



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

April 29, 2022
BW220026

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Braidwood Station, Units 1 and 2
Renewed Facility Operating License Nos. NPF-72 and NPF-77
NRC Docket Nos. 50-456 and 50-457
ISFSI Docket No. 72-73

Subject: 2021 Annual Radioactive Effluent Release Report

The attached document includes the 2021 Annual Radioactive Effluent Release Report for Braidwood Station. This report is being submitted in accordance with 10 CFR 50.36a, "Technical specifications on effluents from nuclear power reactors," and Technical Specification 5.6.3, "Radioactive Effluent Release Report," and includes a summary of radiological liquid and gaseous effluents and solid waste released from the site from January 2021 through December 2021.

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

Respectfully,

Gugle, Digitally signed
by Gugle, Greg
Date: 2022.04.28
11:11:27 -05'00'
Greg
Greg Gugle
Site Vice President
Braidwood Station

cc: US NRC Regional Administrator, Region III
US NRC Senior Resident Inspector - Braidwood Station
NRR Project Manager - Braidwood Station
Illinois Emergency Management Agency - Division of Nuclear Safety