

January 23, 2006

MEMORANDUM TO: William H. Ruland, Deputy Director  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

FROM: Christopher M. Regan, Senior Project Manager  
Licensing Section /RA/  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF JANUARY 19, 2006, MEETING WITH HOLTEC  
INTERNATIONAL REGARDING PROPOSED AMENDMENT 4 TO THE  
HI-STORM 100 CERTIFICATE OF COMPLIANCE 1014 (TAC NO.  
L23923)

On January 19, 2006, the Nuclear Regulatory Commission (NRC) staff from the Spent Fuel Project Office met with representatives of Holtec International (Holtec) at NRC Headquarters in Rockville, Maryland. The purpose of the meeting was to provide Holtec the opportunity to present an overview of the Holtec 10 CFR Part 72 Certificate of Compliance (CoC) amendment request 4 for the HI-STORM 100 dry cask storage system. The meeting was noticed on January 9, 2006. Enclosure 1 is a list of attendees, Enclosure 2 contains the Holtec presentation slides.

Holtec presented to the staff an overview of the seven proposed changes to the HI-STORM 100 dry cask storage system. Holtec stressed that the proposed changes were minor changes and would not result in any changes to the bounding design analyses. The changes are to clarify certain language in the CoC and provide for ease in application of the licensing requirements by users of the design. Holtec indicated that changes 4 and 6 are the most important of the requested changes. Holtec also recognized that proposed change 2 is being addressed by the staff under proposed Amendment 3 to the HI-STORM dry cask storage system CoC. The staff was concerned with an editorial revision listed in change 1 and the potential for using a structure that was different from the originally approved "flexible channel" design. Holtec stated that the new language, "supports," and any design implemented under this new language, would remain bounded by the currently approved design analyses.

The staff requested confirmation that the Final Safety Analysis Report (FSAR) of record to which the Amendment 4 application is to be reviewed against by the staff is FSAR Revision 3. The HI-STORM 100 FSAR Revision 3 does not include the HI-STORM 100U design. Review against FSAR Revision 3 was confirmed by Holtec but indicated that should the HI-STORM 100 Amendment 3 application be approved first that Holtec would like to include the CoC Amendment 3 changes in the Amendment 4 application. This would be done to incorporate all of the most recent approvals into a single currently approved CoC. The staff stated that this could be done but that an additional submittal from Holtec would be required indicating the new information, approved by Amendment 3, to be incorporated into the Amendment 4 approval. The staff had some concerns regarding this potential request and the timing of the approvals

but reserved judgement to a time nearer completion of the technical review activities for both Amendments as to whether Holtec's request could be satisfied. Holtec indicated that after issuance of a final Amendment 3 approval they would issue FSAR Revision 4 and not wait until the bi-annual FSAR update was due as required by 10 CFR 72.248. The staff had no further questions.

In summary, the staff thanked Holtec for the material that was presented. No regulatory decisions were made by the NRC during the meeting on the material presented. There were no questions from the members of the public.

Docket No. 72-1014  
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Enclosures: 1. Attendance List  
2. Presentation Slides

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<b>OFC</b>	SFPO		SFPO		SFPO	
<b>NAME</b>	CRegan		EZiegler		RNelson	
<b>DATE</b>	01/23/06		01/23/06		01/23/06	

**Official Record Copy**

## **Attachment 1**

## **Attendee List**

**Meeting with Holtec International  
HI-STORM 100 Amendment 4 Overview  
January 19, 2006**

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Christopher Regan	NRC/NMSS/SFPO
Jorge Solis	NRC/NMSS/SFPO
Bob Tripathi	NRC/NMSS/SFPO
Ben Wilson	NRC/NMSS/SFPO
Geoff Hornseth	NRC/NMSS/SFPO
Bob Shewmaker	NRC/NMSS/SFPO
Larry Campbell	NRC/NMSS/SFPO
Gordon Bjorkman	NRC/NMSS/SFPO
Jeremy Smith	NRC/NMSS/SFPO
Bernie White	NRC/NMSS/SFPO
Stephan Anton	Holtec International
Everett Redmond II	Holtec International
Debu Mitra-Majumdar	Holtec International
Carlyn Greene	Spent Fuel
Thecla Fabian	Fuel Cycle Week

## **Attachment 2**

### **Presentation Slides**