

June 13, 2012

MEMORANDUM TO: Martin Murphy, Chief  
Mechanical & Civil Engineering Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

FROM: Bruce Watson, Chief **/RA/**  
Reactor Decommissioning Branch  
Decommissioning & Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

SUBJECT: REQUEST FOR TECHNICAL ASSISTANCE ON PROPOSED LICENSE  
AMENDMENT FOR THE ZION NUCLEAR POWER STATION UNITS 1  
AND 2 (TAC NOS. J00433 AND J00434)

By letter dated May 31, 2012, *ZionSolutions* submitted an application for a license amendment for Zion Nuclear Power Station Units 1 and 2. The licensee requested approval of methods of analysis, use of the upgraded fuel handling building crane system as a single-failure proof crane, and a NUREG 0612 compliant heavy loads handling program. Please provide a safety evaluation of the proposal. Mr. Daniel Huang has previously met with the licensee on this issue and a complete copy of the application, including attachments, has been provided in hard and electronic copy to him. The licensee has requested approval by the end of the year so we would like the acceptance review completed by the end of June and requests for additional information, if needed, by the end of September.

Docket Nos. 50-295 & 50-304

CONTACT: John B. Hickman, FSME/DWMEP  
301-415-3017, [John.Hickman@nrc.gov](mailto:John.Hickman@nrc.gov)

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