



Exelon Generation Company, LLC
Braidwood Station
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10 CFR 50.73

August 18, 2021
BW210054

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: Licensee Event Report 2021-002-00 – Unit Trip on Generator Load Rejection Due to Lightning Strike Within the Unit Switchyard Exceeding the Capabilities of the Switchyard Grounding System

The enclosed Licensee Event Report (LER) is being submitted in accordance with 10 CFR 50.73, "Licensee Event Report System."

There are no regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact Mr. Kevin Lueshen, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,

Keenan,
John P.

Digitally signed by Keenan, John P.
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John Keenan
Site Vice President
Braidwood Station

Enclosure: LER 2021-002-00

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