



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

April 11, 2025

Jeff Kruchten, Principal Archaeologist
Illinois Department of Natural Resources
State Historic Preservation Office
One Natural Resources Way
Springfield, IL 62702

SUBJECT: NOTICE OF AVAILABILITY FOR PUBLIC COMMENT OF THE DRAFT
SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE
CLINTON POWER STATION, UNIT 1 LICENSE RENEWAL APPLICATION
(DOCKET NUMBER: 50-461)

Dear Jeff Kruchten:

The U.S. Nuclear Regulatory Commission (NRC) staff is conducting a review of the environmental effects of the proposed renewal of the operating license for Clinton Power Station, Unit 1 (CPS) for an additional 20 years. CPS is operated by Constellation Energy Generation, LLC (CEG), and is located in Clinton, Illinois. CEG submitted an application for the license renewal in a letter dated February 14, 2024, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The application is available through the NRC's Agencywide Documents Access and Management System (ADAMS), which is accessible online at <https://www.nrc.gov/reading-rm/adams.html> under Package Accession No. [ML24045A023](#). The purpose of this letter is to invite you to review and comment on the staff's draft plant-specific supplemental environmental impact statement (SEIS).

For reference, the Atomic Energy Act of 1954, as amended, authorizes the NRC to issue 40-year initial licenses, and upon application and approval, renew licenses for nuclear power reactors. The NRC's regulations limit these renewals to 20-year increments. Approval of a renewed license is based on the outcome of a safety and environmental review. The NRC issued a construction permit for CPS on February 24, 1976, and the NRC issued the operating license on April 17, 1987. The requested renewal would extend the operating license expiration dates for CPS from April 17, 2027, to April 17, 2047.

As part of its review, the NRC has prepared a draft SEIS to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants (LR GEIS)," NUREG-1437, Supplement 63. As stated in our letter dated April 30, 2024 ([ML24103A103](#)), and in accordance with Title 36 of the *Code of Federal Regulations* (36 CFR) Section 800.8(c), the NRC is complying with Section 106 of the National Historic Preservation Act of 1966, as amended, through the National Environmental Policy Act of 1969, as amended, process.

The NRC has determined that the area of potential effects for this license renewal includes lands within the nuclear power plant site boundary, the transmission lines up to the first substation, and the immediate environs that may be directly or indirectly affected by land disturbing or other operational activities associated with continued plant operations and maintenance and/or refurbishment activities. This determination is made irrespective of land ownership or control.

The draft SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archaeological, and cultural resources from activities associated with license renewal. As discussed in the draft SEIS, the NRC staff's preliminary determination is that license renewal would have no adverse effect to historic properties. Further, the NRC's preliminary recommendation is that the environmental impacts of license renewal are not so great that preserving the option of license renewal for energy-planning decision-makers would be unreasonable. This recommendation is based on: (1) the analysis and findings in the LR GEIS; (2) consultation with Federal, State, Tribal and local agencies; (3) the environmental report submitted by CEG; (4) the NRC's independent environmental review; and (5) consideration of public comments received during the scoping process. The draft SEIS is available through ADAMS, which is accessible online at <https://www.nrc.gov/reading-rm/adams.html> under Accession No. [ML25072A105](#).

Pursuant to 36 CFR 800.8(c), the NRC invites your office to submit comments on the draft SEIS and on the NRC staff's preliminary determination and recommendation. Electronic comments on the draft SEIS may be submitted to the NRC by accessing <https://www.regulations.gov> and searching for Docket ID NRC-2024-0046. Written comments should be submitted by mail to the NRC at:

ATTN: Program Management, Announcements and Editing Staff
Office of Administration
Mail Stop: TWFN-7A60M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

The NRC plans to hold a virtual public meeting (webinar) to discuss the draft SEIS on May 6, 2025, at 3PM Eastern Time. The meeting will include a presentation on the preliminary recommendation in the draft SEIS and a transcribed public comment session. The public meeting details can be found on the NRC's public meeting schedule webpage at <https://www.nrc.gov/pmns/mtg>. After consideration of public comments and comments received from consulting parties, the NRC plans to issue the final SEIS in October 2025.

If you have any questions concerning the NRC's license renewal environmental review, please contact:

Ashley Waldron, Environmental Project Manager, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-7317; by email at Ashley.Waldron@nrc.gov.

OR

Beau Goldstein, Staff Archaeologist, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-1765; by email at Beau.Goldstein@nrc.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Peyton Doub".

Doub, Joseph signing on behalf
of Rome, Michelle
on 04/11/25

Michelle S. Rome, Chief
Environmental Technical Review Branch 1
Division of Rulemaking, Environmental,
and Financial Support
Office of Nuclear Material Safety
and Safeguards

Docket No. 50-461

cc:
Listserv

SHPO.review@illinois.gov

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