



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

March 19, 1979

Docket Nos. 50-245
50-336
50-423


Northeast Nuclear Energy Company
ATTN: Mr. W. G. Council
Vice President - Nuclear
Engineering and Operations
P. O. Box 270
Hartford, Connecticut 06101

Gentlemen:

Enclosed is a supplement (IE Bulletin No. 78-12B) to IE Bulletin Nos. 78-12 and 12A, which requires action by you with regard to your power reactor facility(ies) with an operating license or a construction permit. A written response is required.

Should you have any questions regarding this Bulletin or the actions required by you, please contact this office.

Sincerely,


for Boyce H. Grier
Director

Enclosures:

1. IE Bulletin 78-12B
2. List of IE Bulletins Issued
in Last Twelve Months

cc w/encs:

K. W. Gray, Construction Quality Assurance Lead
H. R. Nims, Director of Nuclear Projects
J. F. Opeka, Station Superintendent
D. G. Diedrick, Manager of Quality Assurance
J. R. Himmelwright, Licensing Safeguards Engineer
A. Z. Roisman, Natural Resources Defense Council

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

IE Bulletin No. 78-12B
Date: March 19, 1979
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ATYPICAL WELD MATERIAL IN REACTOR PRESSURE VESSEL WELDS

Description of Circumstances:

This bulletin is a supplement to IE Bulletins 78-12 and 12A and all three documents must be collectively considered to provide an adequate response to the bulletins.

Following the issuance of IE Bulletin 78-12A, members of the Office of Inspection and Enforcement staff met with representatives from the reactor vessel manufacturers and suppliers to discuss the requirements of the bulletins. During these meetings, detailed interpretation of the data requirements was provided based on the manufacturer's respective methods of fabrication and record systems.

Recognizing that the scope of the record review is extensive, additional time to respond to the bulletins is provided by this supplement.

Action to be Taken by Licensees and Permit Holders:

This bulletin applies to all power reactor facilities with an operating license or a construction permit, except those already identified as possibly having atypical weld material.

Responses to the requirements in Bulletins 78-12 and 12A shall be submitted in writing in accordance with the following schedule:

1. Generic reports from each reactor vessel manufacturer shall be submitted to the NRC by May 1, 1979.
2. The licensee responses shall be submitted by May 29, 1979. The licensee's response shall include all of the specific vessel information required by the bulletins which is not covered by the vessel manufacturers generic report and shall indicate that the licensee is satisfied that the generic report adequately represents data for the specific vessels covered by the licensee's report.

Approved by GAO, B180225 (R0072); clearance expires 7/31/80. Approval was given under a blanket clearance specifically for identified generic problems.

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LISTING OF IE BULLETINS
ISSUED IN LAST TWELVE MONTHS

Bulletin No.	Subject	Date Issued	Issued To
78-05	Malfunctioning of Circuit Breaker Auxiliary Contact Mechanism - General Electric Model CR105X	4/14/78	All Power Reactor Facilities with an Operating License (OL) or Construction Permit (CP)
78-06	Defective Cutler- Hammer, Type M Relays With DC Coils	5/31/78	All Power Reactor Facilities with an OL or CP
78-07	Protection afforded by Air-Line Respirators and Supplied-Air Hoods	6/12/78	All Power Reactor Facilities with an OL, all class E and F Research Reactors with an OL, all Fuel Cycle Facilities with an OL, and all Priority I Material Licensees
78-08	Radiation Levels from Fuel Element Transfer Tubes	6/12/78	All Power, Test and Research Reactor Facilities with an OL having Fuel Element Transfer Tubes
78-09	BWR Drywell Leakage Paths Associated with Inadequate Drywell Closures	6/14/78	All BWR Power Reactor Facilities with an OL (for action) or CP (for information)
78-10	Bergen-Paterson Hydraulic Shock Suppressor Accumulator Spring Coils	6/27/78	All BWR Power Reactor Facilities with an OL or CP

LISTING OF IE BULLETINS
 ISSUED IN LAST TWELVE MONTHS (CONTINUED)

Bulletin No.	Subject	Date Issued	Issued To
78-11	Examination of Mark I Containment Torus Welds	7/24/78	BWR Power Reactor Facilities with an OL for action: Peach Bottom 2 and 3, Quad Cities 1 and 2, Hatch 1, Monticello and Vermont Yankee. All other BWR Power Reactor Facilities with an OL for information
78-12	Atypical Weld Material in Reactor Pressure Vessel Welds	9/29/78	All Power Reactor Facilities with an OL or CP
78-12A	Atypical Weld Material in Reactor Pressure Vessel Welds	11/24/78	All Power Reactor Facilities with an OL or CP
78-13	Failures In Source Heads of Kay-Ray, Inc. Gauges Models 7050, 7050B, 7051, 7051B, 7060, 7060B, 7061 and 7061B	10/27/78	All General and Specific Licensees with the subject Kay-Ray, Inc. Gauges
78-14	Deterioration of Buna-N Components In ASCO Solenoids	12/19/78	All BWR Power Reactor Facilities with an OL (for action), and all other Power Reactor Facilities with an OL or CP (for information)
79-01	Environmental Qualification of Class IE Equipment	2/8/79	All Power Reactor Facilities with an OL, except the 11 Systematic Evaluation Program Plants (for action), and all other Power Reactor Facilities with an OL or CP (for information)

LISTING OF IE BULLETINS
ISSUED IN LAST TWELVE MONTHS (CONTINUED)

Bulletin No.	Subject	Date Issued	Issued to
79-02	Pipe Support Base Plate Design Using Concrete Expansion Anchor Bolts	3/8/79	All Power Reactor Facilities with an OL or CP
79-03	Longitudinal Weld Defects in ASME SA-312 Type 304 Stainless Steel Pipe Spools Manufactured by Youngstown Welding and Engineering Company	3/12/79	All Power Reactor Facilities with an OL or CP