

May 14, 2015

Mr. John Sauger
General Manager
Zion Restoration Project
ZionSolutions LLC
101 Shiloh Blvd.
Zion, IL 60099-2797

SUBJECT: ISSUANCE OF AMENDMENTS RELATED TO CHANGES TO THE
EMERGENCY PLANNING REQUIREMENTS FOR ZION NUCLEAR POWER
STATION, UNITS 1 AND 2 (TAC NOS. J52992 AND J52993)

Dear Mr. Sauger:

The U.S. Nuclear Regulatory Commission (NRC) is issuing the enclosed Amendment Nos. 189 and 176 to Facility License Nos. DPR-39 and DPR-48 for the ZionSolutions, Zion Nuclear Power Station (ZNPS), Units 1 and 2. This amendment is in response to your application dated May 27, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14148A295), as supplemented by letter dated November 6, 2014 (ADAMS Accession No. ML14314A071). This amendment revises the Zion Nuclear Power Station licenses to approve the revised Emergency Plan.

As discussed in the enclosed safety evaluation, the U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the proposed changes to the ZNPS Defueled Station Emergency Plan and concluded that the proposed changes meet the applicable standards in Paragraph (b) to 10 CFR 50.47, "Emergency plans," and the requirements of Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities" to 10 CFR Part 50, and provide reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency at the ZNPS site.

Therefore, the licensee's proposed changes to the ZNPS Defueled Station Emergency Plan, as outlined in the letters referenced above, are considered acceptable. The Commission's regular biweekly *Federal Register* notice will include the Notice of Issuance of this amendment.

Pursuant to Paragraph (c)(9) of 10 CFR 51.22, "Criterion for categorical exclusion; identification of licensing and regulatory actions eligible for categorical exclusion or otherwise not requiring environmental review," the Commission has determined that the issuance of this amendment is categorically excluded and pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared. Approval of this amendment request involves no significant hazards consideration; no significant change in the types or significant increase in the amounts of any effluents that may be released offsite; and no significant increase in individual or cumulative public or occupational radiation exposure.

J. Sauger

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The exemption requests included in your May 27, 2014, request will be addressed by separate correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions regarding this action please contact me at 301-415-3017 or John.Hickman@nrc.gov.

Sincerely,

/RA/

John B. Hickman, Project Manager
Reactor Decommission Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket Nos.: 50-295 and 50-304
License Nos.: DPR-39 and DPR-49

Enclosures:

1. Amendment to DPR-39
2. Amendment to DPR-48
3. Safety Evaluation

cc: w/enclosures Zion Service List

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Zion Nuclear Power Station, Units 1 and 2 Service List

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