



Constellation Energy Generation, LLC (CEG)
Braidwood Station
35100 South Route 53, Suite 84
Braceville, IL 60407-9619
www.constellationenergy.com

October 12, 2022
BW220061

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: Core Operating Limits Report, Braidwood Unit 1 Cycle 24

The purpose of this letter is to transmit the Core Operating Limits Report (COLR) for Braidwood Unit 1 Cycle 24 in accordance with Technical Specification 5.6.5, "Core Operating Limits Report (COLR)." Braidwood Unit 1 Cycle 24 COLR, Revision 19 was implemented during Braidwood Unit 1 Refueling Outage 23 in support of Cycle 24 operation. Note that the revision number is based on a numbering convention that continues from the previous revision of the Unit 1 COLR, i.e., Braidwood Unit 1 Cycle 23, Revision 18.

If you have any questions regarding this matter, please contact Mr. Dane Brunswick, Regulatory Assurance Manager, at (815) 417-2800.

Sincerely,

Gugle,
Greg

Digitally signed
by Gugle, Greg
Date: 2022.10.06
12:52:43 -05'00'

Greg Gugle
Site Vice President
Braidwood Station

Attachment: Core Operating Limits Report (COLR) for Braidwood Unit 1 Cycle 24, Revision 19

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