

December 20, 2013

MEMORANDUM TO: Eric Benner, Chief  
Rules, Inspections, and Operations Branch  
Division of Spent Fuel Storage and Transportation  
Licensing and Inspection Directorate  
Office of Nuclear Material Safety and Safeguards

FROM: Sandra Wastler, Chief */RA/*  
Materials Waste Security Branch  
Division of Security Policy  
Office of Nuclear Security and Incident Response

SUBJECT: STAFF REVIEW OF THE ZION NUCLEAR POWER STATION  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION PHYSICAL  
SECURITY PLAN (REVISION 2) AND VERIFICATION OF  
ADDITIONAL SECURITY MEASURES INCORPORATION

The staff has completed its review of the Zion Nuclear Power Station (ZNPS) Independent Spent Fuel Storage Installation (ISFSI) Physical Security Plan (PSP) (Revision 2) submitted by ZIONSOLUTIONS to the U.S Nuclear Regulatory Commission (NRC) by letter dated October 4, 2013.

Based on our review, we find the submitted PSP to be acceptable and the ZNPS ISFSI PSP has met the applicable performance objectives and general requirements outlined in Title 10 of the *Code of Federal Regulations* (10 CFR), Section 73.55, and the Additional Security Measures (ASM) imposed by NRC Order EA-11-268.

An on-site physical security inspection was completed during the week of December 16, 2013, to verify the ZNPS ISFSI successfully meets the objectives outlined in IP 81311. The Inspection's report numbers for this report are 05000295/201345, 05000304/201345, and 201037/2014401. Based on the staffs' observations, the PSP has met the performance objectives and general requirements outlined in 10 CFR Section 73.55 and the ASM imposed by the NRC.

Docket No. 72-1037

CONTACT: Doug Garner, NSIR/DSP  
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