



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

June 4, 2009

Mr. Daniel J. Enright
Site Vice President
Exelon Generation Company, LLC
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

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

Dear Mr. Enright:

On April 2, 2008, the U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-08-069) that modified the current license for the Byron Station independent spent fuel storage installation (ISFSI). The Order required compliance with additional security measures (ASM) for physical protection and access authorization and fingerprinting at ISFSIs. On April 21, 2008, Exelon Generating Company, LLC (EGC) submitted its responses to the Order.

In the April 21, 2008, response, EGC stated that it intended to fully comply with the ASM requirements for physical protection and access authorization and fingerprinting at Byron Station ISFSI. EGC's May 20, 2009, submittal provided confirmation that implementation of both ASMs (Attachments 1 and 2 to the Order) had been completed and Byron Station 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 inspections (IR 05000454/2009404 and IR 05000455/2009404). If you have any questions about this letter, please call me at 301-492-3316.

Sincerely,

A handwritten signature in black ink, reading "L. Raynard Wharton".

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

Docket No. 72-54
cc: Distribution via Listserv

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/RA/

L. Raynard Wharton, Senior Project Manager
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