NRC FORM 699 (9-2003) U.S. NUCLEAR REGULATORY COMMISSION

CONVERSATION RECORD

DATE: 12/15/2009

TIME: 11:00am

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU	TELEPHONE NO.
Troy Hedger, Harold Durlofsky, M. Schrag, R. Pomares	800-261-3225

ORGANIZATION: AOS

SUBJECT: Structural RAIs on the AOS Packaging System.

TYPE OF CONVERSATION
- ☐ VISIT
- ☐ CONFERENCE
- ☑ TELEPHONE
  - ☐ INCOMING
  - ☑ OUTGOING

SUMMARY *(Continue on Page 2)*

NRC Attendees: Bhasker Tripathi, Pierre Saverot

AOS requested this conference call to discuss and obtain clarification on a number of structural RAIs that were transmitted to AOS on December 10, 2009.

Regarding ST-1, staff said that (i) this is a cross-cutting issue with shielding (to maintain a minimum distance between the package and the barrier) and, (ii) stating that damage is minimal is not adequate. Staff requested detailed information to support AOS position on this topic, and said that AOS "did a better job" on the HAC evaluation than on the NCT evaluation.

Regarding ST-2, staff noted that the same RAI related to "special form" was developed by both the structural and materials reviewers and staff stated that the emphasis of this question is on "qualification", e.g., "where is the evidence that convinces staff that the package is able to transport special form materials"?

Regarding ST-3, staff indicated that it needs a justification for the reduction in the deformation values of the impact limiter. AOS came up with a deformed shape, made an analysis of each impact limiter, used the deformed shape for the thermal analysis, but did not provide adequate documentation or justification for the reduction in the deformation.

Regarding ST-8, staff is asking that AOS provides the relevant pages of the referenced paper (written in 1962) to verify its applicability.

Regarding ST-13, staff is requesting AOS to provide the numerical value of the scaled height change for the 30 ft drop, i.e, for the AOS-100 package (since the tests were conducted on the AOS-165 package.) AOS only made a comparison between a series of tables for each model and each drop condition but staff said that this is not adequate and that numerical values are required.

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ACTION REQUIRED: None

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
Pierre Saverot		12/16/2009

ACTION TAKEN

TITLE OF PERSON TAKING ACTION	SIGNATURE OF PERSON TAKING ACTION	DATE