

10 CFR 72.212

June 2, 2014

ZS-2014-0218

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
Washington, DC 20555-0001

Zion Nuclear Power Station, Units 1 and 2  
Facility Operating License Nos. DPR-39 and DPR-48  
NRC Docket Nos. 50-295, 50-304 and 72-1037

**Subject: Independent Spent Fuel Storage Installation  
Registration of Dry Spent Fuel Storage Canister**

Pursuant to 10 CFR 72.212(b)(2), *ZionSolutions*, LLC, the Licensee for Zion Nuclear Power Station, is providing the following registration information for the use of dry spent fuel storage casks to store used fuel under our 10 CFR 72.210 General License at the Zion Nuclear Power Station Independent Spent Fuel Storage Installation.

Licensee Name            *ZionSolutions*, LLC  
Licensee Address:        101 Shiloh Boulevard, Zion, IL 60099  
Reactor License Nos.:  DPR-39 and DPR-48  
Reactor Docket Nos.:  50-295 and 50-304  
ISFSI Docket No.:      72-1037

The following NAC MAGNASTOR canisters and casks were placed in service on the dates indicated:

Date in Service:            May 17, 2014  
Cask Certificate No.:        1031, Amendment No. 3  
VCC Model No. & ID No.:  Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-31  
TSC Model No. & ID No.:  Transportable Storage Canister Model TSC4,  
ID No. MAG-TSCDF-215555-23

Date in Service:            May 22, 2014  
Cask Certificate No.:        1031, Amendment No. 3  
VCC Model No. & ID No.:  Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-32  
TSC Model No. & ID No.:  Transportable Storage Canister Model TSC4,  
ID No. MAG-TSCDF-215555-24

*FSME20*  
*MMSS26*

Date in Service: May 27, 2014  
Cask Certificate No.: 1031, Amendment No. 3  
VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-33  
TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,  
ID No. MAG-TSCDF-215555-28

Date in Service: May 31, 2014  
Cask Certificate No.: 1031, Amendment No. 3  
VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-34  
TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,  
ID No. MAG-TSCDF-215555-26

This letter contains no new or modified regulatory commitments.

Should you have any questions, or require additional information concerning used fuel storage under our general license, please contact Mr. Stephen Wohlers, at (224) 789-4212.

Respectfully,



Gerard van Noordennen  
Vice President of Regulatory Affairs  
ZionSolutions, LLC

cc: John Hickman, U.S. NRC Senior Project Manager  
Catherine Haney, Director, Office of Nuclear Material Safety and Safeguards  
Patrick Loudon, Director, Division of Nuclear Materials Safety, NRC Region III  
Robert Orlikowski, Chief, Materials Control, ISFSI, and Decommissioning Branch, NRC Region III  
Matthew Learn, NRC Region III  
Service List

Zion Nuclear Power Station, Unit 1 and 2 License Transfer Service List

cc:

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