

December 31, 2013

Mr. Patrick S. Thurman, Esq  
Vice President Regulatory Affairs  
ZionSolutions, LLC  
101 Shiloh Boulevard  
Zion, IL 60099

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

Dear Mr. Thurman:

On December 20, 2011, the U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-11-268) that modified the current license for the Zion Nuclear Power 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 January 10, 2012, ZionSolutions, LLC, (ZS) submitted its response to the Order.

In the January 10, 2012, response, ZS stated that it would demonstrate ability to comply with the Order by December 20, 2012. On December 20, 2012, ZS notified the NRC of a change in its schedule commitment for implementation of the subject NRC Order EA-11-268. In the letter from ZS to the NRC, ZS informed the NRC that it will be prepared to demonstrate compliance with ISFSI Security Order EA-11-268, within a reasonable time prior to support NRC inspections activities and associated reviews. The NRC performed a security inspection on December 19, 2013.

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 05000295/2013405, 05000304/2013405, and 07201037/2014401). If you have any questions about this letter, please call me at 301-287-9196.

Sincerely,

/RA/

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

Docket No.: 72-1037

cc: Distribution via Service List

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