



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 16, 2011

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT 1 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING RELIEF REQUEST RR-10-01,  
CONTROL ROD DRIVE HOUSING EXAMINATIONS ASSOCIATED WITH THE  
THIRD INSERVICE INSPECTION INTERVAL (TAC NO. ME4882)

Dear Mr. Pacilio:

By letter dated October 13, 2010 (Agencywide Documents Access and Management System Accession No. ML102870077), Exelon Generation Company, LLC (Exelon, the licensee) submitted a relief request proposing to conduct alternative examinations of welds on three non-peripheral control rod drive (CRD) housings in lieu of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code required examinations of certain peripheral CRD housings.

The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The questions were sent via electronic transmission on March 11, 2011, to Mr. Thomas Loomis, of your staff. The draft questions were sent to ensure that the questions were understandable, the regulatory basis for the questions was clear, and to determine if the information was previously docketed. The draft questions were discussed in a teleconference with your staff on March 16, 2011. It was agreed that a response to this RAI would be submitted by April 18, 2011.

Please contact me at 301-415-2833, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Peter Bamford".

Peter Bamford, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosure:  
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

THREE MILE ISLAND NUCLEAR STATION, UNIT 1

RELIEF REQUEST CONCERNING CONTROL ROD DRIVE HOUSING EXAMINATIONS

ASSOCIATED WITH THE THIRD INSERVICE INSPECTION INTERVAL

RELIEF REQUEST RR-10-01

DOCKET NO. 50-289

By letter dated October 13, 2010 (Agencywide Documents Access and Management System Accession No. ML102870077), Exelon Generation Company, LLC submitted relief request RR-10-01 for Three Mile Island Nuclear Station, Unit 1 (TMI-1). TMI-1 is proposing to conduct alternative examinations of welds on three non-peripheral control rod drive (CRD) housings in lieu of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code required examinations of certain peripheral CRD housings. The U.S. Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review.

1. Regarding page 2 of the relief request, paragraph 2, provide the specific type(s) of examination(s), i.e., visual (VT-2), dye penetrant (PT), magnetic particle (MT), ultrasonic (UT), etc., referred to in the statement "...six (6) CRDs not in the periphery were examined..."
2. Regarding page 2 of the relief request, paragraph 2, provide the specific type(s) of examination(s), i.e., VT-2, PT, MT, UT etc., referred to in the statement, "A review of ISI [inservice inspection] data for examinations of welds "A", "B", and "C" completed since 1986 identified no degradation."
3. Regarding page 2 of the relief request, paragraph 2, the second sentence states, "There were no examination limitations reported for these welds." Please clarify this statement. Does it refer to the accessibility of the welds for examination or that there were no defects in the welds?

Enclosure

March 16, 2011

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

**SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT 1 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING RELIEF REQUEST RR-10-01,  
CONTROL ROD DRIVE HOUSING EXAMINATIONS ASSOCIATED WITH THE  
THIRD INSERVICE INSPECTION INTERVAL (TAC NO. ME4882)**

Dear Mr. Pacilio:

By letter dated October 13, 2010 (Agencywide Documents Access and Management System Accession No. ML102870077), Exelon Generation Company, LLC (Exelon, the licensee) submitted a relief request proposing to conduct alternative examinations of welds on three non-peripheral control rod drive (CRD) housings in lieu of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code required examinations of certain peripheral CRD housings.

The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The questions were sent via electronic transmission on March 11, 2011, to Mr. Thomas Loomis, of your staff. The draft questions were sent to ensure that the questions were understandable, the regulatory basis for the questions was clear, and to determine if the information was previously docketed. The draft questions were discussed in a teleconference with your staff on March 16, 2011. It was agreed that a response to this RAI would be submitted by April 18, 2011.

Please contact me at 301-415-2833, if you have any questions.

Sincerely,  
*/RA/*  
Peter Bamford, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-289

Enclosure:

As stated

cc w/encl: Distribution via Listserv

**DISTRIBUTION:**

RidsNrrPMThreeMileIsland Resource  
RidsAcrsAcnw\_MailCTR Resource  
RidsRgn1MailCenter Resource  
EAndruszkiewicz, NRR

PUBLIC  
RidsNrrLAABaxter Resource  
RidsNrrDoriDpr Resource  
RidsNrrDciCvib Resource

LPLI-2 R/F  
RidsOgcRp Resource  
RidsNrrDoriLp1-2 Resouce

ADAMS Accession Number: ML110730586 \* via email

OFFICE	LPL1-2/PM	LPL1-2/LA	DCI/CVIB/BC	LPLI-2/BC
NAME	PBamford	ABaxter (SLittle for)	MMitchell*	HChernoff
DATE	3/16/11	3/16/11	03/09/2011	3/16/11

OFFICIAL RECORD COPY