

April 22, 2011
BW110032

EA-2010-050

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Braidwood Station, Units 1 and 2
Facility Operating License Nos. NPF-72 and NPF-77
NRC Docket Nos. STN 50-456, STN 50-457 and 72-73

Subject: Notification of Full Compliance to NRC Security Order EA-2010-050 Requirements for Braidwood Station Independent Spent Fuel Storage Installation

- Reference:**
1. Letter from C. Haney (U. S. Nuclear Regulatory Commission) to M. J. Pacilio (Exelon Generation Company, LLC), "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Braidwood Station Independent Spent Fuel Storage Installation (EA-2010-050)," dated June 9, 2010
 2. Letter from A. Shahkarami (Exelon Generation Company, LLC) to U. S. Nuclear Regulatory Commission, "Response to NRC Order EA-2010-050 for Braidwood Station Independent Spent Fuel Pool Storage Installation (ISFSI)," dated June 28, 2010

In Reference 1, the NRC issued Security Order EA-2010-050 to require Exelon Generation Company, LLC (EGC) to comply with Additional Security Measures (ASMs) listed in the Security Order for Braidwood Station. In Reference 2, EGC responded to the NRC with the schedule for achieving full compliance with the ASMs for Braidwood Station.

In accordance with Section III, Condition C.2 of the Order, EGC is required to report when it has achieved full compliance with the requirements described in Attachments 1 and 2 of the Order. This letter provides notification to the NRC that, as of April 22, 2011, Braidwood Station is in full compliance with the requirements described in Attachments 1 and 2 of the Order. Full compliance is required no later than 365 days from the date of the Order or 90 days before the first day that spent fuel is initially placed in the Independent Spent Fuel Storage Installation (ISFSI), whichever is earlier. Braidwood Station intends to start utilizing the ISFSI in mid August 2011 and thus has met the implementation schedule required by the Order. As described in the Order, EGC will not place spent fuel in the ISFSI until written verification is received from the NRC that the ASMs have been adequately implemented.

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There are no regulatory commitments contained in this letter. If you have any questions regarding this submittal, please contact Mr. Chris VanDenburgh, Regulatory Assurance Manager, at (815) 417-2800.

Respectfully,

A handwritten signature in black ink that reads "Daniel J. Enright". The signature is written in a cursive style with a large, prominent initial "D".

Daniel J. Enright
Site Vice President
Braidwood Station

cc: U. S. NRC Regional Administrator, Region III
U. S. NRC Senior Resident Inspector (Braidwood Station)
Illinois Emergency Management Agency – Division of Nuclear Safety