

SAFEGUARDS INFORMATION

June 16, 2011

Mr. John A. Christian, President
ZionSolutions, LLC
900 17th Street, NW, Suite 1050
Washington, D.C. 20006

**SUBJECT: ZION NUCLEAR POWER STATION INDEPENDENT SPENT FUEL STORAGE
INSTALLATION - PHYSICAL PROTECTION AND ACCESS AUTHORIZATION
SECURITY INFORMATION**

Dear Mr. Christian:

The purpose of this letter is to provide you with the physical protection and access authorization program information pertinent to your future plans to store spent fuel at an independent spent fuel storage installation (ISFSI) at the Zion Nuclear Power Station. The existing regulations provide the basis for the physical protection and access authorization controls needed at an ISFSI. The U.S. Nuclear Regulatory Commission (NRC or Commission) has imposed additional security measures (ASMs) for physical protection and access authorization on operational ISFSIs and ISFSIs within 15 months of spent fuel loading, to address the current threat environment. These ASMs, and the Regulatory Information Summary regarding the NRC Threat Advisory and Protective Measures System for ISFSIs, are enclosed for your information and general consideration.

The Commission's regulations are, of course, subject to revision through rulemaking. Further, the ASMs could be altered if a significant change in the threat environment has occurred, or the Commission determines that other changes are needed. We will endeavor to keep you informed of any potential changes to the Commission's regulations or any changes to supplemental safeguards which could be the subject of subsequent Orders to future ISFSIs.

Two of the enclosures to this letter contain Safeguards Information (SGI), as described in 10 CFR 73.21, and must be withheld from public disclosure. This information is being provided

WARNING: Violation of Section 147 of the Atomic Energy Act, "Safeguards Information," is subject to Civil and Criminal penalties.

NOTICE: Upon removal of Enclosures 1 and 3 to this letter, this document is DECONTROLLED.

SAFEGUARDS INFORMATION

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-2-

for your information only and, thus, no action or written response to this letter is required. If you have any questions, please contact me at (301) 492-3316.

Sincerely,

/RA/

L. Raynard Wharton, Senior Project Manager
Rules, Inspections, and Operations Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-1037

Enclosures:

1. "Additional Security Measures (ASMs) for Physical Protection of Dry Independent Spent Fuel Storage Installations (ISFSIs)"
(This attachment contains Safeguards Information.)
2. "Additional Security Measures for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations"
3. "Regulatory Information Summary 2002-12D"
(This attachment contains Safeguards Information.)

cc: Service list w/o SGI enclosures

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