

May 8, 2015

Mr. Patrick R. Simpson  
Manager – Licensing  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE DRESDEN ISFSI –  
EXEMPTION REQUEST (DOCKET NO. 72-37, TAC NO. L24989)

Dear Mr. Simpson:

By letter dated January 29, 2015 (Agency-wide Documents Access and Management System (ADAMS) Accession Number ML15029A334) Exelon Generation Company, LLC (EGC) submitted an exemption request to the U.S. Nuclear Regulatory Commission (NRC) in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 72.7. EGC requests approval of a one-time exemption from the requirements of 10 CFR 72.212(b)(3) and (b)(11) for the Dresden Nuclear Power Station (DNPS) independent spent fuel storage installation (ISFSI). Specifically, EGC requests authorization to load and store the DNPS Unit 1 Thoria Rod Canister containing 18 DNPS Unit 1 Thoria Rods in a Holtec International, Inc. (Holtec) Multi-purpose Canister (MPC)-68M, which is not currently permitted under Certificate of Compliance (CoC) Number (No.) 1014, Amendment 8, Appendix B, "Approved Contents and Design Features." The regulations require, in part, compliance to the terms and conditions of CoC No. 1014.

The NRC staff reviewed the exemption request using guidance document NUREG-1536, "Standard Review Plan for Spent Fuel Dry Storage Systems at a General License Facility," Final Report, dated July 2010 and NUREG-1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs," dated August 2003.

In connection with the staff's review, we need the information identified in the enclosure to this letter. We request that you provide this information thirty (30) days from the date of this letter. Inform us at your earliest convenience, but not later than two (2) weeks prior to the due date if you are not able to provide the information by the due date. To assist us in re-scheduling your review, you should include a new proposed submittal date and the reasons for delay.

Please reference Docket No. 72-37 and TAC No. L24989 in future correspondence related to this request. The staff is available to clarify these questions, and if necessary to meet and discuss your proposed responses.

If you have any questions regarding this matter, please contact me at (301) 415-7465.

Sincerely,

**/RA/ M. Sampson for**

Dr. Pamela Longmire, Project Manager  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-37  
TAC No.: L24989

Enclosure: RAI

If you have any questions regarding this matter, please contact me at (301) 415-7465.

Sincerely,

**/RA/ M. Sampson for**

Dr. Pamela Longmire, Project Manager  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-37  
TAC No.: L24989

Enclosure: RAI

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