

May 3, 2017

ZS-2017-0054

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: Zion Nuclear Power Station, Units 1 & 2 and Independent Spent Fuel Storage  
Installation 2016 Annual Radiological Environmental Operating Report

In accordance with the Zion Nuclear Power Station (ZNPS) Quality Assurance Project Plan (QAPP), Appendix B, Section 5.7.2 "Annual Radiological Environmental Operating Report" and Certificate of Compliance (CoC) No. 1031 for the MAGNASTOR SYSTEM, Appendix A, Technical Specification Sections 5.1.1 and 5.1.3, "Radioactive Effluent Control Program," ZionSolutions is submitting the 2016 Annual Radiological Environmental Operating Report for Units 1, 2 and the Independent Spent Fuel Storage Installation (ISFSI).

ZNPS QAPP Appendix B, Section 5.7.2 requires submittal of an Annual Radiological Environmental Operating Report before May 15 of each year. CoC Technical Specification Sections 5.1.1 and 5.1.3 require submittal of an Annual Radioactive Effluent Control Program report which may be incorporated into the report for the facility operating license. The attachment to this letter is the Annual Radiological Environmental Operating Report and includes the Annual Radioactive Effluent Report for Units 1 and 2 and the ISFSI.

There are no new regulatory commitments in this submittal.

If you have any questions about this submittal please contact Mr. Christopher Keene at (224)789-4073.

Respectfully,

*Gerard van Noordennen*

Gerard van Noordennen  
Vice President Regulatory Affairs

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

Attachment:  
2016 Annual Radiological Environmental Operating Report

IE25  
NMSSD1  
NMSS26  
NMSS

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

cc:

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