

RS-23-085

August 3, 2023

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Clinton Power Station, Unit 1  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Subject: Supplemental Information Related to Request for Partial Site Release

- References:
1. Letter from P. R. Simpson (Constellation Energy, LLC) to U.S. NRC, "Request for Partial Site Release," dated June 7, 2023
  2. Letter from J. S. Wiebe (U.S. NRC) to D. P. Rhoades (Constellation Energy Generation, LLC), "Clinton Power Station, Unit No. 1 – Supplemental Information Needed for Acceptance of Requested Licensing Action Re: Request for Partial Site Release (EPID L-2023-LLA-0088)," dated July 19, 2023

In Reference 1, Constellation Energy Generation, LLC (CEG) requested NRC approval of a partial site release of the Clinton Power Station (CPS) site in accordance with 10 CFR 50.83, "Release of part of a power reactor facility or site for unrestricted use." The NRC requested additional information in Reference 2 that is needed to support the acceptance review of the request for partial site release. In response to this request, CEG is providing the attached information.

There are no regulatory commitments contained in this letter. Should you have any questions concerning this letter, please contact Mr. Kenneth M. Nicely at (630) 657-2803.

Respectfully,

Gullott, David  
M.

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David M.  
Date: 2023.08.03 08:31:24  
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David M. Gullott  
Director Licensing  
Constellation Energy Generation, LLC

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Attachment: Supplemental Information Related to Request for Partial Site Release

cc: NRC Regional Administrator, Region III  
NRC Senior Resident Inspector – Clinton Power Station  
Illinois Emergency Management Agency – Division of Nuclear Safety

**ATTACHMENT**  
**Supplemental Information Related to Request for Partial Site Release**

**NRC Request**

The NRC staff has reviewed your application and concluded that the information required by 10 CFR 50.83 (b)(5) was not included in your June 7, 2023, letter. In order to make the application complete, the NRC staff requests that CEG supplement the application to address the information required by 10 CFR 50.83 (b)(5) by August 4, 2023

**Response**

Under 10 CFR 50.83(b)(5), a request for NRC approval of a release of non-impacted areas must include the reasons for concluding that the environmental impacts associated with the proposed release of property will be bounded by appropriate previously issued environmental impact statements. The original Final Environmental Statement (FES) for Clinton Power Station (CPS) Unit 1 was issued in May 1982 (i.e., Reference 1). In addition, an Environmental Impact Statement associated with an early site permit for the construction and operation of a new nuclear power generating facility, adjacent to and within the confines of the current CPS Unit 1 site, was issued in July 2006 (i.e., Reference 2).

Constellation Energy Generation, LLC (CEG) has reviewed the environmental impacts associated with the proposed release of the subject property and considered those impacts in light of References 1 and 2. The review did not identify any significant new environmental impacts or significant changes from the environmental impacts previously assessed by the NRC. In particular, the review found that:

- The land transfer has no measurable increase in offsite dose consequences and no change in effluent releases.
- The CPS Radiological Environmental Monitoring Program accounts for the revised site area boundary, and no increases in effects are anticipated.

Accordingly, CEG concludes that the environmental impacts associated with the proposed release of the subject property are bounded by the NRC's previous reviews of the CPS facility.

**References**

1. NUREG-0854, "Final Environmental Statement Related to the Operation of Clinton Power Station, Unit No. 1," dated May 1982
2. NUREG-1815, "Environmental Impact Statement for an Early Site Permit (ESP) at the Exelon ESP Site," dated July 2006