

July 12, 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: Christopher M. Regan, Project Manager /RA/  
Licensing Section  
Licensing and Inspection Directorate  
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF JUNE 14, 2004 MEETING WITH HOLTEC  
INTERNATIONAL REGARDING THE APPLICATION FOR  
AMENDMENT 2 TO THE HI-STORM 100 CERTIFICATE OF  
COMPLIANCE (TAC NO. L23657)

On June 14, 2004, 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 discuss the current status of the staff review and continued staff concerns related to the thermal analyses performed by Holtec for Amendment 2 to the 10 CFR Part 72 Certificate of Compliance (CoC) for the HI-STORM 100 dry cask storage system. The meeting was noticed on June 2, 2004. At the request of Holtec a portion of the meeting was closed to the public due to the proprietary nature of the material being discussed. Attachment 1 is a list of attendees, Attachment 2 contains the non-proprietary meeting handouts and Attachment 3 contains the proprietary meeting handouts.

In March 23, 2004, and May 4, 2004, letters to Holtec the NRC described the results of confirmatory calculations and analyses performed by the staff in support of its review of the Holtec Amendment 2 application. The staff's analysis results were not in agreement with the Holtec analysis results. The staff met previously with Holtec on April 1, 2004, to discuss the thermal issues. Subsequent to the meeting and the March 23, 2004, and May 4, 2004, letters, Holtec provided the staff with additional calculations that modified their analysis and provided additional bases to justify their analysis approach.

At the meeting the staff summarized the key thermal issues that continue to be a concern to the staff. Following the staff's presentation Holtec presented its perspective of the issues and presented additional analysis which was designed to address the issues noted by the staff. Holtec agreed to provide the NRC, in writing, details of the material specific to the key thermal issues presented at the meeting. Holtec also agreed to re-examine some additional issues the staff highlighted during the discussions.

At the conclusion of the meeting the staff briefly explained the potential scheduling implications of the protracted review of the thermal issues. The staff informed Holtec that the staff would use the information presented by Holtec to determine how to proceed with the HI-STORM 100 Amendment 2 review.

No regulatory decisions or commitments were made by NRC during the meeting.

Docket No. 72-1014

TAC NO. L23657

- Attachments:
1. Attendance List
  2. Non-Proprietary Versions of Meeting Handouts
  3. Proprietary Versions of Meeting Handouts

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OFC:	SFPO		SFPO		SFPO	
NAME:	CRegan		EZiegler		JMonninger	
DATE:	7/ 1 /04		7 / 1/04		7/ 12 /04	

OFFICIAL RECORD COPY

**Attachment 1**

**Attendance List**

**Holtec HI-STORM 100 Dry Storage System Amendment 2 Thermal Issues Meeting**  
**June 14, 2004**

**ATTENDANCE LIST**

<u>Name</u>	<u>Affiliation</u>
Christopher Regan	NRC/NMSS/SFPO
Bill Brach	NRC/NMSS/SFPO
Larry Camper	NRC/NMSS/SFPO
Wayne Hodges	NRC/NMSS/SFPO
John Monninger	NRC/NMSS/SFPO
Jack Guttman	NRC/NMSS/SFPO
Jorge Solis	NRC/NMSS/SFPO
Antonio Diaz	NRC/NMSS/SFPO
Allen Hansen	NRC/NMSS/SFPO
Nima Ashkeboussi	NRC/NMSS/SFPO
Kris Singh	Holtec
Stefan Anton	Holtec
Debu Mitre-Majumdar	Holtec
Indresh Rampall	Holtec
Evan Rosenbaum	Holtec (Remote)
Terry Sides	Southern Nuclear
Maureen Conley	McGraw Hill
Andrea Jennetta	Fuel Cycle Week