

10 CFR 72.212

October 20, 2014 ZS-2014-0369

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:

October 3, 2014

Cask Certificate No.:

1031, Amendment No. 3

VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-48

TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,

ID No. MAG-TSC-215555-02

Date in Service:

October 8, 2014

Cask Certificate No.:

1031, Amendment No. 3

VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-47

TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,

ID No. MAG-TSC-215555-21

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Date in Service:

October 14, 2014

Cask Certificate No.:

1031, Amendment No. 3

VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-46

TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,

ID No. MAG-TSC-215555-22

Date in Service:

October 17, 2014

Cask Certificate No.:

1031, Amendment No. 3

VCC Model No. & ID No.: Vertical Concrete Cask Model CC4, VCC ID No. ZS-VCC-36

TSC Model No. & ID No.: Transportable Storage Canister Model TSC4,

ID No. MAG-TSC-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 me at (224) 789-4025.

Respectfully, Gerard van Noordensen

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 Louden, 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:

John Christian
President Logistics Processing and
Disposal Group
EnergySolutions
1750 Tysons Boulevard, Suite 1500
Mclean, VA 22102

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

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

Anthony Orawiec
Decommissioning Plant Manager
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Regional Administrator U.S. NRC, Region III 2443 Warrenville Road Lisle, IL 60532-4352

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