

SAFEGUARDS INFORMATION



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

March 16, 2017

Mr. Ed Mayer, Program Director
Holtec International
Holtec Technology Campus
One Holtec Blvd
Camden, NJ 08104

SUBJECT: PHYSICAL PROTECTION AND ACCESS AUTHORIZATION SECURITY INFORMATION FOR HOLTEC INTERNATIONAL'S PROPOSED HI-STORE CONSOLIDATED INTERIM STORAGE FACILITY AT LEA COUNTY, NEW MEXICO

Dear Mr. Mayer:

The purpose of this letter is to provide you with the physical protection and access authorization program information pertinent to your future plans to seek a license to construct and operate an away-from-reactor site independent spent fuel storage installation (ISFSI) for consolidated storage of spent nuclear fuel at the proposed HI-STORE Consolidated Interim Storage Facility (CISF) in Lea County, New Mexico. The existing regulations provide the basis for the physical protection and access authorization controls needed at a CISF. 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. Also enclosed is Regulatory Guide DG-5033, "Security Performance (Adversary) Characteristics for Physical Security Programs for 10 CFR Part 72 Licensees," as well as the "NEI Implementation Guidance for ICMs for ISFSIs not co-located at an operating reactor," endorsed by NRC for implementation of security measures. The enclosed documents will assist you in developing the physical security plan for the HI-STORE CISF.

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.

Enclosures No. 1, 4, and 5 to this letter contain safeguards information (SGI), as described in 10 CFR 73.21. The third enclosure contains material that is designated as Official Use Only Security-Related Information (OUO-SRI) in accordance with agency requirements for sensitive, unclassified, non-safeguards information (SUNSI). These documents will be withheld from public disclosure.

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, 3, 4, AND 5 to this letter, this document is DECONTROLLED.

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This information is being provided 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) 415-0606.

Sincerely,

/RA/

Jose R. Cuadrado, Project Manager
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-1051

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, Rev.1, "NRC Threat Advisory and Protective Measures System" **(This attachment contains Official Use Only - Security Related Information.)**
4. Regulatory Guide DG-5033, "Security Performance (Adversary) Characteristics for Physical Security Programs for 10 CFR Part 72 Licensees" **(This attachment contains Safeguards Information.)**
5. NEI Implementation Guidance for ICMs for ISFSIs not co-located at an operating reactor **(This attachment contains Safeguards Information.)**

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HOLTEC INTERNATIONAL'S PROPOSED HI-STORE CONSOLIDATED INTERIM STORAGE
FACILITY AT LEA COUNTY, NEW MEXICO, DOCUMENT DATE: MARCH 16, 2017

DISTRIBUTION: (w/o enclosures)

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DO NOT PLACE ENCLOSURES 1, 3, 4, and 5 IN ADAMS

Package: ML17075A056 Letter No.: ML17075A044 Enclosure 2: ML17079A277

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