

April 9, 2008

MEMORANDUM TO: Nader Mamish, Deputy Director  
Licensing and Inspection Directorate  
Division of Spent Fuel Storage and Transportation, NMSS

FROM: Stewart W. Brown, Senior Project Manager **/RAI/**  
Licensing Branch  
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: SUMMARY OF THE MARCH 21, 2008, MEETING WITH HOLTEC  
INTERNATIONAL TO DISCUSS THE STRUCTURAL PORTION OF  
NRC'S REQUEST FOR ADDITIONAL INFORMATION DATED  
FEBRUARY 28, 2008

#### Background

On March 21, 2008, U.S. Nuclear Regulatory Commission (NRC or staff) met with Holtec International (Holtec) representatives in Rockville, Maryland. The purpose of this meeting was to discuss the structural portion of staff's request for additional information (RAI) dated February 28, 2008 (ML080640507). This RAI was issued because the staff determined that it needed additional information to complete its technical review of Holtec's request for inclusion of a subsurface design option to the HI-STORM100 spent fuel dry cask storage system (HI-STORM 100U) (Certificate of Compliance (CoC) No. 1014 Amendment No. 6).

The meeting was noticed on March 6, 2008 (ADAMS No. ML080660507). A copy of the list of meeting attendees is enclosed (Enclosure 1).

#### Discussion

On March 20, 2008, Holtec emailed its "General Response 3I" in preparation for the meeting. A copy of this document is enclosed (Enclosure 2). The staff in its introductory remarks noted that no regulatory decisions would be made in the meeting and that the purpose of the meeting was to discuss approaches that Holtec may use to respond to staff RAI questions. After the staff's introductory remarks Holtec provided a presentation indicating how it intended to approach responding to the staff's structural related questions. A copy of Holtec's slides is enclosed (Enclosure 3). After considerable discussion Holtec proposed an approach to address the staff's informational needs related to Holtec's structural analysis modeling. The staff agreed with Holtec's proposed approach. However, the staff reserves its final decision until it reviews the results of the analysis model. A copy of Holtec's proposed approach is enclosed (Enclosure 4). The staff suggested that Holtec consider another meeting with the staff prior to submitting the formal response to the RAI, Holtec agreed.

Enclosures: 1. List of Attendees  
2. Holtec's Email  
3. Holtec's Presentation  
4. Holtec's Approach

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