



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

November 19, 2019

Mr. Michael Gallagher
Vice President, License Renewal
and Decommissioning
Exelon Nuclear
200 Exelon Way
Kennett Square, PA 19348

**SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE SUBSEQUENT LICENSE
RENEWAL OF PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3
(EPID NO. L-2018-RNW-0012)**

Dear Mr. Gallagher:

By letter dated July 10, 2018 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML18193A689), Exelon Generation Company, LLC, (Exelon) submitted to the U.S. Nuclear Regulatory Commission (NRC or staff) an application to renew the Renewed Facility Operating License Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station, Units 2 and 3 (Peach Bottom).

The NRC staff determined that the application was complete and acceptable for docketing on August 27, 2018 (ADAMS Accession No. ML18191B280).

The NRC staff has reviewed the Peach Bottom Subsequent License Renewal Application (SLRA) and has developed the enclosed "Safety Evaluation Report Related to the Subsequent License Renewal of Peach Bottom Atomic Power Station, Units 2 and 3," hereinafter referred to as the Safety Evaluation Report (SER). This SER reflects closure of the one confirmatory item that was included in the SER that was issued on October 7, 2019 (ADAMS Accession No. ML19280D820). Closure of this confirmatory item was presented to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee on Plant License Renewal on November 5, 2019. This SER also reflects the status of the NRC staff's safety review of the SLRA, as supplemented, through October 9, 2019, which also includes a few editorial corrections. Issuance of the enclosed SER is an important milestone for both the applicant and the NRC staff.

The next milestone for this project is the ACRS Full Committee meeting, which is scheduled for December 4, 2019.

M. Gallagher

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If you have any questions regarding this matter, please contact the license renewal project manager, Ms. Bennett Brady, at 301-415-2981 or by e-mail at Bennett.Brady@nrc.gov.

Sincerely,

/RA Meena Khanna for/

Anna H. Bradford, Director
Division of New and Renewed Licensees
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure:
As stated

cc w/encl: Listserv

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE SUBSEQUENT LICENSE RENEWAL OF PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 (EPID NO. L-2018-RNW-0012) DATED: NOVEMBER 19, 2019.

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RidsNrrDnrl Resource

RidsNrrPMPeach Bottom

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ADAMS Accession Nos:

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***via email**

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