (ISI-206 Rev. 0). This procedure will be used to examine the main coolant piping welds (material - cast stainless steel).

The NRC witnessed an on-site demonstration of inspectability of cast piping, using the enclosed procedure, that was performed by Westinghouse at the Callaway and Comanche Peak sites. Northeast Nuclear Energy Company has not received any information from the NRC Staff pertaining to the above demonstrations. Westinghouse is prepared to give a demonstration of their UT inspection technique on the reactor coolant piping at the Millstone site, if requested by the NRC Staff.