

February 21, 2002

MEMORANDUM TO: Charles L. Miller, Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: Timothy Kobetz, Project Manager /RA/
Licensing Section
Spent Fuel Project Office, NMSS

SUBJECT: SUMMARY OF THE FEBRUARY 12, 2002, MEETING BETWEEN THE
NUCLEAR REGULATORY COMMISSION STAFF AND HOLTEC
INTERNATIONAL (TAC NO. L23412)

On February 12, 2002, a meeting was held between the Nuclear Regulatory Commission (NRC) staff and representatives of Holtec International (Holtec) to discuss Holtec's plans to amend Certificate of Compliance (CoC) No. 1014 for the HI-STORM 100 dry cask storage system. Holtec plans to submit an amendment to CoC No. 1014 in early March 2002. Attachment 1 is an attendance list. This meeting was noticed on January 31, 2002.

The meeting was divided into a non-proprietary segment and a proprietary segment. During the non-proprietary segment, Holtec addressed the following issues (see Attachment 2 for presentation slides):

- Holtec described the process it is implementing to control design changes to casks that have amendments under review by NRC. NRC management and staff cautioned Holtec that changes to cask designs during the amendment review process may result in schedule delays.
- Holtec stated that it would be submitting an amendment to the HI-STORM 100 that will include increasing the approved heat load that can be stored in the cask, modifying technical specifications to control radiological dose and contamination levels, new exceptions to ASME Code, changes to the neutron absorber materials, modify heat load limits for the cask, and include the storage of high burnup fuel with advanced zirconium based cladding.
- Holtec initially planned to submit the amendment by February 28, 2002, however, stated that it may not be submitted until March 2002 to ensure completeness of the application.

At the conclusion of the non-proprietary meeting Holtec presented a brief overview of the content of the proprietary meeting. This overview was intended to provide members of the public, in attendance, insight into the type of information that would be discussed. At the conclusion of this presentation, NRC asked for comments and questions from the public audience. No questions or comments were received.

During the proprietary discussions Holtec presented modifications to its methodologies for the thermal analysis, criticality analysis, dose analysis, and confinement analysis. These

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modifications will be necessary for Holtec to demonstrate the HI-STORM 100 system will be able to safely store high burnup fuel with greater temperatures than that previously approved by NRC.

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

Docket No. 72-1014

Attachments: 1. Attendance List
2. Holtec Presentation Slides

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 C:\Program Files\Adobe\Acrobat 4.0\PDF Output\2-14-02, Meeting Summary.wpd *see previous
 concurrence

OFC:	SFPO	E	SFPO	E	SFPO	
NAME:	TKobetz*		EZiegler		JMonniger	
DATE:	02/21/02		02/21/02		02/21/02	

OFFICIAL RECORD COPY

Attachment 1
Attendance List

**February 12, 2002, Meeting
between the Nuclear Regulatory Commission,
and Holtec International.**

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Charles Miller	NRC/NMSS/SFPO
Wayne Hodges	NRC/NMSS/SFPO
Tim Kobetz	NRC/NMSS/SFPO
John Monninger	NRC/NMSS/SFPO
Julia Myers	NRC/NMSS/SFPO
Christopher Regan	NRC/NMSS/SFPO
Paul Narbut	NRC/NMSS/SFPO
Carl Withee	NRC/NMSS/SFPO
Jorge Solis	NRC/NMSS/SFPO
Kris Singh	Holtec
Brian Guthermann	Holtec
Kris Cummings	Holtec
Stefan Anton	Holtec
Indresh Rampall	Holtec
Everett Redmond	Holtec
Terry Grebel	Pacific Gas and Electric
Terry Sides	Southern Nuclear
Andrea Jennetta	WNC/Spent Fuel
Maureen Conley	Platts/McGraw Hill

Attachment 2

Holtec Presentation Slides