



Exelon Generation®

Exelon Generation Company, LLC

Braidwood Station  
35100 South Route 53, Suite 84  
Braceville, IL 60407-9619

April 15, 2021  
BW210024

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 23

The purpose of this letter is to transmit the Core Operating Limits Report (COLR) for Braidwood Unit 1 Cycle 23 in accordance with Technical Specification 5.6.5, "Core Operating Limits Report (COLR)." Braidwood Unit 1 Cycle 23 COLR, Revision 17 was implemented during Braidwood Unit 1 Refueling Outage 22 in support of Cycle 23 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 22, Revision 16.

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

Sincerely,

Keenan,  
John P.

Digitally signed by Keenan,  
John P.  
DN: cn=Keenan, John P.  
Date: 2021.04.06 08:03:13  
-05'00'

John Keenan  
Site Vice President  
Braidwood Station

Attachment: Core Operating Limits Report (COLR) for Braidwood Unit 1 Cycle 23, Revision 17

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