

Issues Involving Storage and Transportation of High Burnup Nuclear Fuel

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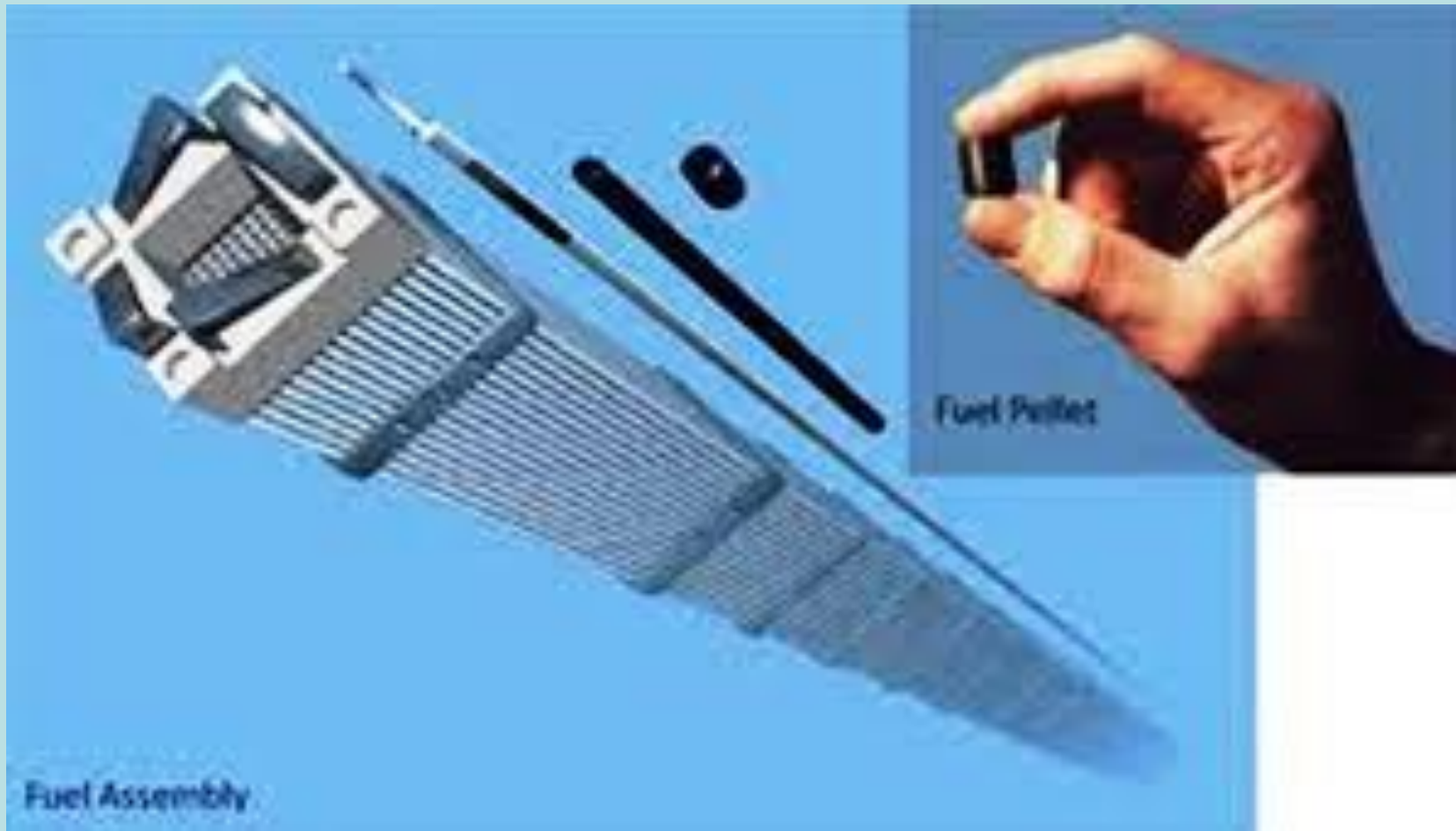
Before

SCE Community Engagement Panel

San Juan Capistrano Community Center

May 6, 2014

PWR Fuel Assembly



San Onofre NUHOMS



CT Yankee Dry Storage



HI-STAR Transportation System

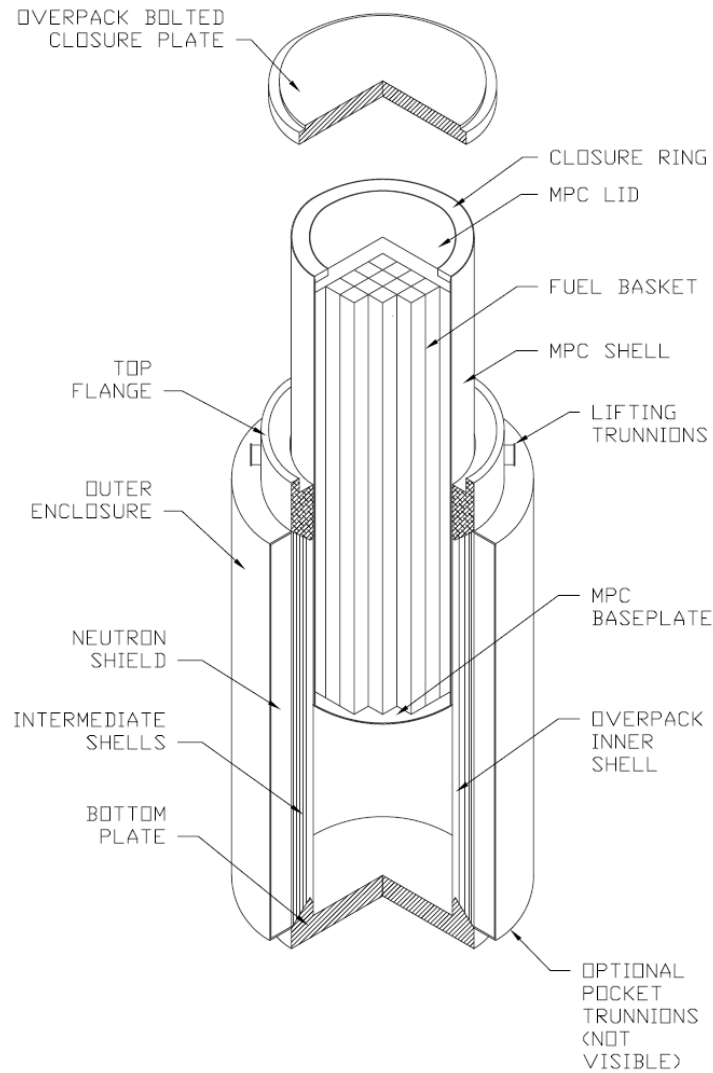
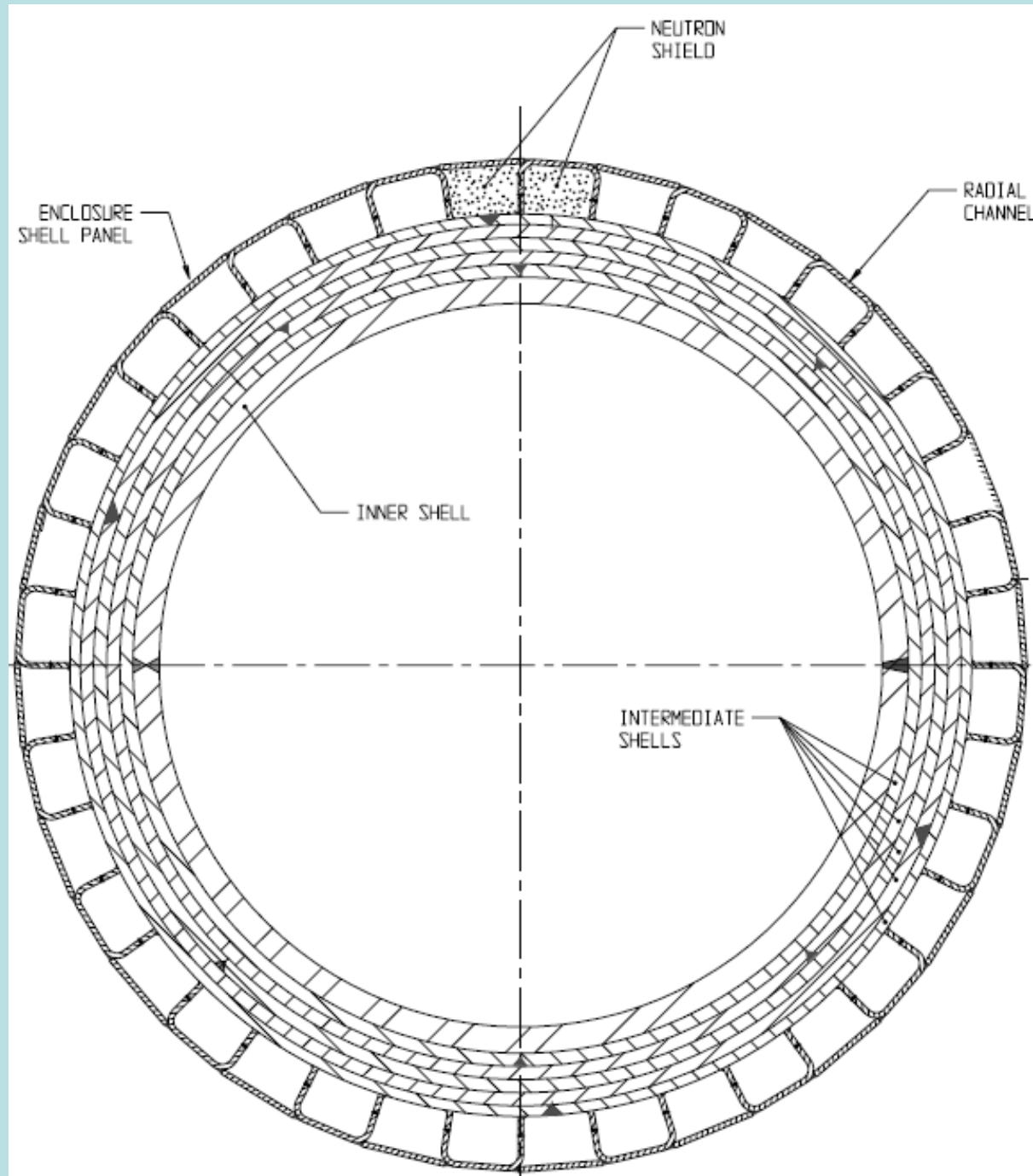
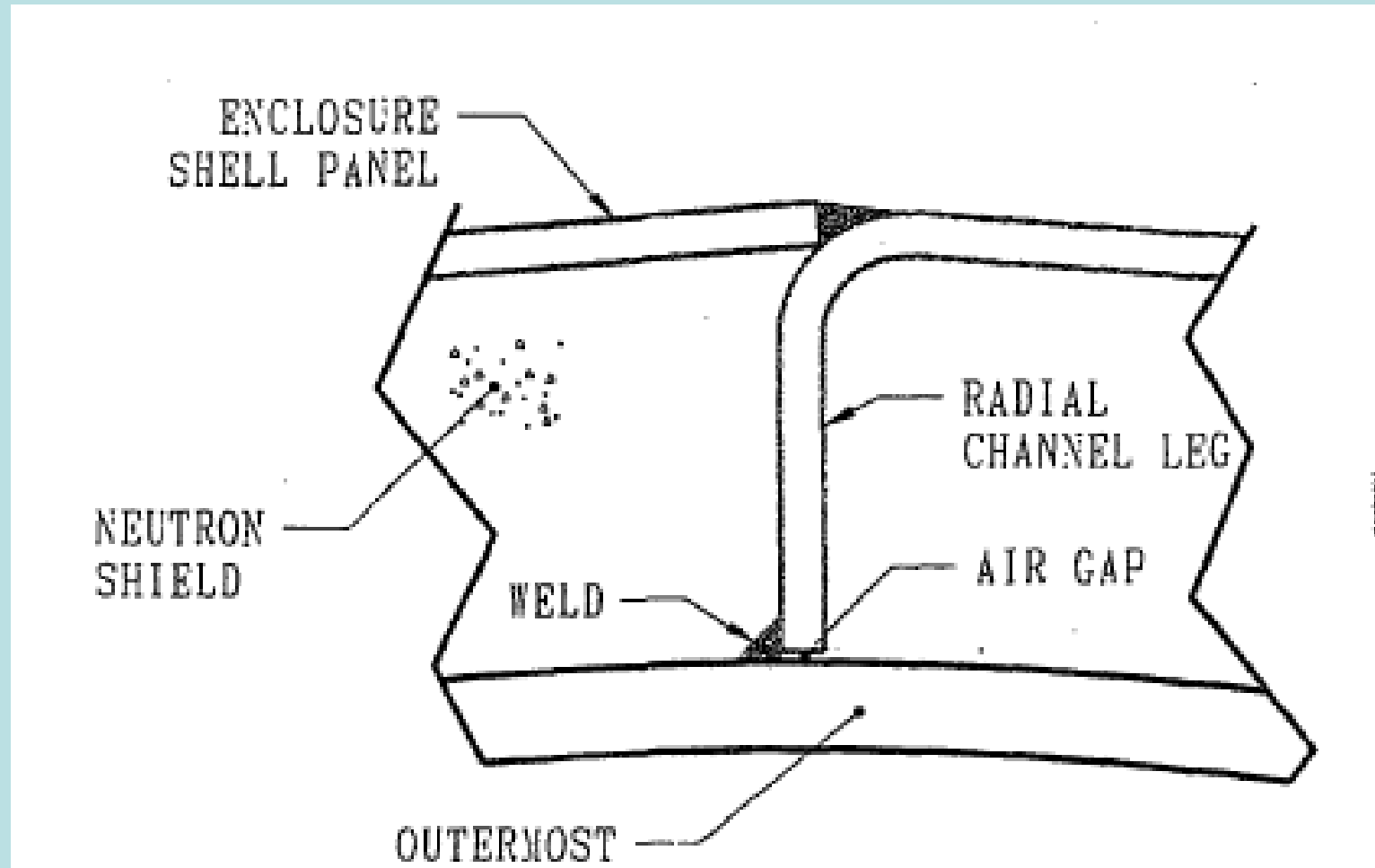


FIGURE 1.1.2; HI-STAR 100 OVERPACK WITH MPC PARTIALLY INSERTED

HI-STAR Transportation Overpack Cross-Section



Neutron Shield



Fire Lac Megantic, Quebec



Hypothetical Accident Drop Test

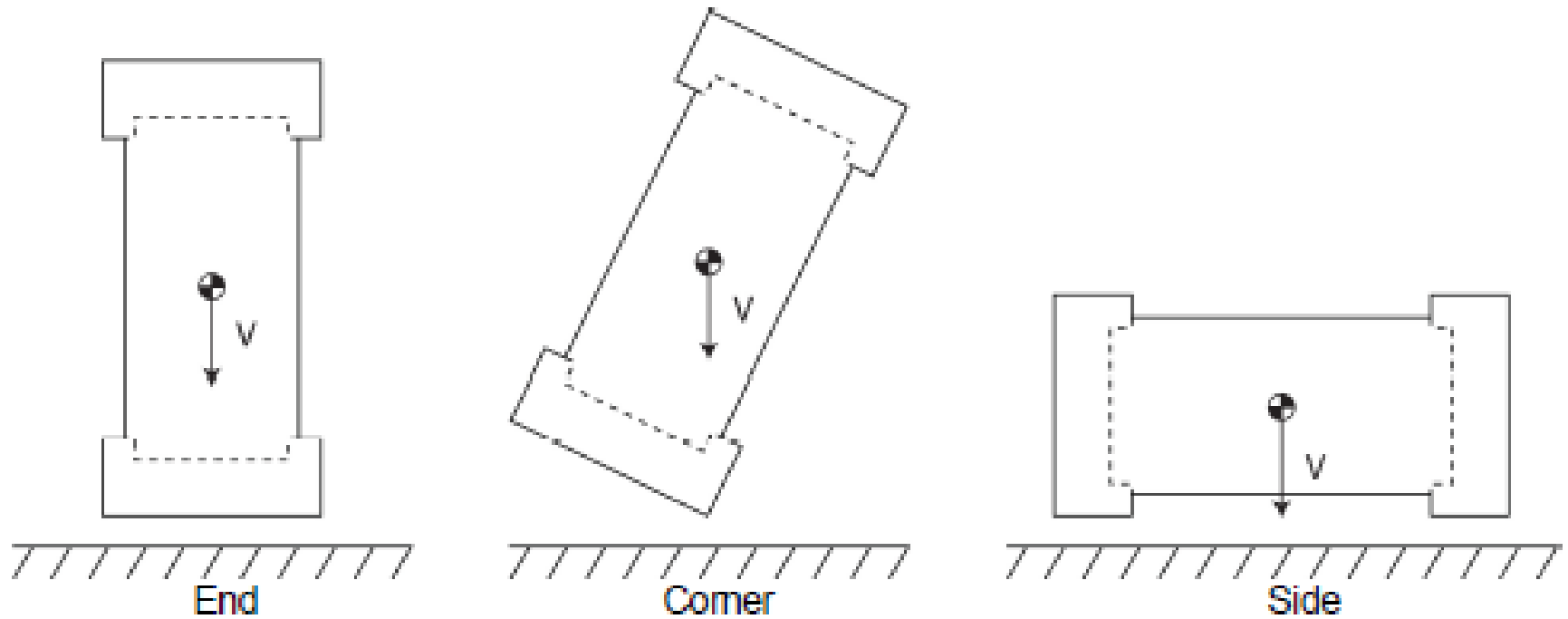


Figure 3-1 Impact orientations analyzed

Impact Locomotive Sill

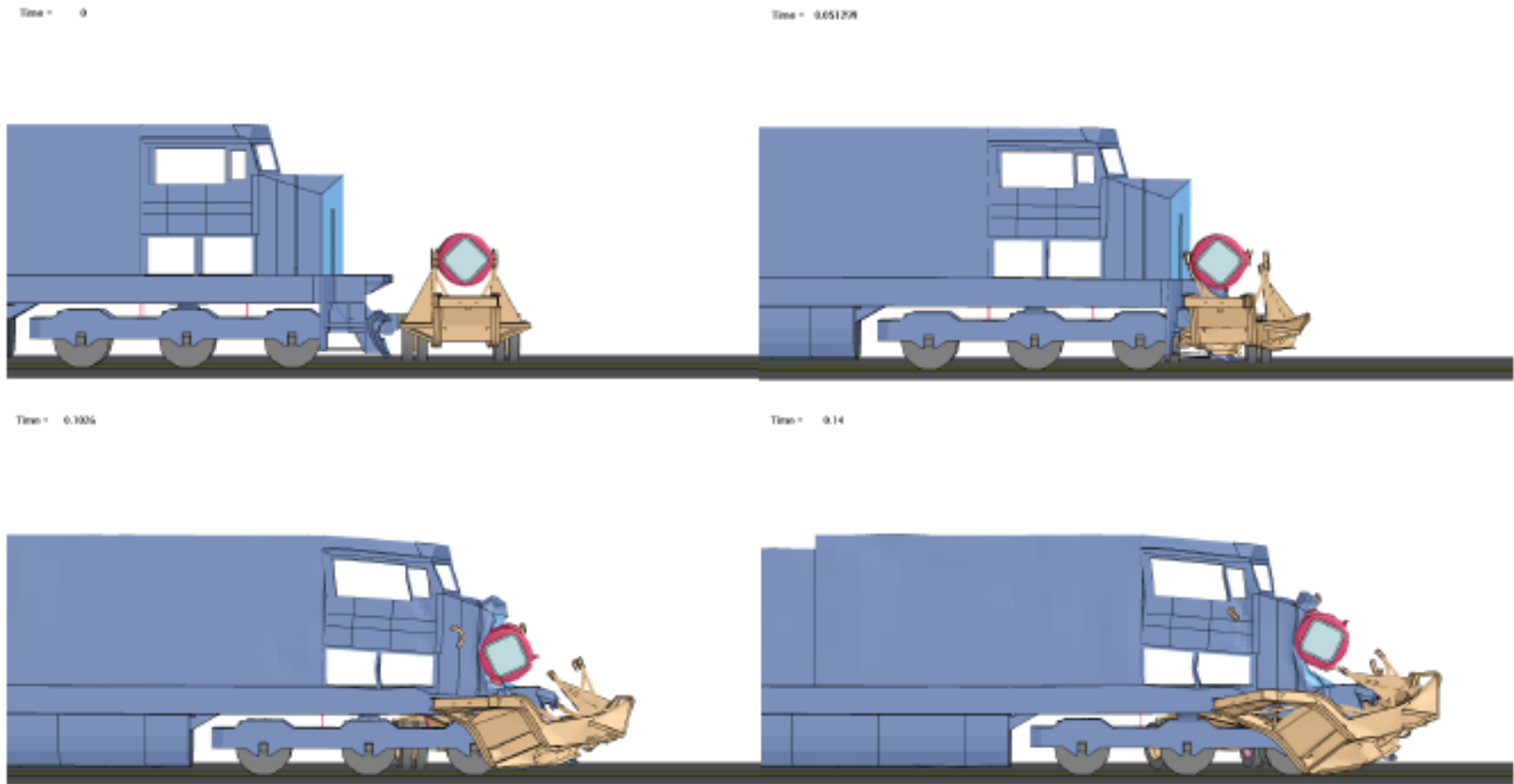
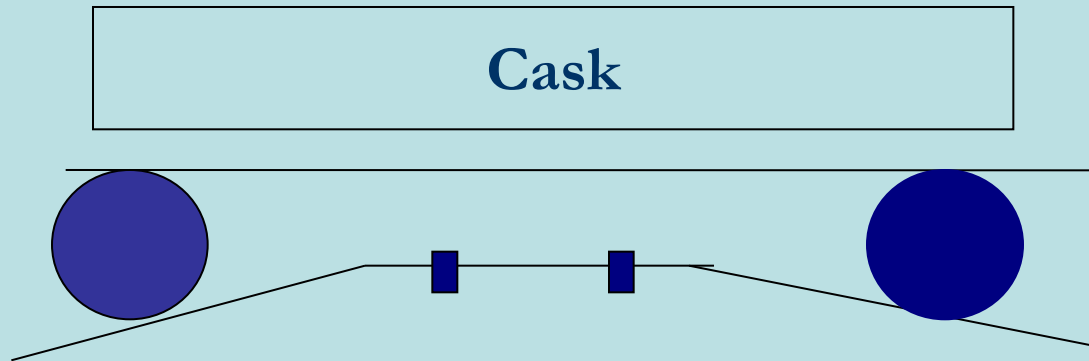


Figure 3-19 Sequential views of a 129 kph (80 mph) impact of a locomotive into a GA-4 truck cask

Figure source: (Ammerman et al., 2005)

Hump RR Crossing



Side Impact

