

**From:** Mahendra Shah  
**To:** Bernard White  
**Date:** 1/10/03 10:51AM  
**Subject:** Re: SNL Contact (Plane,s Trains & Automobiles)

Bernie:

I agree with Ron that we should minimize the additional analyses, and make reasonable judgements to come to conclusions. Thanks.

Mahendra

>>> Ron Parkhill 01/10/03 10:42AM >>>

I think we are at a point in time where we and hopefully Sandia can conclude that the jetliner crash into the Hi-storm and NAC UMS transportation casks will without the need of more and more calculations. Now SNL should be able to reasonably approximate (via hand calc and judgement) the effect of various conservatisms (e.g basket not modelled, total plane mass adding to the momentum of cask, effect of friction) to get the cask/ Then this problem will be done except for Mahendra's long requested/awaited slap down evaluation. Then we can move on to the jetliner into the other storage casks and small plane evaluations. Hopefully we are not in the typical government mode to spend all the contract money whether we need to or not.

Ex2

>>> Bernard White 01/09/03 04:39PM >>>

Jerry,

I would like to have a phone call tomorrow afternoon (our time) to have a similar discussion that we had on Tuesday on the large plane evaluation. I would like for your structural engineers (Jeff and Doug, at least) to give us a quick overview where we are and where we are going in terms of performing calculations. I think that Chris has a handle on the thermal issues (right Chris??). If not lets do that at another time because I think the structural issues will take us a significant amount of time.

Please let me know ASAP if you want to do this in a classified nature.

Thanks  
Bernie

**CC:** Daniel Huang; Earl Easton; Jack Guttman; Robert Shewmaker; Ron Parkhill

Portions Ex2

E/82