



RS-24-012

10 CFR 50
10 CFR 51
10 CFR 54

February 14, 2024

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: Application for Renewed Operating License

- References:
1. Letter from P.R. Simpson (Exelon Generation Company, LLC) to U.S. NRC, "Request for Exemption from 10 CFR 2.109(b)," dated November 8, 2018 (ML18312A139)
 2. Letter from J.S. Wiebe (U.S. NRC) to B.C. Hanson (Exelon Generation Company, LLC), "Clinton Power Station, Unit 1, Exemption from the Requirements of 10 CFR 54.17(A) (EPID L-2018-LLE-0018)," dated July 11, 2019 (ML19092A258)

Pursuant to the *Code of Federal Regulations*, Title 10, Parts 50, 51, and 54, Constellation Energy Generation, LLC (CEG) hereby applies for the renewal of the Clinton Power Station (CPS), Unit 1, Facility Operating License, No. NPF-62. The existing CPS Facility Operating License, No. NPF-62, is currently set to expire at midnight on April 17, 2027.

CEG seeks to extend the operating term by 20 years beyond the current license expiration date.

The enclosed License Renewal Application (LRA) contains the information required by the License Renewal regulations set forth in 10 CFR Parts 54 and 51. In Reference 1, CEG (formerly Exelon Generation Company, LLC) requested exemption from 10 CFR 2.109(b), "Effect of timely renewal application," which provides timely renewal protection to licensees that submit sufficient license renewal applications at least five years before the expiration of the existing license. Specifically, CEG requested that it be permitted to submit the CPS License Renewal Application (LRA) no later than three years prior to the expiration of the station's operating license and still receive timely renewal protection under 10 CFR 2.109(b). In Reference 2, the NRC approved exemption from 10 CFR 54.17(a)'s requirement that an application for a renewed license be in accordance with Subpart A of 10 CFR Part 2, and more specifically, 10 CFR 2.109(b). The CPS LRA meets the timeliness allowance approved in Reference 2.

As required by 10 CFR 54.21(b), current licensing basis changes which have a material effect on the content of this application will be submitted at least annually while the application is under NRC review, and at least three months prior to the scheduled completion of the NRC review.

Appendix A, Section A.5, of the enclosed CPS LRA provides a list of commitments made in this application. This list will be updated as required throughout the LRA review process.

Should you have any questions regarding this submittal, please contact Ms. Lydia S. Dworakowski at (779) 231-5682 or by email at lydia.dworakowski@constellation.com.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 14th day of February 2024.

Respectfully,

Christopher D. Wilson
License Renewal Director
Constellation Energy Generation, LLC

Enclosures:

1. Clinton Power Station License Renewal Application, Sections 1 through 4 and Appendices A through D
2. Clinton Power Station License Renewal Application, Appendix E, Applicant's Environmental Report – Operating License Renewal Stage

cc: NRC Regional Administrator, Region III
NRC Senior Resident Inspector - Clinton Power Station
NRC Project Manager (Safety Review), NRR-DNRL
NRC Project Manager (Environmental Review), NRR-DNRL
NRC Project Manager, NRR-DORL - Clinton Power Station
Illinois Emergency Management Agency – Division of Nuclear Safety