

August 11, 2011

Mr. Daniel J. Enright, Site Vice President
Exelon Nuclear
Exelon Generation Company, LLC
Braidwood Station
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: RESPONSE TO ORDER FOR IMPLEMENTATION OF ADDITIONAL SECURITY
MEASURES AND FINGERPRINTING FOR UNESCORTED ACCESS FOR
CERTAIN SPENT FUEL STORAGE LICENSEES – BRAIDWOOD STATION
INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Enright:

On June 9, 2010, the U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-2010-050) that modified the current license for the Braidwood Station independent spent fuel storage installation (ISFSI). The Order required compliance with additional security measures (ASMs) for physical protection and access authorization and fingerprinting at ISFSIs. On June 28, 2010, Exelon Generation Company LLC (Exelon) submitted its response to the Order.

In the June 28, 2010, response, Exelon stated that it intended to fully comply with the ASM requirements for physical protection and access authorization and fingerprinting at the Braidwood Station ISFSI. Exelon's April 11, 2011, submittal provided confirmation that implementation of both ASMs (Attachments 1 and 2 to the Order) had been completed and that Exelon is in full compliance with the Order.

Based on our review, the NRC staff finds that your responses to the Order are acceptable. The NRC has determined that you have effectively implemented the ASMs through on-site inspection (IR 05000456/2011405, 05000457/2011405, and 07200073/2011401). If you have any questions about this letter, please call me at 301-492-3316.

Sincerely,

/RA/

L. Raynard Wharton, Senior Project Manager
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-73
cc: Distribution via Listserv

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