



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 5, 2016

Mr. Bryan C. Hanson
Senior Vice President
Exelon Generation Company, LLC
President and Chief Nuclear
Officer (CNO) Exelon Nuclear
4300 Winfield Rd.
Warrenville, IL 60555

SUBJECT: RESPONSE TO ORDER FOR IMPLEMENTATION OF ADDITIONAL SECURITY MEASURES AND FINGERPRINTING FOR UNESCORTED ACCESS FOR CLINTON POWER STATION INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. Hanson:

On April 21, 2014, the U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-14-045) that modified the current license for Exelon Generation Company's, LLC, (EGC) Clinton Power Station Independent Spent Fuel Storage Installation (ISFSI). The Order required compliance with additional security measures (ASMs) for physical protection, access authorization and fingerprinting at ISFSIs. On May 12, 2014, Exelon submitted its response to the Order for the Clinton ISFSI.

On April 14, 2016, EGC notified the NRC that it planned to begin initial spent fuel loading on September 6, 2016. On May 6, 2016, EGC submitted its physical security plan (PSP) to the NRC. Additionally, on July 19, 2016, EGC submitted its Blast Load Calculation (SGI) in support of PSP submittal. The NRC performed an on-site physical security inspection on June 22, 2016, documented in a report dated July 21, 2016. The inspection was performed to ensure compliance with the ASMs.

Based on our review, the NRC staff finds that EGC's responses to the Order are acceptable. The NRC has determined that EGC has effectively implemented the ASMs through an on-site inspection (IR Nos. (05000461/2016408 - 072001046/2016401) of the Clinton Power Station ISFSI. If you have any questions about this letter, please call me at 301-415-7497.

Sincerely,

/RA P. Silva Acting for/

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

Docket No.: 72-1046
cc: Distribution via ListServ

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