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: (Ammelman et al., 2005)
Hump RR Crossing

Cask
Side Impact

MOMENT RESISTANCE MAY BE PRESENT AT GRID STRAP SUPPORT

CELL WALL

$g_3$

$g_2 - g_1$

RIGID FUEL BASKET

CELL WALL

TYPICAL FUEL ROD

ANALYZED FUEL ROD