



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, ILLINOIS 60532-4352

November 15, 2017

Mr. John Sauger  
Executive VP & Chief Nuclear Officer  
Zion Nuclear Power Station  
ZionSolutions, LLC  
101 Shiloh Boulevard  
Zion, IL 60099

SUBJECT: ZION NUCLEAR POWER STATION (DECOMMISSIONING)—INDEPENDENT  
SPENT FUEL STORAGE INSTALLATION—NRC SECURITY INSPECTION  
REPORT 05000295/2017401(DRS), 05000304/2017401(DRS),  
07201037/2017401(DRS)

Dear Mr. Sauger:

On October 19, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection of the Physical Security Program for the Zion Nuclear Power Station, Independent Spent Fuel Storage Installation located near Zion, Illinois. In addition, the inspector evaluated the implementation of the Material Control and Accounting Program in accordance with Title 10 of the *Code of Federal Regulations* (CFR), Part 72.72(b). At the conclusion of the inspection on October 19, 2017, the inspector discussed the results of the inspection with you and other members of your staff. The inspection results are documented in the enclosed report.

The NRC inspector did not identify any finding or violation of more-than-minor significance.

This letter will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

However, the enclosed report contains Security-Related Information, so the enclosed report will not be made publically available in accordance with 10 CFR 2.390(d)(1). If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information—Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Enclosure contains Sensitive Unclassified Non-Safeguards  
Information. When separated from enclosure, this transmittal  
document is decontrolled.

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J. Sauger

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA/*

Steven K. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket No. 050-00295, 050-00304, 072-01037  
License No. DPR-39, DPR-48, General License (ISFSI)

Enclosure:  
IR 05000295/2017401(DRS); 05000304/2017401(DRS)  
07201037/2017401(DRS)

cc w/encl: J. Houff, ISFSI Plant Manager

cc w/o encl: ZionSolutions® Service List

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J. Sauger

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Letter to John Sauger from Steven K. Orth dated November 15, 2017

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