



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

August 27, 2018

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

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3
DETERMINATION OF ACCEPTABILITY AND SUFFICIENCY FOR
DOCKETING, PROPOSED REVIEW SCHEDULE, AND OPPORTUNITY FOR A
HEARING REGARDING THE EXELON GENERATION COMPANY, LLC,
APPLICATION FOR SUBSEQUENT LICENSE RENEWAL
(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 an application for the subsequent license renewal of Renewed Facility Operating License Nos. DPR-44 and DPR-56 for the Peach Bottom Atomic Power Station, Units 2 and 3 (Peach Bottom) to the U.S. Nuclear Regulatory Commission (NRC). Notice of receipt of this application was published in the *Federal Register* on August 1, 2018, (83 FR 37529). The acceptance review is intended to identify whether the application is reasonably complete and conforms to the timing and information requirements in applicable regulations.

The NRC staff reviewed your application following the guidance in NUREG-2192, Revision 0, "Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants," and NUREG-1555, Supplement 1, Revision 1, "Standard Review Plans for Environmental Reviews for Nuclear Power Plants," to determine if the application is sufficient and acceptable for docketing in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Sections 2.101, 51.45, 51.53(c), 54.19, 54.21, 54.22, and 54.23.

The NRC staff conducted two pre-submittal meetings, one for the environmental review and one for the safety review. Based on the results of the staff's sufficiency review, the NRC staff has concluded that the application will be accepted for a detailed technical review. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, the staff's determination does not preclude requests for additional information or topic specific audits. In addition, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

This letter also forwards the staff's projected review schedule for the Peach Bottom subsequent license renewal application (Enclosure 1). The NRC staff will follow established review procedures and the enclosed schedule to complete the reviews required by 10 CFR Parts 51 and 54. Based on the information provided in your submittal and discussions during the pre-submittal meetings, the NRC staff estimates that review of this subsequent license renewal application will take approximately 21,000 hours to complete. 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 via separate correspondence. Milestones for hearing activities that may be needed are not included in the enclosed schedule or the estimated hours because these dates, if needed, would be established by the Commission or the Atomic Safety and Licensing Board, and new resource considerations would need to be developed.

The staff has developed a plan to meet the scheduled milestones. The plan relies on your responses to the staff's requests for additional information, if needed, being of high quality and provided in a timely manner. A timely response is defined as 30 days from the date of the request, or within such other time as may be specified in the request in accordance with 10 CFR 2.108. You should also be prepared to provide high quality support in a timely and organized manner, during the staff's technical audits. Delays in staff's receipt of necessary information could result in changes to the plan for evaluating and processing your application, up to and including the denial of your application in accordance with the regulations or a significant delay in the schedule based on the overall workload for the staff involved in the review. We request that you inform the NRC staff in writing as early as possible should potential delays arise in your support of the schedule.

The staff notes that the application covers the subsequent license renewal period for which some of the referenced topical reports or technical basis documents or revisions thereto have not been previously reviewed and approved. Consequently, the staff may require the expenditure of additional effort, including potential additional audits, to complete these reviews on a plant-specific basis. The staff's goal is to complete the review in 18 months, however, based on the above there is some uncertainty.

Finally, we have also enclosed a copy of the draft notice related to your application that is being sent to the Office of the Federal Register for publication (Enclosure 2). This notice announces the opportunity to request a hearing and to file a petition for leave to intervene.

If you have any questions on this matter, please contact Dr. Bennett Brady, Senior Project Manager, for the safety review of the Peach Bottom subsequent license renewal application, by telephone at 301-415-2981 or via e-mail at Bennett.Brady@nrc.gov, or Mr. David Drucker, Senior Project Manager, for the environmental review by telephone at 301-415-6223 or via e-mail at David.Drucker@nrc.gov.

Sincerely,

/RA/

George A. Wilson Jr., Director
Division of Materials and License Renewal
Office of Nuclear Reactor Regulation

Docket Nos: 50-277 and 50-278

Enclosures:

1. Review Schedule
2. Copy of *Federal Register* Notice

cc w/encls: Listserv

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 (EPID NO. L-2018-RNW-0012) AUGUST 27, 2018

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ADAMS Accession Nos.:**ML18191B280 (Package)****ML18191B085 (Letter)****ML18179A457 (FRN)*****Concurrence via E-mail**

OFFICE	PM:MRPB:DMLR	LA:MRPB:DMLR	BC:MENB:DMLR	PM:LPL-2-:DORL
NAME	BBrady	YEdmonds	DDrucker	JTobin
DATE	7/31/2018	8/2/2018	8/1/2018	8/1/2018
OFFICE	OGC (NLO)	BC:MRPB:DMLR	D:DMLR	
NAME	MYoung	EOesterle	GWilson	
DATE	8/14/2018	8/24/2018	8/27/2018	

OFFICIAL RECORD COPY

**PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3
SUBSEQUENT LICENSE RENEWAL APPLICATION REVIEW SCHEDULE**

Milestone	Scheduled	Actual
Receive subsequent license renewal application (SLRA)	07/10/2018	07/10/2018
Publish <i>Federal Register</i> Notice (FRN) – LRA availability	08/2018	08/01/2018
Publish FRN – docketing acceptance/rejection and opportunity for	09/2018	
Publish FRN – Notice of Intent to Prepare an Environmental Impact Statement and Conduct Process Scoping	09/2018	
Public Meeting – Overview of Subsequent License Renewal Process and Environmental Scoping Process	09/25/2018	
Environmental scoping process period ends	10/2018	
Deadline for filing hearing requests and petitions for intervention	11/2018	
Issue draft supplemental environmental impact statement (DSEIS)	07/2019	
Issue safety evaluation report (SER)	09/2019	
Public Meeting – draft SEIS meeting, if needed	09/2019	
End of DSEIS comment period	09/2019	
Advisory Committee on Reactor Safeguards (ACRS) Subcommittee meeting	10/2019	
ACRS Full Committee meeting	12/2019	
Issue final SEIS	01/2020	
U.S. Environmental Protection Agency FRN Published – availability of final SEIS	02/2020	
Decision – Director, NRR	03/2020	

Enclosure 2

**Copy of the Draft *Federal Register* Notice of
Peach Bottom Atomic Power Station Nos. 2 and
3- Determination of Acceptability and Sufficiency
for Docketing, Proposed Review Schedule, and
Opportunity for a hearing Regarding the Exelon
Generation Company, LLC,'s Application for
Subsequent License Renewal**

ADAMS Accession No. ML18179A457