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

November 15, 2016

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: QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2 – ACCEPTANCE CONCERNING PROPOSED CHANGES TO SECTION 5.0 ADMINISTRATIVE CONTROLS (CAC NOS. MF8509 AND MF8510) (PID L-LA-2016-0004) (RS-16-201)

Dear Mr. Hanson:

By letter dated October 20, 2016 (Agencywide Documents Access and Management System (ADAMS) No. ML16294A203), Exelon Generation Company, LLC (Exelon, or the licensee) submitted a license amendment for Quad Cities Nuclear Power Station, Units 1 and 2. The proposed amendment supports changes to the organization, staffing, and training requirements contained in Sections 1.0 and 5.0 of the technical specifications after the license no longer authorizes operation of the reactor or placement or retention of fuel in the reactor pressure vessel. This proposed amendment also supports implementation of the Certified Fuel Handler training program. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this request. 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.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC 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 NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. If additional information is needed, you will be advised by separate correspondence.

Based on the information provided in your submittal and discussions during the pre-licensing meeting on July 12, 2016, the NRC staff has estimated that this licensing request will take approximately 250-300 hours to complete. The NRC staff expects to complete this review by your requested date of October 20, 2017. 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 they 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) 415-2315.

Sincerely,

/RA/

Eva A. Brown, Senior Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-254 and 50-265

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Eva A. Brown, Senior Project Manager
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ADAMS Accession No. ML16320A020 **NRR-106**

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