

**From:** Mahendra Shah  
**To:** Bernard White; Daniel Huang; Robert Shewmaker; Ron Parkhill  
**Date:** Thu, Sep 26, 2002 9:40 AM  
**Subject:** Re: Contingency Plan in Case the Weld on the lid fails for HI-STORM

Bernie:

Based on my discussions with Jeff Smith yesterday, the SNL has performed the revised analysis using the appropriate bolt material properties and also including the mass of the MPC and fuel basket. They were evaluating the results to determine if the bolts would break due to the landing gear impacting the lid at [unclear] and let you know. Thanks. We will discuss with Jeff and Ken today to find out the results of the evaluation

Ex 2

Mahendra

>>> Bernard White 09/26/02 07:36AM >>>

In our discussion last week with Wayne and Jack we mentioned possible failure of the weld that holds the lid and the canister together inside the overpack. If that weld were to fail we would get a breach of containment and it seems to be the consensus that that weld is the weak structural point of the canister.

Mahendra/Dan have you had any further indication from SNL regarding whether the lid will come off for either a tipover event or wheel strut

Ex 2

Stephanie/Elaine, if in fact this is the case and the weld does fail, then we need to have methodology for evaluating the dispersal and off-site consequences for these scenarios. Lets get together next week, when Stephanie returns from SNL, to discuss this issue. Since I am going to SNL the following week, I can have a similar discussion with them.

Bernie

**CC:** Earl Easton; Jack Guttmann

Portions: Ex 2

E/42