

April 22, 2013

ZS-2013-0171

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 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

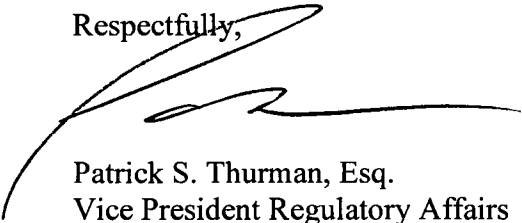
Subject: 2012 Occupational Radiation Exposure Individual Report

In accordance with the 10 CFR 19.13 the licensee shall provide an annual report to each individual monitored if the individual's occupational dose exposure exceeds 100 mRem.

Zion Station is a permanently shutdown, and decommissioning is in progress. There were 105 individuals who received greater than or equal to 100 mRem for the calendar year 2012. The reports required by the 10 CFR 19.13 have been forwarded to the affected individuals.

If you have any questions concerning this letter, please contact Danny Adams at (224) 789-4093.

Respectfully,



Patrick S. Thurman, Esq.
Vice President Regulatory Affairs
ZionSolutions, LLC

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

FSME20
IE56
FSME

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

cc:

Patrick T. Daly
Senior VP and General Manager
ZionSolutions, LLC
101 Shiloh Boulevard
Zion, IL 60099

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

Patrick Thurman, Esq.
VP Regulatory Affairs, Licensing &
Document Control
ZionSolutions, LLC
101 Shiloh Boulevard
Zion, IL 60099

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

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

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, IL 62704

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

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

John Christian
President of Logistics, Processing and
Disposal (LP& D) Group
EnergySolutions
1750 Tysons Boulevard, Suite 1500
McLean, VA 22102

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

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