



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

January 6, 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 Yen-Ju Chen for/*  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF DECEMBER 6, 2016, PUBLIC MEETING WITH HOLTEC  
INTERNATIONAL TO DISCUSS THE ENVIRONMENTAL REPORT FOR  
THE PROPOSED SITE-SPECIFIC LICENSE APPLICATION FOR THE  
HI-STORE CONSOLIDATED STORAGE FACILITY IN LEA COUNTY,  
NEW MEXICO

On December 6, 2016, staff from the Division of Spent Fuel Management and the Division of Fuel Cycle Safety, Safeguards, and Environmental Protection held a public meeting with representatives from Holtec International (Holtec), 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 preliminary details of the Environmental Report (ER) 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.

During the initial part of the presentation, Holtec provided an overview of the proposed site for the HI-STORE Consolidated Interim Storage Facility in Lea County, NM, the status of planning activities for the submission of the site-specific license application, and a preliminary timeline for licensing, construction, and operation activities at the site. Holtec stated that the proposed site is located approximately 32 miles east of Carlsbad, NM and 34 miles west of Hobbs, NM. Holtec's initial license application will seek authorization to store approximately 5,000 metric tons of uranium (MTUs), with subsequent amendments to increase the capacity of the facility to store a maximum of 100,000 MTUs.

Following this overview, Holtec and representatives from Tetra Tech, Inc., provided a detailed discussion of the schedule, contents, and scope of the proposed ER for the HI-STORE CISF. Holtec discussed that the proposed ER will be prepared following the guidance in Regulatory Guide 3.50 and NUREG-1748. Holtec also stated that it intends to evaluate the environmental impacts from the construction, operation, and decommissioning of the HI-STORE CISF with a storage capacity of up to 100,000 metric tons. Holtec explained that the initial 5,000 MTU construction and storage operation of the facility will be subsequently followed by phased expansions and additional storage operations at the site. Holtec discussed the proposed outline

of the ER, which included a discussion of the data sources, both existing and newly-generated, that they propose to use to describe the affected environment, and a detailed discussion of the methodologies that they intend to use to describe and quantify the environmental impacts from the construction, operation and decommissioning of the facility. Holtec concluded its presentation with a summary of the preliminary environmental findings it has made based on the proposed activities at the site.

Following Holtec's presentation, NRC staff asked questions related to the proposed timelines, scope, and methodologies to be used in the proposed ER. NRC staff questions for Holtec focused on the specific timelines that are being proposed for concurrent construction and operations at the site, and provided several suggestions for Holtec to consider in its ER. NRC staff's questions sought to clarify the expected schedules for the proposed phases of construction and operation that Holtec is planning to implement, and ensure that their analyses properly consider the impacts arising from concurrent construction and storage operations at the site. NRC staff encouraged Holtec to continue to engage NRC staff in its development of the final ER.

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

expansions and additional storage operations at the site. Holtec discussed the proposed outline of the ER, which included a discussion of the data sources, both existing and newly-generated, that they propose to use to describe the affected environment, and a detailed discussion of the methodologies that they intend to use to describe and quantify the environmental impacts from the construction, operation and decommissioning of the facility. Holtec concluded its presentation with a summary of the preliminary environmental findings it has made based on the proposed activities at the site.

Following Holtec’s presentation, NRC staff asked questions related to the proposed timelines, scope, and methodologies to be used in the proposed ER. NRC staff questions for Holtec focused on the specific timelines that are being proposed for concurrent construction and operations at the site, and provided several suggestions for Holtec to consider in its ER. NRC staff’s questions sought to clarify the expected schedules for the proposed phases of construction and operation that Holtec is planning to implement, and ensure that their analyses properly consider the impacts arising from concurrent construction and storage operations at the site. NRC staff encouraged Holtec to continue to engage NRC staff in its development of the final ER.

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.

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DISTRIBUTION:

DSFM r/f  
NRC attendees

**ADAMS Package No. ML17006A243    Memo: ML17006A244    Slides: ML17006A245**

<b>OFC:</b>	DSFM	DSFM	DSFM
<b>NAME:</b>	JCuadrado	WWheatley	JMcKirgan
<b>DATE:</b>	1/5/2016	1/5/2016	1/6/2016

**OFFICIAL RECORD COPY**

December 6, 2016  
ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Jose Cuadrado	NRC/DSFM
Mark Lombard	NRC/DSFM
John McKirgan	NRC/DSFM
Anthony Hsia	NRC/DSFM
Meraj Rahimi	NRC/DSFM
Jill Caverly	NRC/FCSE
Cinthya Roman	NRC/FCSE
James Park	NRC/FCSE
Stefan Anton	Holtec
Kim Manzione	Holtec
Ed Mayer	Holtec
Maher Itani	Tetra Tech
Henry Garson	Tetra Tech
Jay Rose	Tetra Tech
Miriam Juckett	CNWRA/SWRI
Abe Zeitoun	SC&A, Inc.
<b>(Participating by phone)</b>	
Carlyn Greene	UX Consulting
Christine Pineda	NRC/FCSE
Joy Russell	Holtec

**ENCLOSURE 2: Holtec Presentation Slides**

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

**December 6, 2016**