

May 04, 2004

MEMORANDUM TO: Larry Camper, Deputy Director  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

THRU: John D. Monninger, Chief /RA/  
Licensing Section  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

FROM: Adrienne Lester /RA/  
Licensing Section  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF APRIL 28, 2004, MEETING WITH HOLTEC  
INTERNATIONAL REGARDING THE APPLICATION FOR  
AMENDMENT 3 TO THE HI-STORM 100 DRY CASK STORAGE  
SYSTEM (TAC NO. L23729)

On April 28, 2004, the Nuclear Regulatory Commission (NRC) staff from the Spent Fuel Project Office and the Office of Nuclear Regulatory Research met with representatives of Holtec International (Holtec) at NRC Headquarters in Rockville, Maryland. The meeting was closed to the public at the request of Holtec due to the proprietary nature of the material being discussed. The purpose of the meeting was to discuss the proposed application for Amendment 3 to the 10 CFR Part 72 Certificate of Compliance (CoC) for the HI-STORM 100 dry cask storage system described as the HI-STORM 100U. The meeting was noticed on April 19, 2004. Attachment 1 is a list of attendees and Attachment 2 is the meeting agenda.

Holtec began the meeting with a discussion of design features of the HI-STORM 100U system. The design features are a first-of a-kind for which Holtec has requested patent protection from the United States Trademark and Patent Office. It was stated that the new design will reference calculations and analyses described in the proposed HI-STORM 100 Amendment 2 application currently under review by the staff. A summary of the technical evaluations for the HI-STORM 100U design were presented which included: operations, criticality, confinement, structural, thermal, shielding and radiation protection, inspections, testing, and maintenance.

The staff commented that issues pertaining to review of the HI-STORM Amendment 2 application have not yet been resolved. Because the HI-STORM 100U design relies upon similar analytical methods described in the proposed HI-STORM Amendment 2, common issues with approval of the HI-STORM 100U design would be likely. Therefore, the NRC proposed that Holtec consider delaying submittal of the proposed HI-STORM Amendment 3 application for the 100U design until issues involving HI-STORM Amendment 2 have been resolved. No regulatory decisions were made by the NRC on the material presented during the meeting.

Docket No. 72-1014  
TAC NO. L23729

Attachments: 1. Attendance List  
2. Agenda

The staff commented that issues pertaining to review of the HI-STORM Amendment 2 application have not yet been resolved. Because the HI-STORM 100U design relies upon similar analytical methods described in the proposed HI-STORM Amendment 2, common issues with approval of the HI-STORM 100U design would be likely. Therefore, the NRC proposed that Holtec consider delaying submittal of the proposed HI-STORM Amendment 3 application for the 100U design until issues involving HI-STORM Amendment 2 have been resolved. No regulatory decisions were made by the NRC on the material presented during the meeting.

Docket No. 72-1014  
TAC NO. L23729

- Attachments: 1. Attendance List
- 2. Agenda

ML041260289

DISTRIBUTION:  
NRC File Center  
SGagner, OPA

PUBLIC  
EEaston

NMSS R/F  
NJensen, OGC

SFPO R/F  
NRC attendees (email)

G:\SFPO\acl\holtec meeting summ.wpd

(closes TAC NO. L23729)

<b>OFC</b>	SFPO		SFPO		SFPO		SFPO	
<b>NAME</b>	ALester	EZiegler	CRegan	JMonninger				
<b>DATE</b>	05/ 3 /04	05/ 4 /04	05/ 4/04	05/ 4/04				

Official Record Copy

## **Attachment 1**

## **Attendee List**

**Pre-Application Meeting for Proposed Amendment 3 for the Holtec HI-STORM 100  
LAR-1014**

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Adrienne Lester	NRC/NMSS/SFPO
John Monninger	NRC/NMSS/SFPO
Christopher Regan	NRC/NMSS/SFPO
Jack Guttman	NRC/NMSS/SFPO
Elaine Keegan	NRC/NMSS/SFPO
David Tang	NRC/NMSS/SFPO
Allen Hansen	NRC/NMSS/SFPO
Jorge Solis	NRC/NMSS/SFPO
Antonio Diaz	NRC/NMSS/SFPO
Kim Hardin	NRC/NMSS/SFPO
Scott Gordon	NRC/NMSS/SFPO
Ken Erwin	NRC/NMSS/SFPO
Mahendra Shah	NRC/NMSS/SFPO
Ray Wharton	NRC/NMSS/SFPO
Bob Shewmaker	NRC/NMSS/SFPO
Henry Lee	NRC/NMSS/SFPO
Charles Interrante	NRC/NMSS/SFPO
Geoff Hornseth	NRC/NMSS/SFPO
G.E. Gundersen	NRC/NMSS/SFPO
Andrew Barto	NRC/NMSS/SFPO
Neil Jensen	NRC/OGC
Ghani Zigh	NRC (RES)
Larry Camper	NRC/NMSS/SFPO
Wayne Hodges	NRC/NMSS/SFPO
Bill Brach	NRC/NMSS/SFPO
Tom Michener	PNNL
Harold Adkins	PNNL
D. Mitra-Majumdar	Holtec
Everett Redmond	Holtec
Luis Hinojosg	Holtec
Brain Gutherman	Holtec
Kris Singh	Holtec
Steve Agace	Holtec
Alan Soler	Holtec
John Griffiths	Holtec

**Attachment 2**

**Meeting Agenda**

**MEETING BETWEEN  
HOLTEC INTERNATIONAL  
AND THE NUCLEAR REGULATORY COMMISSION**

**April 28, 2004**

**TOPICS**

1. Introductions
2. Overview of the new overpack design
3. Summary of technical evaluations
4. Proposed approach to submittal packaging
5. Review schedule/Future meetings (Holtec & NRC)
6. Closing remarks