



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

July 27, 2017

Mr. Bryan C. Hanson
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear Officer (CNO)
Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: LASALLE COUNTY STATION, UNITS 1 AND 2 - RESULTS OF ACCEPTANCE
REVIEW OF PROPOSED FOURTH 10-YEAR INSERVICE INSPECTION
INTERVAL PROGRAM FOR RELIEF REQUEST NO. I4R-01 (CAC NOS.
MF9758 AND MF9759)**

Dear Mr. Hanson:

By letter dated May 30, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17150A449), Exelon Generation Company, LLC (EGC or licensee) submitted a relief request (RR) for the fourth 10-year inservice inspection (ISI) interval program for LaSalle County Station (LSCS), Units 1 and 2. The ISI for LSCS is currently scheduled to begin on October 1, 2017, and end on September 30, 2027, and will comply with the American Society of Mechanical Engineers Boiler and Pressure Vessel (ASME Code), Section XI, 2007 Edition with the 2008 Addenda. EGC proposes the following:

- RR I4R-01 requests approval of alternative risk-informed ISI program and examination criteria for Examination Category 8-F, 8-J, C-F-1, and C-F-2 pressure retaining piping welds in accordance with ASME Code Case N-578-1, "Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B, Section XI, Division 1." By letter dated July 20, 2017 (ADAMS Accession No. ML17201Q396), the licensee submitted the supplemental information requested by the NRC [U.S. Nuclear Regulatory Commission] staff in their letter dated July 10, 2017 (ADAMS Accession No. ML17181A197).

The results of the NRC staff's acceptance review of all other requests, except RR I4R-03, have been addressed in the NRC letter dated June 22, (ADAMS Accession No. ML17171A228). By letter dated July 17, 2017 (ADAMS Accession No. ML17200C937), RR I4R-03 has been withdrawn by the licensee.

The purpose of this letter is to provide the results of the NRC staff's acceptance review of RR I4R-01.

The acceptance review of RR I4R-01 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 Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.55a(z)(2), 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 10 CFR, 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 for RR I4R-01, as supplemented, and concluded that it does provide technical information in sufficient detail to enable the staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review, as compared to the detailed technical review, there may be instances in which issues that impact the staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

Based on the information provided in your submittal, the table below provides the NRC staff estimates for man-hours and completion dates:

| CAC Nos. | Request No. | Estimated Man-Hours | Estimated Completion Date |
|----------------|-------------|---------------------|---------------------------|
| MF9758, MF9759 | I4R-01 | 420 | January 31, 2018 |

If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and could change due to several factors including requests for additional information, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any questions, please contact me at (301) 415-3308.

Sincerely,



Bhalchandra Vaidya, Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-373 and 50-374

cc: Distribution via ListServ

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REVIEW OF PROPOSED FOURTH 10-YEAR INTERVAL INSERVICE
INSPECTION PROGRAM RELIEF REQUEST NO. I4R-01 (CAC NOS. MF9758,
AND MF9759) DATED JULY 27, 2017

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ADAMS Accession: ML17208A032**(*) No change from the emails**

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| NAME | SRosenberg | DWrona | BVaidya |
| DATE | 7/26/17 | 7/27/17 | 7/27/17 |

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