



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

May 19, 2020

Mr. John Sauger  
Executive Vice President  
Chief Nuclear Officer Reactor D&D  
EnergySolutions  
2701 Deborah Avenue  
Zion, IL 60099

**SUBJECT: ZION NUCLEAR POWER STATION, UNITS 1 AND 2 – DISCONTINUATION OF  
GROUNDWATER MONITORING PRIOR TO LICENSE TERMINATION**

Dear Mr. Sauger:

By letter dated October 9, 2019 (Agencywide Document Access and Management System (ADAMS Accession No. ML19288A067), ZionSolutions, LLC, requested concurrence from the U.S. Nuclear Regulatory Commission (NRC) for termination of the groundwater monitoring program at Zion Nuclear Power Station (ZNPS). By letter dated November 5, 2019 (ML19303C215), the NRC staff determined that the proposed termination of the ZNPS groundwater monitoring program was acceptable.

Subsequently, you identified a commitment in ZNPS Technical Support Document (TSD) 17-004, that groundwater sampling would continue until license termination and a reference to that commitment in the NRC's safety evaluation approving the License Termination Plan (ML18164A222). You notified us of a change to that commitment in TSD 17-004 on May 11, 2020 (ML20136A404). This letter is to confirm the NRC's acceptance of the groundwater monitoring performed to date as satisfying the commitment for groundwater monitoring until license termination.

Should you have any questions regarding this matter, please contact me at (301) 415-3017 or via e-mail at [john.hickman@nrc.gov](mailto:john.hickman@nrc.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "John B. Hickman".

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

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**\*via email**

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