



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

January 24, 2019

MEMORANDUM TO: Christopher M. Regan, Deputy Director
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Yen-Ju Chen, Sr. Project Manager /RA/
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF JANUARY 16, 2019, PARTIALLY CLOSED PRE-APPLICATION MEETING WITH HOLTEC INTERNATIONAL TO DISCUSS PROPOSED AMENDMENT APPLICATION TO CERTIFICATE OF COMPLIANCE NO. 1014 FOR HI-STORM 100 MULTIPURPOSE CANISTER STORAGE SYSTEM

On January 16, 2019, staff from the Division of Spent Fuel Management held a partially closed pre-application 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 discuss Holtec's plan to submit an amendment application to Certificate of Compliance (CoC) No. 1014 for the HI-STORM 100 Multipurpose Canister Storage System. A portion of the meeting was closed to discuss proprietary information. No regulatory decisions were made nor requested at this meeting.

The meeting was noticed on December 18, 2018 (Agencywide Document Access and Management System Accession No. ML18352A968). The attendance list is provided in Enclosure 1. The presentation slides are provided in Enclosure 2 (public) and Enclosure 3 (proprietary).

During the open portion of the meeting, Holtec provided a summary of its proposed amendment to CoC No. 1014. Holtec proposed to add the new HI-STORM Version E overpack, add the new HI-TRAC Version MS, add MPC-32M basket to the system, change CoC Condition 3, add additional fuel classes, add an optional HI-DRIP auxiliary cooling system, use partial gadolinium credit for criticality analysis, clarify source term methodology for site-specific evaluations, modify long-term storage condition ambient temperature, and remove non-mechanistic tip-over shielding analysis. Holtec indicated that the proposed changes would not exceed previously approved design basis limits.

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Staff noted that the specifications for different versions of HI-STORM overpack and HI-TRAC should be clearly documented to facilitate the application review, implementation, and inspection. Staff also noted that new data developed from other dockets for material fracture toughness should be incorporated into the amendment request as applicable. Since this amendment contains numerous proposed changes, staff may consider a post-submittal meeting to further discuss the technical details and review priority and schedule.

Staff responded to the public's questions on gadolinium credit and ambient temperature, as well as the process for the general licensee to change the registration of a dry spent fuel storage cask from one amendment to another amendment.

During the closed portion of the meeting, Holtec provided a proprietary discussion of the proposed changes. Staff asked questions related to the technical details of the application.

Docket No.: 72-1014

CAC: 001028

EPID: L-2018-LLA-0302

Enclosures:

1. Attendance List
2. Public Presentation Slides
3. Proprietary Presentation Slides

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DOCUMENT DATE: January 24, 2019

DISTRIBUTION:

DSFM r/f

NRC attendees

This closes EPID: L-2018-LLA-0302.

ADAMS Package No. ML19024A047 Memo: ML19024A050

OFFICE:	DSFM	DSFM	DSFM
NAME:	YChen	WWheatley*	BWhite for JMcKirgan
DATE:	1/22/19	1/24/19	1/24/19

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ATTENDANCE LIST

January 16, 2019

<u>Name</u>	<u>Affiliation</u>
Tae Ahn	NRC/DSFM
Joseph Borowsky	NRC/DSFM
Jimmy Chang	NRC/DSFM
Yen-Ju Chen	NRC/DSFM
Darrell Dunn	NRC/DSFM
JoAnn Ireland	NRC/DSFM
Antonio Rigato	NRC/DSFM
Ricardo Rodriguez	NRC/DSFM
David Tang	NRC/DSFM
Travis Tate	NRC/DSFM
Stefan Anton	Holtec
Jeff Brown	Holtec
Rahur Jhaver	Holtec
Kimberly Manzione	Holtec
Debabrata Mitra-Majumdar	Holtec
Abrar Mohammad	Holtec
Praveer Nidalamuri	Holtec
Venkat Prabhala	Holtec
Nathan Roskoff	Holtec
Hunter Smith	Holtec
Joyce Tomlinson	Holtec
Nikhil Varma	Holtec

(Participating by phone)

Caylee Kenny	NRC/DSFM
Veronica Wilson	NRC/DSFM
Behrooz Khorsandi	Holtec
Jan Boudart	Nuclear Energy Information Service
Donna Gilmore	San Onofre Safety
Carlyn Greene	Spent Fuel UxC
Anthony Leshinskie	State of Vermont