



April 21, 2010

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: 2009 Occupational Radiation Exposure 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 defueled generating station. Because of this condition there was no individual who received greater than 100 mRem for the calendar year 2009.

If you have any questions concerning this letter, please contact Kenneth Greenlee at (847) 379 2700.

Respectfully,

Ronald J. Schuster
Zion Nuclear Power Station
Decommissioning Plant Manager

Attachment
None

cc: Regional Administrator – NRC Regions III

bcc: Regional Administrator US NRC Region III
Project Manager, NRR – Zion Nuclear Power Station
Decommissioning Branch Chief US NRC Region III
Illinois Emergency Management Agency
Mid-West ROG Licensing
DCD – Licensing
Zion Station Regulatory Assurance/ RadChem File
Master File

TE56
FSME