

10 CFR 50.4(b)(1)

March 30, 2015

ZS-2015-0051

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 and 50-304

Subject: License Termination Plan Request for Additional Information

References:

- 1) Gerard van Noordennen, *ZionSolutions*, Letter to U.S. Nuclear Regulatory Commission, "License Amendment Request for the License Termination Plan", dated December 19, 2014
- 2) Gerard van Noordennen, *ZionSolutions*, Letter to U.S. Nuclear Regulatory Commission, "License Termination Plan Update of the Site-Specific Decommissioning Costs", dated February 26, 2015

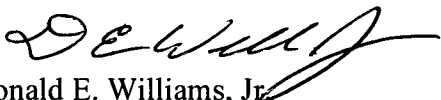
The Zion Station License Termination Plan (LTP) was submitted to the U.S Nuclear Regulatory Commission (NRC) for review on December 19, 2014 as documented in Reference 1. Following preliminary NRC review, a Request for Additional Information (RAI) was received requesting DUST-MS or RESRAD input/output files used for LTP Chapter 6 dose modeling tables. The requested information is included on a disk sent with this correspondence.

The disk includes the following:

- *ZionSolutions* Technical Support Document TSD 14-009 which describes the DUST-MS modeling methods and results,
- *ZionSolutions* Technical Support Document TSD 14-010 which provides the RESRAD Output Reports referenced in LTP Chapter 6,
- DUST-MS code input and output files, and
- RESRAD code input files and dose conversion factor files (as applicable) corresponding to the parameter tables provided in LTP Chapter 6, Attachments 1-4.

There are no regulatory commitments made in this submittal. If you should have any questions regarding this submittal, please contact Robert Yetter at (224) 789-4250.

Respectfully,



Donald E. Williams, Jr.  
Vice President of Radiological and Environmental Controls

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ZionSolutions, LLC

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Enclosures on a CD:

- 1) TSD 14-009
- 2) TSD 14-010
- 3) Zion LTP DUST-MS Code Input and Output Files
- 4) Zion LTP RESRAD Code Input and Dose Conversion Files

cc: John Hickman, U.S. NRC Senior Project Manager (2 CDs of the enclosures)

Regional Administrator, U.S. NRC, Region III (1 CD of the enclosures)

Service List (Cover letter only, no enclosures)

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

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