

**From:** Tim McGinty  
**To:** James Randall Hall, Steven Baggett  
**Date:** Thu, Jun 8, 2000 11:44 AM  
**Subject:** New and Significant Maine Yankee Issue

Randy and Steve:

At today's team meeting for NAC, David Tang brought a new issue to my attention, that is potentially significant.

The MY NAC-UMS failed fuel can is "capped" (that is the lid is put on) without being secured in any manner (bolts or welded). David thinks that in response to a drop event on that end, the lid would be free to come off. Apparently, there is about 6 inches of clearance for this two inch lid within the Transportable Storage Canister.

This does not appear to be a storage issue, since it is not a concern for the tipover and it is not considered to be credible to drop the canister on that end in storage applications.

This would be a potential showstopper for licensing the TSC for transport, and application that we have not received yet, but it is clear that the TSC is desired to be transportable. It would be unwise to license and allow storage of this component knowing that it may not be licensable in transport.

The issue affects several reviews, in order of importance I would say: criticality (knowing the geometry of the contents...if the lid pops off and rubbleized fuel moves around, they are not currently analyzed for that and I don't think they intend to), thermal (rubbleized hot spots are now moving around within the TSC), structural (to the extent that structural would be necessary to evaluate a change that would keep the lid attached) and shielding.

This is similar to the issue we had a conference call with NAC yesterday, except that really don't have the option of pulling this aspect from the application. They would have the option of trying to analyze the effects in transport space, and rolling the dice on that, but the nature of the issue is such that I think we should let NAC know. This would also be fodder for a formal RAI, in my opinion, even though it is a transport concern.

Tim

**CC:** David Tang, Earl Easton

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