

10 CFR 72.212

April 14, 2014

ZS-2014-0075

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: March 26, 2014
Cask Certificate No.: 1031, Amendment No. 3
VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-23
TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,
ID No. MAG-TSCDF-215555-11

Date in Service: April 5, 2014
Cask Certificate No.: 1031, Amendment No. 3
VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-22
TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,
ID No. MAG-TSCDF-215555-12

FSME20
NMSS26

ZionSolutions, LLC
ZS-2014-0075
Page 2 of 2

Date in Service: April 10, 2014
Cask Certificate No.: 1031, Amendment No. 3
VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-24
TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,
ID No. MAG-TSCDF-215555-16

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:

Alan Parker
President Projects Group
EnergySolutions
1009 Commerce Park Drive, Ste. 100
Oak Ridge, TN 37830

Russ Workman
General Counsel
EnergySolutions
423 West 300 South, Ste. 200
Salt Lake City, UT 84101

John Sauger
Senior VP & General Manager
ZionSolutions, LLC
101 Shiloh Boulevard
Zion, IL 60099

Alwyn C. Settles
Section Head, Nuclear Facility Inspection
Bureau of Nuclear Facility Safety
Illinois Emergency Management Agency
1011 North St., PO Box 250
Mazon, IL 60444

Gary Bouchard
VP , Ops, Engineering, and
Decommissioning Plant Manager
ZionSolutions, LLC
101 Shiloh Boulevard
Zion, IL 60099

Kent McKenzie
Emergency Management Coordinator
Lake County Emergency Management Agency
1303 N. Milwaukee Avenue
Libertyville, IL 60048-1308

Gerard van Noordennen
VP Regulatory Affairs
ZionSolutions, LLC
101 Shiloh Boulevard
Zion, IL 60099

Regional Administrator
U.S. NRC, Region III
2443 Warrenville Road
Lisle, IL 60532-4352

Dan Shrum
Senior VP Regulatory Affairs
EnergySolutions
423 West 300 South, Ste. 200
Salt Lake City, UT 84101

John E. Matthews
Morgan, Lewis & Bockius LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004