



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

April 11, 2024

Christopher D. Wilson
Director, License Renewal
Constellation Energy Generation, LLC
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: CLINTON POWER STATION, UNIT 1 – DETERMINATION OF ACCEPTABILITY AND SUFFICIENCY FOR DOCKETING, PROPOSED REVIEW SCHEDULE, AND OPPORTUNITY FOR A HEARING REGARDING THE CONSTELLATION ENERGY GENERATION, LLC APPLICATION FOR LICENSE RENEWAL

Dear Christopher Wilson:

By letter dated February 14, 2024, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML24045A024), Constellation Energy Generation, LLC submitted to the U.S. Nuclear Regulatory Commission (NRC) an application for license renewal of Facility Operating License No. NPF-62 for Clinton Power Station (CPS), Unit 1.

By letter dated February 29, 2024, (ML24045A142), and *Federal Register* Notice (FRN) (ML24045A143, 89 FR 16591) dated March 7, 2024, the NRC noted the receipt and availability of this application.

The NRC staff reviewed your application following the guidance in NUREG-1800, Revision 2, "Standard Review Plan for Review of 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, "Filing of application," 51.45, "Environmental report," 51.53(c), "Postconstruction environmental reports," "Operating license renewal stage," 54.19, "Contents of application—general information," 54.21, "Contents of application—technical information," 54.22, "Contents of application—technical specifications," and 54.23, "Contents of application—environmental information." 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 conducted one pre-submittal meeting, as documented in the letter dated July 27, 2023 (ML23198A015).

Based on the results of the NRC staff's sufficiency review, the NRC staff has concluded that the application is acceptable for docketing. Given the lesser scope and depth of the acceptance review as compared to a detailed technical review, the staff's determination does not preclude the issuance of requests for additional information or topic specific audits. Additionally, the NRC staff's determination to accept the application for docketing does not constitute a determination that a renewed operating license should be issued. During the NRC staff's 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. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

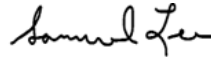
This letter also forwards the NRC staff's projected review schedule for the CPS license renewal application (Enclosure 1). The NRC staff will follow established review procedures and the enclosed schedule to complete the reviews required by 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," and 10 CFR Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." Based on the information provided in your submittal and discussions during the pre-application meeting, the NRC staff has estimated that review of this license renewal application will take approximately 17,000 hours to complete. These hours include both staff and contractor hours. 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 and estimated hours for hearing activities that may be needed are not included in the enclosed schedule and estimate 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 NRC staff's review schedule also relies on your responses to the NRC 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, "Denial of application for failure to supply information." You should also be prepared to provide high quality support in a timely and organized manner during technical audits determined necessary by the NRC staff. Delays in NRC 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 NRC 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 NRC staff's goal is to complete the review in 20 months provided that CPS addresses the staff's information needs in a sufficient and timely manner.

Finally, we have also enclosed a copy of the 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 Chris Tyree, Project Manager, for the NRC staff's safety review of the CPS license renewal application at Christopher.Tyree@nrc.gov or Ashley Waldron, Project Manager, for the NRC staff's environmental review of the CPS license renewal application at Ashley.Waldron@nrc.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Samuel Lee".

Lee, Samuel signing on behalf
of Smith, Brian
on 04/11/24

Brian W. Smith, Director
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosures:

1. Review Schedule
2. Copy of FRN

cc w/encls: Listserv

SUBJECT: CLINTON POWER STATION, UNIT 1– DETERMINATION OF ACCEPTABILITY
AND SUFFICIENCY FOR DOCKETING, PROPOSED REVIEW SCHEDULE,
AND OPPORTUNITY FOR A HEARING REGARDING THE CONSTELLATION
ENERGY GENERATION, LLC APPLICATION FOR LICENSE RENEWAL
DATED: APRIL 11, 2024

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RRuiz, RIII/DORS

MDomke, RIII/DORS

ABarker, RIII/FCO

HLogaras, RIII/FCO

EMAIL:

CWilson, Constellation

LDwarakowski, Constellation

SKauffman, Constellation

KMeek, Constellation

IEllofletcher, Constellation

DAvery, Constellation

ADAMS Accession Nos.:**PKG: ML24089A221****LTR: ML24089A222****FRN: ML24089A223*****eConcurrence****NRR -106**

OFFICE	NRR/DNRL/PM	NRR/DNRL/LA	NMSS/REFS/PM	NMSS/REFS/BC
NAME	CTyree*	KBratcher*	AWaldron*	SKoenick*
DATE	3/29/2024	4/3/2024	4/10/2024	4/10/2024
OFFICE	OGC (NLO)	NRR/DNRL/BC	NRR/DNRL/D	
NAME	MWoods*	LGibson*	BSmith* (SLee for)	
DATE	4/11/2024	4/11/2024	4/11/24	

OFFICIAL RECORD COPY

**CLINTON POWER STATION, UNIT 1
LICENSE RENEWAL APPLICATION REVIEW SCHEDULE**

Milestone	Scheduled	Actual
Receive License Renewal Application (LRA)	02/14/2024	02/14/2024
Publish <i>Federal Register</i> Notice (FRN) – LRA Availability	03/07/2024	03/07/2024
Publish FRN – Docketing Acceptance/Rejection and Opportunity for Hearing	04/2024	
Publish FRN – Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping	04/2024	
Public Meeting – Overview of License Renewal Process and Environmental Scoping	05/2024	
Environmental Scoping Period Ends	05/2024	
Deadline for Filing Hearing Requests and Petitions for Intervention	06/2024	
Issue Draft Supplemental Environmental Impact Statement (SEIS)	04/2025	
Public Meeting – Draft SEIS Meeting	05/2025	
End of Draft SEIS Comment Period	05/2025	
Issue Safety Evaluation Report (SER)	08/2025	
Issue Final SEIS	10/2025	
U.S. Environmental Protection Agency FRN Published – Availability of Final SEIS	10/2025	
ACRS Full Committee Meeting	10/2025	
Decision – Director, NRR	12/2025	

**Copy of the Draft *Federal Register* Notice of
Clinton Power Station, Unit 1 – Determination of
Acceptability and Sufficiency for Docketing, Proposed
Review Schedule, and Opportunity for a Hearing
Regarding the Constellation Energy Generation, LLC.
Application for License Renewal**

ADAMS Accession No. ML24089A223