



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

December 9, 2022

MEMORANDUM TO: Carrie Safford, Deputy Director
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Chris Allen, Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: SUMMARY OF NOVEMBER 10, 2022, PUBLIC MEETING WITH
HOLTEC INTERNATIONAL, LLC TO DISCUSS AMENDMENT NO. 10
TO CERTIFICATE OF COMPLIANCE NO. 1032

William C. Allen Signed by Allen, William
on 12/09/22

Background

This was an Observation public meeting between Holtec, and U.S. Nuclear Regulatory Commission (NRC) staff to discuss Amendment No. 10 to Certificate of Compliance No. 1032. Regulatory commitments were not made at the meeting. The meeting was noticed on October 31, 2022 (Agencywide Documents Access and Management System {ADAMS} Accession No. ML22300A166). The list of meeting attendees is provided in Enclosure 1. The publicly available meeting presentation slides are available in ADAMS and can be accessed using accession number ML22307A204.

Meeting Summary

On November 10, 2022, the NRC staff held a public meeting with Holtec representatives. The discussion followed the agenda provided in Enclosure 2. After Holtec made their public technical discussion, the public portion of the meeting subsequently ended since members of the public did not attend the meeting. During the closed portion of the meeting, NRC personnel asked several structural questions related to the forces acting on the bolts which secure the lower overpack to the independent spent fuel storage installation (ISFSI) pad as well as the bolts which connect the lower and upper overpacks. In addition, NRC personnel asked about forces acting on the ISFSI pad itself. NRC personnel also asked about analyses associated with the forces acting on both the bolts and the ISFSI pad. Since a general licensee would have the ability to use the stackable version of the HI-STORM FW system on an ISFSI pad built for an earlier amendment, NRC personnel also asked about the implications of bolting the new overpack design into an existing ISFSI pad.

In response to NRC personnel questions, Holtec provided clarifying information related to overpack vents and assumptions associated with the hypothetical accident fire scenario. NRC personnel also commented on Holtec's approach in demonstrating that the higher heat loads satisfied the regulatory requirements. In addition, Holtec provided some insight on how they intended to incorporate the thermal topical report into the amendment.

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Holtec provided some clarifying information related to the shielding evaluation in response to questions from NRC personnel, and also discussed how the shielding topical report might be incorporated into the amendment. Since the proposed changes neither impacted the confinement nor the criticality technical disciplines, these subjects were not discussed. After discussing submittal timing and the requested review time, the meeting was adjourned.

Docket No.: 72-1032

EPID No. L-2022-LRM-0082

Enclosures:

1. Meeting Attendees
2. Agenda

MEETING ATTENDEES

NAME	AFFILIATION	NAME	AFFILIATION
Damaris Marcano	U.S. Nuclear Regulatory Commission (NRC)	Neil Sheehan	NRC
Yong Kim	NRC	Daniel Fiedorek	NRC
Chris Allen	NRC	Nathan Denney	NRC
Chris Bajwa	NRC	Stefan Anton	Holtec
Joe Borowsky	NRC	Kimberly Manzione	Holtec
Omar Khan	NRC	Warren Agace	Holtec
Patrick Koch	NRC	Chuck Bullard	Holtec
Janine Smith	NRC	Abrar Mohammad	Holtec
Alexis Sotomayor- Rivera	NRC	Nadiya Kirillova	Holtec
Bharatkumar Patel	NRC	Khalil Wise	Holtec
Kelly Sullivan	NRC	Sergei Fomov	Holtec
Brian Wagner	NRC	Keerti Kumar	Holtec
Jon Woodfield	NRC	Raja Maheedhara	Holtec
Logan Crevelt	NRC	Bhavana Valeti	Holtec

AGENDA
Meeting between Holtec and the
U.S. Nuclear Regulatory Commission
April 20, 2022
9:00 A.M – 11:00 A.M.

1. Opening Remarks
2. Public Technical Presentation
3. Public Questions & Comments
4. Proprietary Technical Presentation
5. Closing Remarks