

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) impacting a cask at SFPO used the
- Calculations performed to-date for the storage cask for lateral spacing on storage pad show Ex2
- Diagonal cask impacts between rows of casks are not considered to be likely events.
- NAC UMS transportation package impacted by large plane show
- 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 () are completed for initial HI-STORM 100 and NAC UMS.
- Need to finalize calculations based on () to determine strain Ex2 rates of containment vessels. Damage to containment is determined based on the strain rates.
- Sandia will start second storage cask and transport package in February.
- () 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