



October 30, 2012  
BW120108

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

Braidwood Station, Unit 2  
Facility Operating License No. NPF-77  
NRC Docket No. STN 50-457

Subject: Braidwood Station Readiness for 95001 Supplemental Inspection

Reference: Letter from Gary L. Shear (U.S. NRC) to Michael J. Pacilio (Exelon Generation Company, LLC), "Assessment Follow-Up Letter for Braidwood Station Unit 2," dated August 6, 2012

On July 18, 2012, the Mitigating System Performance Index (MSPI) for the Cooling Water Support System for Braidwood Unit 2 had crossed the Green-to-White threshold. This was due to probabilistic risk assessment model change errors, operating restrictions on the cooling water support system and equipment failures. A root cause investigation has been completed.

In the referenced letter, the NRC requested that Exelon Generation Company (EGC) provide notification of readiness for a 95001 supplemental inspection. This letter provides notification to the NRC that EGC is prepared for this inspection. EGC understands this inspection will take place the week of November 26, 2012.

There are no regulatory commitments contained in this letter.

Should you have any questions concerning this letter, please contact Mr. Chris VanDenburgh, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,

Daniel J. Enright  
Site Vice President  
Braidwood Station

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