



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

April 24, 2025

David P. Rhoades  
Senior Vice President  
Constellation Energy Generation, LLC  
President and Chief Nuclear Officer  
Constellation Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

**SUBJECT: REVISED SCHEDULE AND ESTIMATE FOR THE PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3, SUBSEQUENT LICENSE RENEWAL APPLICATION (DOCKET NUMBERS: 50-0277 AND 50-0278)**

Dear David P. Rhoades:

By letter dated February 28, 2025 (Agencywide Documents Access and Management System (ADAMS) ML25035A001), the U.S. Nuclear Regulatory Commission (NRC, staff) provided the projected review schedule to complete the supplemental environmental review of the Peach Bottom Atomic Power Station, Units 2 and 3 (Peach Bottom) subsequent license renewal application (SLRA), estimating that this would require approximately 2,650 hours.

The purpose of this letter is to provide a revised schedule and estimate to complete the supplemental environmental review and for restoring the end dates for the subsequent renewed licenses for Peach Bottom. The revised review schedule is available in Enclosure.

The revised estimate to complete the supplemental environmental review has been reduced to 1,450 hours, as a result of the following factors:

- Implementation of environmental process initiatives from SECY-24-0026, "Achieving Timely Completion of License Renewal Safety and Environmental Reviews (License Renewal Roadmap)" (ML24059A131)
- The 2024 License Renewal Generic Environmental Impact Statement (LR GEIS) (ML24086A526) and
- Reduced scope of the supplemental environmental review, which involves a "delta review" of all new information since the January 2020 final supplemental environmental impact statement (ML20023A937), new environmental impacts at Peach Bottom, and information for new and modified issues in the 2024 LR GEIS.

In addition to completion of the supplemental environmental review, approximately 100 hours of effort is required to issue the subsequent renewed licenses for Peach Bottom. This estimate is in addition to the hours previously expended to issue the subsequent renewed licenses.

Taking into consideration the estimate of 1,450 hours to conduct a supplemental environmental review and 100 hours to restore the end dates for the subsequent renewed licenses, the NRC estimates that the total number of hours for the Peach Bottom subsequent license review (SLR) is approximately 22,908 hours as indicated in the table below.

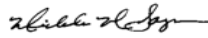
Peach Bottom SLR Application Review Hours	
Review Activity	Hours
Peach Bottom SLR Safety Review	15,741 (actual)
Original Peach Bottom SLR Environmental Review	5,617 (actual)
Peach Bottom SLR Supplemental Environmental Review	1,450 (current estimate)
Issuance of licenses with restored expiration dates	100 (current estimate)
<b>Total Hours</b>	<b>22,908</b>

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 applicable, would be established by the Commission or the Atomic Safety and Licensing Board and new resource considerations would need to be developed.

The revised review estimate to complete the supplemental environmental review and for restoring the end dates for the subsequent renewed licenses for Peach Bottom was communicated to Constellation Energy Generation's staff on April 16, 2025.

If you have any questions on this matter, please contact Angela Wu, Senior Project Manager, for the safety review of the Peach Bottom SLRA at [Angela.Wu@nrc.gov](mailto:Angela.Wu@nrc.gov), or Stephen Koenick, Branch Chief, for the environmental review at [Stephen.Koenick@nrc.gov](mailto:Stephen.Koenick@nrc.gov).

Sincerely,



Signed by Sampson, Michele  
on 04/24/25

Michele Sampson, Director  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

Docket Nos. 50-0277 and 50-0278

Enclosure:  
As stated

cc w/encls: Listserv

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POWER STATION, UNITS 2 AND 3, SUBSEQUENT LICENSE RENEWAL  
APPLICATION (DOCKET NUMBERS: 50-0277 AND 50-0278)  
DATED: APRIL 24, 2025

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**ADAMS Accession No.: ML25108A128****\*via e-concurrence****NRR-106**

OFFICE	NRR/DNRL/PM	NRR/DNRL/LA	NMSS/REFS/BC
NAME	AWu	KBratcher	SKoenick
DATE	4/18/2025	4/21/2025	4/22/2025
OFFICE	NRR/DNRL/BC (A)	NRR/DNRL/D	
NAME	MYoo	MSampson	
DATE	4/21/2025	4/24/25	

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

<b>Milestone</b>	<b>Scheduled</b>	<b>Actual</b>
Publish <i>Federal Register</i> Notice (FRN) – Notice of intent to Prepare Supplement to Final Supplemental Environmental Impact Statement (SEIS)	1/2025	1/07/2025
Publish FRN – Notice of Availability of Draft Supplement to Final SEIS	6/2025	
Public Meeting – Draft Supplement to Final SEIS	7/2025	
End of Draft Supplement Comment Period	8/2025	
Publish Final SEIS Supplement	12/2025	
U.S. Environmental Protection Agency (EPA) FRN Published – Availability of Final Supplement to FSEIS	1/2026	
Decision – Director, Office of Nuclear Reactor Regulation	2/2026	

Enclosure