



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

October 21, 2015

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

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

SUBJECT: SUMMARY OF SEPTEMBER 9, 2015, PRE-APPLICATION MEETING
WITH HOLTEC INTERNATIONAL, INC., TO DISCUSS AMENDMENT
NO. 3 TO CERTIFICATE OF COMPLIANCE NO. 1008, FOR THE HI-
STAR 100 STORAGE SYSTEM

On September 9, 2015, staff from the Division of Spent Fuel Management held a public pre-application meeting with representatives from Holtec International, via teleconference, at the U.S. Nuclear Regulatory Commission (NRC) Headquarters in Rockville, MD. The purpose of the meeting was to discuss Holtec's proposed application for Amendment No. 3 to Certificate of Compliance No. 1008 for the HI-STAR 100 Storage System. No regulatory decisions were made nor requested at this meeting.

During its presentation, Holtec discussed in detail the scope of the changes to the certificate of compliance requested in its application. The amendment application requests to amend the HI-STAR 100 certificate to allow the storage of existing multi-purpose canister (MPCs) already approved for storage in the HI-STORM 100 System. The amendment also seeks to align the contents of the HI-STAR 100 storage certificate of compliance with the HI-STAR 100 current transportation certificate. The application also seeks to include the use of Metamic as an authorized neutron absorber material, include soluble boron credit for the MPC-24 and MPC-32 canisters, include forced helium dehydration as an option for cask drying, and authorize horizontal storage of the HI-STAR 100 cask system.

During the discussions, NRC staff asked questions related to the technical details of the application and, where necessary, discussed relevant guidance and regulatory requirements, and provided clarification to the applicant of the staff's expectations for the safety analyses. Specifically, the staff sought additional details of Holtec's proposed contents for the new MPC-32 canister to be added to the HI-STAR 100. During the conversation, Holtec discussed that the heat load and fuel burnup for the MPC-32 canister would be lower than those authorized in the HI-STORM 100 System, to account for the reduced heat removal capacity of the HI-STAR 100 metal overpack. Holtec stated that it expects to submit the amendment application by late September 2015.

T. Hsia

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

Docket No. 72-1008

TAC No. L25048

Enclosures:

1. Attendance List
2. Meeting Slides

T. Hsia

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

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DISTRIBUTION: (closes TAC No. L25048)

NRC attendees MSampson

G:/SFST/Cuadrado/Holtec/Meeting Summary 9-9-15.docx

ADAMS Package No. ML15296A141 Memo: MI15296A143 Slides: ML15296A147

OFC:	DSFM		DSFM		DSFM	
NAME:	JCuadrado		WWheatley		MSampson	
DATE:	10/20/15		10/20/15		10/21/15	

OFFICIAL RECORD COPY

September 9, 2015
ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Jose Cuadrado	NRC/DSFM
Meraj Rahimi	NRC/DSFM
Christian Araguas	NRC/DSFM
John Goshen	NRC/DSFM
Michele Sampson	NRC/DSFM
Dave Tarantino	NRC/DSFM
Al Csontos	NRC/DSFM
Jorge Solis	NRC/DSFM
Pierre Saverot	NRC/DSFM
Joe Borowski	NRC/DSFM
David Tang	NRC/DSFM
Bob Tripathi	NRC/DSFM
Chris Allen	NRC/DSFM
Jack Guttmann	NRC/DSFM
Angela Coggins	NRC/OGC
Carlyn Greene	UXC Publications
Stefan Anton	Holtec International

ENCLOSURE 2: Holtec SLIDES
“HI-STAR 100, Part 72 Storage License Amendment Request,
Pre-submittal Presentation to NRC”
September 9, 2015