

### SFPO Progress to-date

- Large Plane Impact with Storage System
  - Evaluated HI-STORM 100
  - Evaluated NAC UMS Rail Transport Package
  - 3 Storage systems still to be evaluated
- ( ) Ex2
  - Evaluated same storage cask and transport package
  - Ex2
  - Currently Evaluating CNS 1-13CII (resin bead package)
- ( ) Ex2

### Spent Fuel Storage and Transport Large plane evaluation

- Spent fuel jetliner evaluations are for a [redacted] impacting a cask at [redacted] SFPO used the [redacted]
- Calculations performed to-date for the storage cask for lateral spacing on storage pad show [redacted] Ex2
- Diagonal cask impacts between rows of casks are not considered to be likely events.
- NAC UMS transportation package impacted by large plane show [redacted]
- Most of the impact of hard components on transport package and storage cask have been performed.
- Next draft report due to NRC on Feb 7, 2003
- ( ) Ex2
- Structural models and most calculations for [redacted] are completed for initial HI-STORM 100 and NAC UMS.
- Need to finalize calculations based on [redacted] to determine strain rates of containment vessels. Damage to containment is determined based on the strain rates. Ex2
- Sandia will start second storage cask and transport package in February.
- [redacted] on remaining non-spent fuel packages will start in March Ex2
- ( )
- Preliminary calculations have been performed for a spent fuel transport package, storage casks and non-spent fuel transport package.
- Results are currently being evaluated.

Ex2 portions

E/12/26