

Docket No. 50-245
LS05-84-06-035

June 20, 1984

DISTRIBUTION

~~Docket~~
NRC PDR
Local PDR
ORB #5 Reading
NSIC
DCrutchfield
LA
JShea
OELD
ELJordan
JNGrace
ACRS (10)
SEPB

Mr. W. G. Counsil, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06141

Dear Mr. Counsil:

SUBJECT: SAFETY EVALUATION OF THE IMPLEMENTATION OF NUREG-0313,
REVISION 1 IN MILLSTONE UNIT 1 PLANT

The Generic Letter 81-04, dated February 26, 1981, requested that you review all ASME-Code Class 1 and 2 pressure boundary piping, safe ends, and fitting materials, including the weld metal in Millstone Unit 1 plant to determine if they were in compliance with the guidelines in NUREG-0313, Revision 1 "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping," dated July 1980. By letters dated July 1, 1981, August 30, 1982, June 21, 1983, you provided information in response to this Generic Letter.

The NRC staff has completed the review and evaluation of your responses to the request with the assistance of our contractor. EG&G concluded that your responses did not fully meet the guidelines set forth in NUREG-0313, Revision 1.

In view of the recent industry-wide experience in IGSCC and the on-going revisions of regulatory requirements, we understand that you have revised your plan to deal with this issue. Therefore, we are transmitting the attached Safety Evaluation Report, which also includes the Technical Evaluation Report prepared by our contractor, for your information. Further staff action may be necessary pending our review of your responses to these two Generic Letters.

Sincerely,

Original signed by Thomas Wambach

for
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
Safety Evaluation with EG&G
Technical Evaluation Report

cc w/enclosure
See next page

DL:ORB #5
JShea:jc
6/15/84

DL:ORB #5
DCrutchfield
6/20/84

SE01
DSW use 27



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 20, 1984

Docket No. 50-245
LS05-84-06-035

Mr. W. G. Council, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06141

Dear Mr. Council:

SUBJECT: SAFETY EVALUATION OF THE IMPLEMENTATION OF NUREG-0313,
REVISION 1 IN MILLSTONE UNIT 1 PLANT

The Generic Letter 81-04, dated February 26, 1981, requested that you review all ASME-Code Class 1 and 2 pressure boundary piping, safe ends, and fitting materials, including the weld metal in Millstone Unit 1 plant to determine if they were in compliance with the guidelines in NUREG-0313, Revision 1 "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping," dated July 1980. By letters dated July 1, 1981, August 30, 1982, June 21, 1983, you provided information in response to this Generic Letter.

The NRC staff has completed the review and evaluation of your responses to the request with the assistance of our contractor. EG&G concluded that your responses did not fully meet the guidelines set forth in NUREG-0313, Revision 1.

In view of the recent industry-wide experience in IGSCC and the on-going revisions of regulatory requirements, we understand that you have revised your plan to deal with this issue. Therefore, we are transmitting the attached Safety Evaluation Report, which also includes the Technical Evaluation Report prepared by our contractor, for your information.

Sincerely,

for Thomas V. Wambach
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
Safety Evaluation with EG&G
Technical Evaluation Report

cc w/enclosure
See next page

Mr. W. G. Council

cc
Gerald Garfield, Esquire
Day, Berry & Howard
Counselors at Law
One Constitution Plaza
Hartford, Connecticut 06103

Arthur Heubner, Director
Radiation Control Unit
Department of Environmental
Protection
State Office Building
Hartford, Connecticut 06115

John F. Opeka
Vice President, Nuclear Operations
Northeast Utilities Service Company
Post Office Box 270
Hartford, Connecticut 06141

State of Connecticut
Office of Policy and Management
ATTN: Under Secretary Energy
Division
80 Washington Street
Hartford, Connecticut 06115

U.S. Environmental Protection Agency
Region I Office
ATTN: Regional Radiation Representative
JFK Federal Building
Boston, Massachusetts 02203

Dr. Thomas E. Murley, Regional Administrator
Nuclear Regulatory Commission, Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Northeast Nuclear Energy Company
ATTN: Superintendent
Millstone Plant
P. O. Box 128
Waterford, Connecticut 06358

Resident Inspector
c/o U.S. NRC
Millstone Plant
P. O. Box 811
Niantic, Connecticut 06357

First Selectman of the Town
of Waterford
Hall of Records
200 Boston Post Road
Waterford, Connecticut 06385