

10 CFR 72.212

March 17, 2016

ZS-2016-0034

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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: Re-Registration of Zion Nuclear Power Station Spent Fuel Storage Casks

- References:
- 1) Certificate of Compliance Number 1031 for the NAC-MAGNASTOR System, Amendment 3, U.S. Nuclear Regulatory Commission, dated July 25, 2013
 - 2) Certificate of Compliance Number 1031 for the NAC-MAGNASTOR System, Amendment 3, Revision 1, U.S. Nuclear Regulatory Commission, dated February 1, 2016
 - 3) U.S. NRC Safety Evaluation Report, NAC International Inc. MAGNASTOR Storage System, Docket No. 72-1031, Amendment No. 3, Revision No. 1, dated February 1, 2016

Pursuant to 10 CFR 72.212(b)(2), *ZionSolutions* herewith provides notification that the 61 NAC-MAGNASTOR spent fuel storage casks loaded at Zion Nuclear Power Station (ZNPS) that were previously registered to Certificate of Compliance (CoC) No. 1031, Amendment 3 (Reference 1), will now be registered to CoC No. 1031, Amendment 3, Revision 1 (Reference 2). The Revision 1 changes to CoC No. 1031 are addressed in Reference 3. A list of the Zion Independent Spent Fuel Storage Installation (ISFSI) registered vertical concrete casks (VCCs) along with their enclosed transportable storage canisters (TSCs) is provided in the Attachment.

This letter contains no new or modified regulatory commitments.

Should you have any questions, or require additional information concerning this notification, please contact me at 224-789-4025 or gpvannoordennen@energysolutions.com.

Respectfully,



Gerard van Noordennen
Vice President of Regulatory Affairs

Attachment: ZNPS ISFSI Loaded Spent Fuel Casks

cc: John Hickman, U.S. NRC Senior Project Manager
Service List

NM5526

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

cc:

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ATTACHMENT

ZNPS ISFSI LOADED SPENT FUEL CASKS

Pad Location Column/ Row A - H / 1 - 9	Canister (TSC) ID No.	Cask (VCC) ID No.	Date in Service (On Pad)
A1	MAG-TSC-215555-24	ZS-VCC-05	October 22, 2014
A2	MAG-TSCDF-215555-12	ZS-VCC-22	April 5, 2014
A3	MAG-TSCDF-215555-11	ZS-VCC-23	March 26, 2014
A4	MAG-TSCDF-215555-16	ZS-VCC-24	April 10, 2014
A5	MAG-TSCDF-215555-17	ZS-VCC-25	April 19, 2014
A6	MAG-TSCDF-215555-18	ZS-VCC-26	April 24, 2014
A7	MAG-TSCDF-215555-19	ZS-VCC-27	April 30, 2014
A8	MAG-TSC-215555-21	ZS-VCC-47	October 8, 2014
B1	MAG-TSC-215555-29	ZS-VCC-06	October 28, 2014
B2	MAG-TSCDF-215555-20	ZS-VCC-28	May 4, 2014
B3	MAG-TSCDF-215555-21	ZS-VCC-29	May 8, 2014
B4	MAG-TSCDF-215555-22	ZS-VCC-30	May 13, 2014
B5	MAG-TSCDF-215555-23	ZS-VCC-31	May 17, 2014
B6	MAG-TSCDF-215555-24	ZS-VCC-32	May 22, 2014
B7	MAG-TSCDF-215555-28	ZS-VCC-33	May 27, 2014
B8	MAG-TSC-215555-22	ZS-VCC-46	October 14, 2014
C1	MAG-TSC-215555-25	ZS-VCC-09	November 10, 2014
C2	MAG-TSCDF-215555-26	ZS-VCC-34	May 31, 2014
C7*	MAG-TSCDF-215555-27	ZS-VCC-35	June 5, 2014
C8	MAG-TSC-215555-26	ZS-VCC-36	October 17, 2014
D1	MAG-TSC-215555-30	ZS-VCC-10	November 16, 2014
D2	MAG-TSC-215555-27	ZS-VCC-13	December 1, 2014
D3	MAG-TSCDF-215555-01	ZS-VCC-14	December 7, 2014
D4	MAG-TSC-215555-54	ZS-VCC-49	January 4, 2015
D5	MAG-TSC-215555-53	ZS-VCC-45	January 1, 2015
D6	MAG-TSC-215555-23	ZS-VCC-44	December 28, 2014

Pad Location Column/ Row A - H / 1 - 9	Canister (TSC) ID No.	Cask (VCC) ID No.	Date in Service (On Pad)
D7	MAG-TSCDF-215555-07	ZS-VCC-42	December 19, 2014
D8	MAG-TSCDF-215555-03	ZS-VCC-07	November 2, 2014
E1	MAG-TSCDF-215555-08	ZS-VCC-43	December 23, 2014
E2	MAG-TSC-215555-02	ZS-VCC-48	October 3, 2014
E3	MAG-TSCDF-215555-06	ZS-VCC-38	December 14, 2014
E4	MAG-TSCDF-215555-04	ZS-VCC-08	November 7, 2014
E5	MAG-TSCDF-215555-09	ZS-VCC-59	January 10, 2015
E6	MAG-TSCDF-215555-02	ZS-VCC-37	December 10, 2014
E7	MAG-TSC-215555-28	ZS-VCC-12	November 28, 2014
E8	MAG-TSCDF-215555-05	ZS-VCC-11	November 22, 2014
F1	MAG-TSC-215555-08	ZS-VCC-58	August 16, 2014
F2	MAG-TSC-215555-09	ZS-VCC-57	August 22, 2014
F3	MAG-TSC-215555-10	ZS-VCC-56	August 28, 2014
F4	MAG-TSC-215555-11	ZS-VCC-54	August 31, 2014
F5	MAG-TSC-215555-12	ZS-VCC-52	September 11, 2014
F6	MAG-TSC-215555-13	ZS-VCC-51	September 16, 2014
F7	MAG-TSC-215555-14	ZS-VCC-50	September 22, 2014
F8	MAG-TSC-215555-01	ZS-VCC-55	September 27, 2014
G1	MAG-TSC-215555-05	ZS-VCC-19	March 5, 2014
G2	MAG-TSC-215555-06	ZS-VCC-18	March 13, 2014
G3	MAG-TSC-215555-15	ZS-VCC-03	July 23, 2014
G4	MAG-TSCDF-215555-29	ZS-VCC-04	July 25, 2014
G5	MAG-TSC-215555-17	ZS-VCC-53	September 7, 2014
G6	MAG-TSC-215555-19	ZS-VCC-01	June 16, 2014
G7	MAG-TSCDF-215555-30	ZS-VCC-61	August 5, 2014
G8	MAG-TSC-215555-16	ZS-VCC-02	June 21, 2014
H1	MAG-TSC-215555-03	ZS-VCC-39	February 15, 2014
H2	MAG-TSC-215555-04	ZS-VCC-20	February 25, 2014
H3	MAG-TSC-215555-20	ZS-VCC-15	July 15, 2014

Pad Location Column/ Row A - H / 1 - 9	Canister (TSC) ID No.	Cask (VCC) ID No.	Date in Service (On Pad)
H4	MAG-TSC-215555-07	ZS-VCC-17	June 9, 2014
H5	MAG-TSC-215555-18	ZS-VCC-16	June 26, 2014
H6	MAG-TSCDF-215555-13	ZS-VCC-40	January 17, 2014
H7	MAG-TSCDF-215555-15	ZS-VCC-41	January 9, 2014
H8	MAG-TSCDF-215555-14	ZS-VCC-21	January 25, 2014
H9	MAG-TSCDF-215555-25	ZS-VCC-60	August 10, 2014

* Casks in ISFSI Pad Location C3 to C6 contain GTCC radioactive waste