



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

October 8, 2014

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 – ACCEPTANCE LETTER
REGARDING RELIEF REQUEST RR-14-01 CONCERNING ALTERNATIVE
ROOT MEAN SQUARE DEPTH SIZING REQUIREMENTS (TAC NO. MF4873)

Dear Mr. Pacilio:

By letter dated September 19, 2014 (Agencywide Documents Access and Management System Accession No. ML14262A002), Exelon Generation Company, LLC submitted a relief request (RR) associated with the fourth Inservice Inspection (ISI) interval for Three Mile Island Nuclear Station, Unit 1 (TMI). TMI is proposing alternative Root Mean Square depth sizing requirements in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.55a(g)(5)(iii). The fourth interval of the TMI ISI program complies with the 2004 Edition, no Addenda, of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this RR. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Pursuant to Sections 10 CFR 50.55a(a)(3)(i) and 50.55a(a)(3)(ii), the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or safety.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the staff to proceed with its detailed technical review and make an independent assessment regarding the acceptability of the proposed RR in terms of regulatory requirements and the protection of public health and safety and the environment. If additional information is needed for the NRC staff to complete its technical review, you will be advised by separate correspondence.

M. Pacilio

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If you have any questions, please contact me at (301) 415-3100 or by email at John.Lamb@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John G. Lamb". The signature is fluid and cursive, with the first name "John" being the most prominent.

John G. Lamb, Senior Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-289

cc: Distribution via Listserv

