



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

February 25, 2013

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 END-OF-INTERVAL RELIEF
REQUEST RR-12-01, PRESSURIZER NOZZLE-TO-HEAD WELD EXAMS (TAC
NO. ME9788)

Dear Mr. Pacilio:

By letter dated October 5, 2012 (Agencywide Documents Access and Management System Accession No. ML12283A252), Exelon Generation Company, LLC (Exelon, the licensee) submitted a relief request for U.S. Nuclear Regulatory Commission (NRC) approval. In the relief request, Exelon identifies the limited examination of three pressurizer relief nozzle welds at Three Mile Island Nuclear Station for the third inservice inspection interval, which ended on April 19, 2012. According to the licensee, the coverage for each of the welds in question was approximately 40 percent, as compared to a specification of 90 percent, in accordance with American Society of Mechanical Engineers Code Case N-460, "Alternative Examination Requirements for Class 1 and Class 2 Welds, Section XI, Division 1."

The NRC staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific question is found in the enclosed request for additional information (RAI). The question was sent via electronic transmission on February 19, 2013, to Mr. Thomas Loomis, of your staff. The draft question was sent to ensure that it was understandable, the regulatory basis was clear, and to determine if the information was previously docketed. The RAI was discussed with Mr. Loomis on February 20, 2013, where it was agreed that no clarification teleconference was necessary, and that a response would be submitted by March 29, 2013.

M. Pacilio

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

Sincerely,

A handwritten signature in black ink that reads "Peter Bamford". The signature is fluid and cursive, with the first name "Peter" and last name "Bamford" clearly distinguishable.

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: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

THREE MILE ISLAND NUCLEAR STATION, UNIT 1

END-OF-INTERVAL RELIEF REQUEST RR-12-01

PRESSURIZER NOZZLE-TO-HEAD WELD EXAMS

DOCKET NO. 50-289

By letter dated October 5, 2012 (Agencywide Documents Access and Management System Accession No. ML12283A252), Exelon Generation Company, LLC (Exelon, the licensee) submitted a relief request for U.S. Nuclear Regulatory Commission (NRC) approval. In the relief request, Exelon identifies the limited examination of three pressurizer relief nozzle welds at Three Mile Island Nuclear Station for the third inservice inspection interval, which ended on April 19, 2012. According to the licensee, the coverage for each of the welds in question was approximately 40 percent, as compared to a specification of 90 percent, in accordance with American Society of Mechanical Engineers Code Case N-460, "Alternative Examination Requirements for Class 1 and Class 2 Welds, Section XI, Division 1." The U.S. Nuclear Regulatory Commission (NRC) staff has been reviewing the submittal and has determined that additional information is needed to complete its review.

- 1.) The submittal does not include any statement regarding past inspection results, including preservice. The NRC staff is concerned that there could be a weld repair done during fabrication. If the repair used a Nickel-based alloy filler metal, the joint could be susceptible to primary water stress corrosion cracking. Therefore, describe the results of all past inspections, including preservice, as well as any repairs that have been done to the subject pressurizer relief nozzle-to-vessel welds.

Enclosure

M. Pacilio

- 2 -

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

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|--------|-----------|-----------|-------------|-----------|
| NAME | PBamford | ABaxter* | SRosenberg* | MKhanna |
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