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

July 7, 2017

Ms. Kimberly Manzione,
Licensing Manager
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 Ms. Manzione:

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*." The 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 NRC staff has performed an acceptance review of your application to determine if the application contained sufficient technical information to begin a detailed technical review. The staff has determined that the application does not provide sufficient technical information to begin a detailed 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 2, this document is uncontrolled

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 technical review. These observations are not the result of a detailed technical 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 technical 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

Enclosures:
1. RSI (non-proprietary)
2. RSI (proprietary)

ACCEPTANCE REVIEW OF HOLTEC INTENRATIONAL'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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Letter: G:/SFST/Cuadrado/Holtec/Holtec ICSF/HI-STORE CISF RSIs Letter.docx
Non-prop RSIs: /Holtec ICSF/HI-STORE RSI Nonprop.docx
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ADAMS Package No. ML17191A356

OFC:	DSFM		DSFM		DSFM			
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