



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

February 7, 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 TO USE A PROVISION OF A LATER ADDENDA OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS CODE FOR OPERATION AND MAINTENANCE OF NUCLEAR POWER PLANTS (TAC NO. ME9510)

Dear Mr. Pacilio:

By letter dated September 10, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12254A177), Exelon Generation Company, LLC (Exelon, the licensee) submitted a request to use a provision of a later edition and addenda of the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code). Specifically, the licensee proposed to use a specific portion of a later edition of the ASME OM Code that allows pump inservice testing reference values to be up to 90 percent of the test instrument range, for digital instruments.

The Nuclear Regulatory Commission 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 January 29, 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 draft question was discussed in a teleconference with your staff on February 6, 2013. It was agreed that a response to this RAI would be submitted by March 8, 2013.

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

Sincerely,

A handwritten signature in cursive script 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: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
THREE MILE ISLAND NUCLEAR STATION, UNIT 1
REQUEST TO USE LATER ADDENDA OF
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
CODE FOR OPERATION AND MAINTENANCE OF NUCLEAR POWER PLANTS
DOCKET NO. 50-289

By letter dated September 10, 2012 (Agencywide Documents Access and Management System Accession No. ML12254A177), Exelon Generation Company, LLC (Exelon, the licensee) submitted a request to use a provision of a later edition and addenda of the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code). Specifically, the licensee proposed to use a specific portion of a later edition of the ASME OM Code that allows pump inservice testing (IST) reference values to be up to 90 percent of the test instrument range, for digital instruments. This allowance was requested for all of the pumps in the IST program, but is specifically needed for the Boric Acid Injection Pumps. 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.) Paragraph 50.55a(f)(4)(iv) of Title 10 of the *Code of Federal Regulations* (10 CFR) allows the use of later ASME Code editions or addenda. As noted in NRC Regulatory Issue Summary 2004-12, "Clarification on Use of Later Editions and Addenda to the ASME Code and Section XI," use of a specific portion of a later ASME Code edition and addenda is allowed, provided that all requirements of respective editions or addenda are met. Since only a specific portion of a later ASME Code edition and addenda are to be used, the licensee is requested to address whether all related requirements of the respective editions and addenda will be met for the pumps that are the subject of this request.

Additionally, to avoid confusion with any potential future request, or revision to this request, the NRC requests that the licensee assign a specific number and title to the request.

Enclosure

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Warrenville, IL 60555

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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

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ADAMS Accession Number: ML13029A754

*** via email**

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