

**SAFEGUARDS INFORMATION**



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

July 7, 2017

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

**SUBJECT: ACCEPTANCE REVIEW OF HOLTEC INTERNATIONAL'S APPLICATION FOR SPECIFIC INDEPENDENT SPENT FUEL STORAGE INSTALLATION LICENSE FOR THE HI-STORE CONSOLIDATED INTERIM STORAGE FACILITY FOR SPENT NUCLEAR FUEL – REQUEST FOR SUPPLEMENTAL INFORMATION**

Dear Mr. Mayer:

By letter dated March 30, 2017, as supplemented on April 13, 2017, Holtec International (Holtec) submitted to the U.S. Nuclear Regulatory Commission (NRC) an application for a specific independent spent fuel storage installation (ISFSI) license to construct and operate the HI-STORE Consolidated Interim Storage (CIS) Facility, in Lea County, New Mexico, in accordance with requirements of Part 72 of Title 10 of the *Code of Federal Regulations* (10 CFR 72), "*Licensing Requirements for the Independent Storage of Spent Nuclear Fuel, High-Level Radioactive Waste and Reactor-Related Greater than Class C Waste.*" Your license application seeks NRC approval to store up to 5,000 metric tons (MTU) of commercial spent nuclear fuel in the HI-STORM UMAX Canister Storage System for a 40-year license term.

The staff has performed an acceptance review of Holtec's proposed Physical Security Plan, Safeguards Contingency Plan, and Security Training and Qualifications Plan for the HI-STORE CIS Facility (submitted on April 13, 2017), to determine if the documents contained sufficient information to begin a detailed physical security review. The staff has determined that the physical security plans submitted do not provide sufficient information to begin a detailed security review and that supplemental information is needed. The information needed to continue our review is described in the enclosed request for supplemental information (RSIs).

Responses to the enclosed RSIs should be provided within 28 days from the date of this letter. If Holtec is unable to meet this response date, please notify NRC staff, within two weeks of receipt of this letter, of your new submittal date and the reasons for the delay. If the RSI responses do not provide sufficient information, the application may not be accepted for review.

Upon removal of Enclosure 1, this document is uncontrolled

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In addition to the enclosed RSIs, NRC staff has also included Observations. Observations are technical questions identified by the staff during the acceptance review that do not require resolution before accepting the application for review, but may require NRC staff to issue a request for additional information during the detailed security review. These observations are not the result of a detailed security review and may be resolved if the staff begins a detailed review. The staff may also identify additional information needs, beyond those included as RSIs or observations in this letter, during its detailed security review, should the application be docketed.

Please reference Docket No. 72-1051 and CAC No. L25211 in future correspondence related to the acceptance review for this licensing action. 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  
CAC No.: L25211

Enclosure:  
RSI (Safeguards)

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ACCEPTANCE REVIEW OF HOLTEC INTERNATIONAL'S APPLICATION FOR SITE-SPECIFIC INDEPENDENT SPENT FUEL STORAGE INSTALLATION LICENSE FOR THE HI-STORE CONSOLIDATED INTERIM STORAGE FACILITY FOR SPENT NUCLEAR FUEL – REQUEST FOR SUPPLEMENTAL INFORMATION, DOCUMENT DATE: JULY 7, 2017

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**ADAMS Package No. ML17191A478**

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<b>DATE:</b>	7/6/2017	7/7/2017	7/7/2017		

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