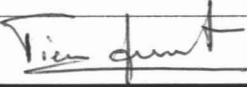


NRC FORM 699 (9-2003)		U.S. NUCLEAR REGULATORY COMMISSION		DATE
CONVERSATION RECORD				06/10/2009
				TIME
				2:00pm
NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU		TELEPHONE NO.		TYPE OF CONVERSATION <input type="checkbox"/> VISIT <input type="checkbox"/> CONFERENCE <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING
Luis Hinojosa, John Griffiths		856-797-0900		
ORGANIZATION				
Holtec International				
SUBJECT				
Containment RAIs for the HI-STAR 180 package				
SUMMARY (Continue on Page 2)				
NRC Attendees: JoAnn Ireland, Pierre Saverot				
Holtec requested this teleconference call to have a better understanding of the Request for Additional Information (RAI) related to the containment of the HI-STAR 180 package.				
RAI 4-1: Staff said that it was unclear how the outer seals of the inner lid and vent and drain ports could be tested using the inter-seal test port plug. Holtec explained two different methods for testing the inner lid seal without having to remove the outer lid: (a) draw a vacuum in the space between the two seals, backfill with Helium so that Helium is injected between the 2 seals of the port cover using the inner lid space as the evacuated area. Holtec also referred to a short explanation in step 13 on page 7.1-4 of the SAR. (b) fill the gap between the lid and the top of the cask with helium, pull vacuum on the inter-seal test port and test the plug seal. Holtec said that, during and after storage, the first method is likely to be chosen, i.e., backfill the interseal space with helium and use the outer lid access port. Staff did not fully understand those explanations and requested that Holtec provides a detailed description of the testing sequence, along with a justification of the operating steps.				
RAI 4-2: In answering staff's question as to why stainless steel weld overlays did not appear to be used to protect sealing surfaces, Holtec stated that their intention is that areas such as inner lid, vent and drain port covers, etc. be all in stainless steel. Holtec referred staff to Note 15 of drawing No. 4845 that requires that sealing surfaces be overlaid and to the details, e.g., E, F, that depict the seal surfaces. Holtec stated that the top surfaces do not need to be overlaid but that the bottom surfaces do need a stainless steel weld overlay.				
RAI 4-3: Staff requested Holtec to fully describe maintenance and periodic leakage rate tests that will be performed on the package. Staff said that Table 8.1.2 on page 8.1-9 of the SAR does not include maintenance and periodic testing while Table 8.2.1 in Section 8.2.2 provide minimum information on leakage tests. Staff said that it is important to reference separately periodic and maintenance testing as different "program steps" and that more clarification is needed in both Chapters 4, 7 and 8 of the SAR to ensure that all regulatory provisions are met and that no step is skipped. Staff also said that description of periodic and maintenance tests should be consistently included in Chapter 8 (8.1, 8.2, 8.4) of the SAR to ensure consistency				
<i>Continue on Page 2</i>				
ACTION REQUIRED				
None				
NAME OF PERSON DOCUMENTING CONVERSATION		SIGNATURE		DATE
Pierre Saverot				06/11/2009
ACTION TAKEN				
TITLE OF PERSON TAKING ACTION		SIGNATURE OF PERSON TAKING ACTION		DATE

CONVERSATION RECORD (Continued)

SUMMARY (Continue on Page 3)

with ANSI N 14.5.

RAI 8-3: Staff said that one sentence would suffice to properly respond to the RAI.

RAI 8-4: Holtec agreed with staff. Table 8.2.1 of the SAR will include maintenance of all components that are part of the containment boundary.

RAI 8-5: Holtec explained that Section 8.2.2 of the SAR refers to the cover plates and "everything else". Staff stated that clarification is required to ensure that leakage testing is performed on all containment boundary seals.

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