



Constellation Energy Generation, LLC (CEG)
Braidwood Station
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April 29, 2026
BW260032

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

Braidwood Station, Unit 1
Renewed Facility Operating License No. NPF-72
NRC Docket No. STN 50-456

Subject: Completion of License Renewal Activities Prior to Entering the Period of Extended Operation

- References:
1. Issuance of Renewed Facility Operating License for Braidwood Station, Unit 1, dated January 27, 2016 (ADAMS Accession No. ML15336A033).
 2. NUREG-2190, Vol 1 and 2, "Safety Evaluation Report Related to the License Renewal of Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2," dated December 2015 (ADAMS Accession Nos. ML15350A038 and ML15350A041)
 3. Braidwood Station, Unit 1 – Issuance of Amendment No. 246 RE: Revision of Completion Date for License Renewal Commitment No. 30, dated February 26, 2026 (ADAMS Accession No. ML26040A283).

In accordance with Braidwood Station Unit 1 Renewal Facility Operating License Condition 2.C.(13)(b), issued per Reference 1, Constellation Energy Generation, LLC (CEG) confirms the establishment of Braidwood Station Unit 1 new programs and enhancements to existing programs of Reference 2 are complete. Certain license renewal programs and activities described in the Updated Final Safety Analysis Report have been revised as allowed by Braidwood Station Unit 1 License Condition 2.C.(13)(a).

Inspection and testing activities designated to be completed prior to the period of extended operation (PEO) have been performed with the exception of License Renewal Commitment 30 Enhancements 2 and 3. The completion date for the ASME Section XI IWL inspections was extended per Reference 3.

There are no regulatory commitments contained in this letter. If there are any questions or comments regarding this submittal, please contact Mr. Dane Brunswick, Regulatory Assurance Manager, at (779) 231-6246.

Respectfully,

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the bottom.

Adam Schuerman
Site Vice President Braidwood Station

cc: NRC Regional Administrator, Region III
NRC Senior Resident Inspector, Braidwood Station
NRR Project Manager, Braidwood/Byron