



### CONVERSATION RECORD

NAME OF PERSON(S)/TITLE CONTACTED OR IN CONTACT WITH YOU		DATE OF CONTACT	TYPE OF CONVERSATION	
See below.		08/11/2022	<input type="checkbox"/> E-MAIL <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input type="checkbox"/> OUTGOING	
E-MAIL ADDRESS		TELEPHONE NUMBER		
ORGANIZATION		DOCKET NUMBER(S)		
Holtec International, Inc.		07201032		
LICENSE NAME AND NUMBER(S)		MAIL CONTROL NUMBER(S)		
SUBJECT				
Clarification call with Holtec on RAI response for HI-STORM FW Amendment 7 application				
SUMMARY AND ACTION REQUIRED (IF ANY)				
<p>NRC attendees: Jimmy Chang, Yen-Ju Chen, Zhian Li, Alexis Sotomayor-Rivera, Jon Woodfield                  Holtec attendees: Anveshan Bommareddi, Denise Elisio, Andrew Fernsten, Sergiy Fomov, Vadym Makodym, Kimberly Manzione, Abrar Mohammad, Nikhil Varma</p> <p>On July 11, 2022, Holtec provided RAI responses for thermal, shielding, and operations for HI-STORM FW Amendment 7. This meeting is to clarify staff's questions on some of the RAI responses.</p> <p>RAI 4-2. Staff asked for clarification on the applicability of MPCs to ventilated and unventilated overpacks. Holtec stated that only MPC-37 (standard), MPC-89 (standard and CBS), and the new MPC-44 (CBS) will be used in the new unventilated overpack. The new MPC-37P (CBS) will be used in the ventilated Version E overpack.  <b>ACTION: Holtec will update the table in response to RAI 4-3 to clarify MPC applicability.</b></p> <p>RAI 4-4. Staff asked for the revised table 1.2.3c which was not included in the response.  <b>ACTION: Holtec will provide the revised table.</b></p> <p>RAI 4-5. Staff asked Holtec to provide additional information in the Drawing 12283 to ensure implementation.  <b>ACTION: Holtec will look into it and provide better description on Note 2 of FSAR table 1.2.8b.</b></p>				
NAME OF PERSON DOCUMENTING CONVERSATION				
Yen-Ju Chen				
SIGNATURE			DATE OF SIGNATURE	

CONVERSATION RECORD (continued)

LICENSE NAME AND NUMBER(S)

MAIL CONTROL NUMBER(S)

SUMMARY AND ACTION REQUIRED (IF ANY) (Continued)

RAI 4-8. The staff discussed the different temperature limits used for the overpack and inner shell as noted in FSAR table 2-3. Holtec stated these temperature limits are informed by safety analyses. Some analyses were done at higher temperatures, so higher temperatures were used as the limits. No action is needed.

RAI 5-1. Holtec applied a penalty to compensate the increased source terms from the new 10x10J fuel which is heavier than the design basis assembly. The staff asked Holtec to provide justification for the choice of penalty.

**ACTION: Holtec will consider the differences in source terms associated with the heavier fuel assembly, burnup profile, and moderator in the penalty calculation, and provide justification for the choice of penalty.**

RAI 9-1(a). Holtec clarified a typographical error in FSAR.

**ACTION: Holtec will correct it.**

RAI 9-1 (b). The staff noted that the studs with nuts through the VCT anchor blocks cannot be so tight that they crush the gasket under the overpack lid.

**ACTION: Holtec will look into it and provide a caution note.**