



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

March 7, 2017

MEMORANDUM TO: Anthony Hsia, Deputy Director
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

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

SUBJECT: SUMMARY OF FEBRUARY 1, 2017, PARTIALLY CLOSED PRE-APPLICATION MEETING WITH HOLTEC INTERNATIONAL, INC TO DISCUSS THE SAFETY ANALYSIS REPORT FOR THE PROPOSED HI-STORE CONSOLIDATED INTERIM STORAGE FACILITY IN LEA COUNTY, NEW MEXICO

On February 1, 2017, staff from the Division of Spent Fuel Management held a partially closed pre-application meeting with representatives from Holtec International at the U.S. Nuclear Regulatory Commission (NRC) Headquarters in Rockville, MD. The purpose of the meeting was to provide NRC staff an overview and discuss details of the Safety Analysis Report (SAR) that Holtec plans to submit in support of their proposed application for a site-specific license for the HI-STORE Consolidated Interim Storage Facility (CISF), to be located in Lea County, New Mexico (NM). No regulatory decisions were made nor requested at this meeting. Portions of the meeting were closed to discuss proprietary information. No regulatory decisions were made nor requested at this meeting.

During its presentation, Holtec discussed in detail their proposed contents and structure for the SAR that it plans to submit with the license application. In the presentation, Holtec discussed that it intends to initially request a license for storage of up to 500 dry storage canisters, with future plans to amend its license to authorize storage for up to 10,000 canisters. Holtec intends to incorporate by reference relevant sections of the FSAR for the HI-STORM UMAX canister storage system, which is certified for storage of spent nuclear fuel under the general license provisions of 10 CFR Part 72, and will be used as the proposed dry storage system for the facility. In its presentation, Holtec discussed that will use the guidance in Regulatory Guide 3.48 and NUREG-1567 to develop the contents and structure of the SAR. Holtec provided a general discussion of the expected contents of each chapter of the HI-STORE SAR, and, for each chapter, identified the information and analyses that will be developed to address site-specific conditions or parameters at the proposed site, as well as the information that will be incorporated by reference.

During the discussions, NRC staff asked questions related to the technical details of the application and, where necessary, discussed relevant guidance and regulatory requirements. Through its questions, the staff sought to clarify the proposed content and level of details to be provided in the SAR, and to re-state the importance of ensuring that the SAR and application contains clear and specific references and analyses that demonstrate how the proposed design and operations will meet the regulatory requirements. Holtec stated that it still plans to submit the license application for the HI-STORE CISF by March 31, 2017.

After the business portion of the meeting, members of the public, in attendance and participating by phone, asked questions and provided comments to NRC staff. NRC staff provided responses or clarifications to the questions provided.

The attendance list (Enclosure 1) and slides for the meeting (Enclosure 2) are enclosed.

Docket No.: 72-1051

Enclosures:

1. Attendance List
2. Meeting Slides

SUMMARY OF FEBRUARY 1, 2017, PARTIALLY CLOSED PRE-APPLICATION MEETING WITH HOLTEC INTERNATIONAL, INC TO DISCUSS THE SAFETY ANALYSIS REPORT FOR THE PROPOSED HI-STORE CONSOLIDATED INTERIM STORAGE FACILITY IN LEA COUNTY, NEW MEXICO, DOCUMENT DATE: MARCH 7, 2017

DISTRIBUTION:

DSFM r/f

NRC attendees

Summary: G:/SFST/Cuadrado/Holtec/Holtec ICSF/Meeting Summary 2-1-17.docx

Slides: G:/SFST/Cuadrado/Holtec/Holtec ICSF/NON-PROPRIETARY - HI-STORE

PreSubmittal on SAR 2-1-2017.pdf

ADAMS Package No. ML17067A217 Memo: ML17067A223 Slides: ML17067A232

OFC:	DSFM		DSFM		DSFM	
NAME:	JCuadrado		WWheatley via E-Mail		JMcKirgan	
DATE:	3/3/17		3/6/17		3/7/17	

OFFICIAL RECORD COPY

February 1, 2017
ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Jose Cuadrado	NRC/DSFM
John McKirgan	NRC/DSFM
Anthony Hsia	NRC/DSFM
Meraj Rahimi	NRC/DSFM
John Wise	NRC/DSFM
David Pstrak	NRC/DSFM
Mike Call	NRC/DSFM
David Tang	NRC/DSFM
Antonio Rigato	NRC/DSFM
JoAnn Ireland	NRC/DSFM
Darrell Dunn	NRC/DSFM
Eli Goldfeiz	NRC/DSFM
Zhian Li	NRC/DSFM
Joe Borowsky	NRC/DSFM
John Nguyen	NRC/DSFM
Damaris Marcano	NRC/DSFM
Jeremy Tapp	NRC/DSFM
Jack Gwo	NRC/DSFM
Earl Love	NRC/DSFM
Patricia Silva	NRC/DSFM
Maureen Conley	NRC/OPA
Angel Moreno	NRC/OCA
Jill Caverly	NRC/FCSE
Cinthya Roman	NRC/FCSE
Stefan Anton	Holtec
Kim Manzione	Holtec
Ed Mayer	Holtec
Anveshan Bommarreddi	Holtec
Miriam Juckett	CNWRA/SWRI
Stephanie Cooke	Nuclear Intelligence Weekly
Earl Easton	Self
(Participating by phone)	
Carlyn Greene	UX Consulting
Don Hancock	SWIC
Tim Morrison	SONGS

ENCLOSURE 2: Holtec Presentation Slides

**“Holtec International – HI-STORE: A Holtec/ELEA Consolidated Interim Storage Facility
for Used Nuclear Fuel and HLW”**

February 1, 2017