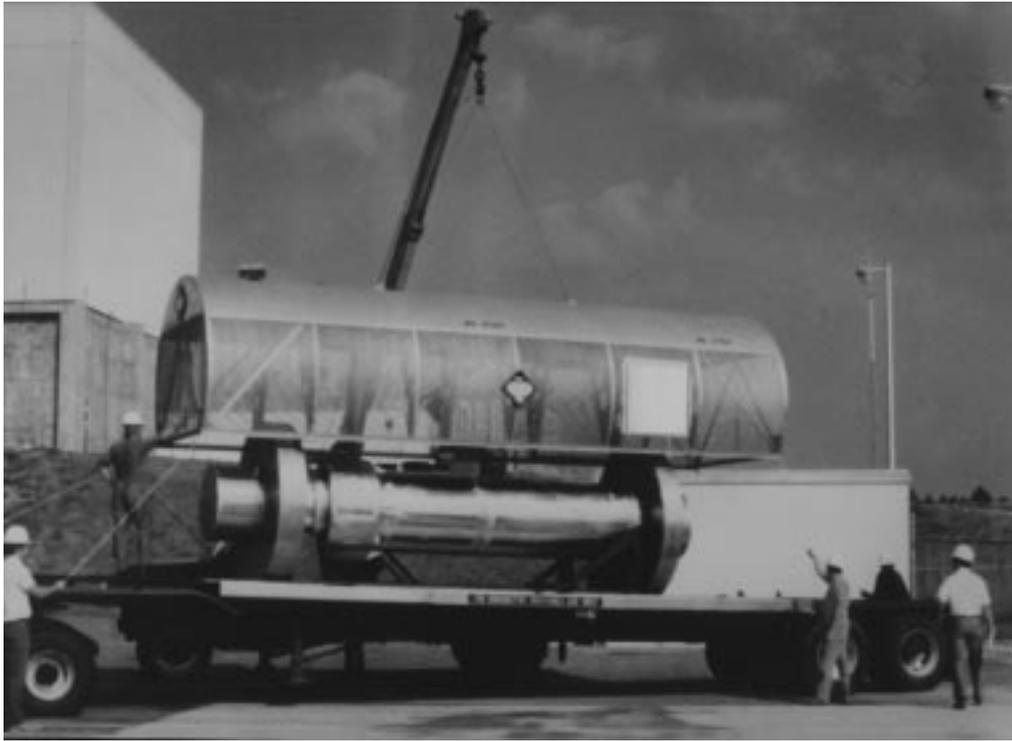




Transportation Packaging Quick Facts



Cask: NLI-1/2

Manufacturer: NAC International

Certification: Certified for domestic use; Certification USA/9010/B()F (expires April 30, 2001)

General Description:

Packaging Type: B

Gross Weight: 49,250 pounds (22,340 kilograms) loaded maximum

Overall Dimensions: Length 195.2 inches (495.8 centimeters), Diameter 47.1 inches (119.6 centimeters)

Cavity Size: Length 178 inches (452 centimeters), Diameter 13.4 inches (34 centimeters)

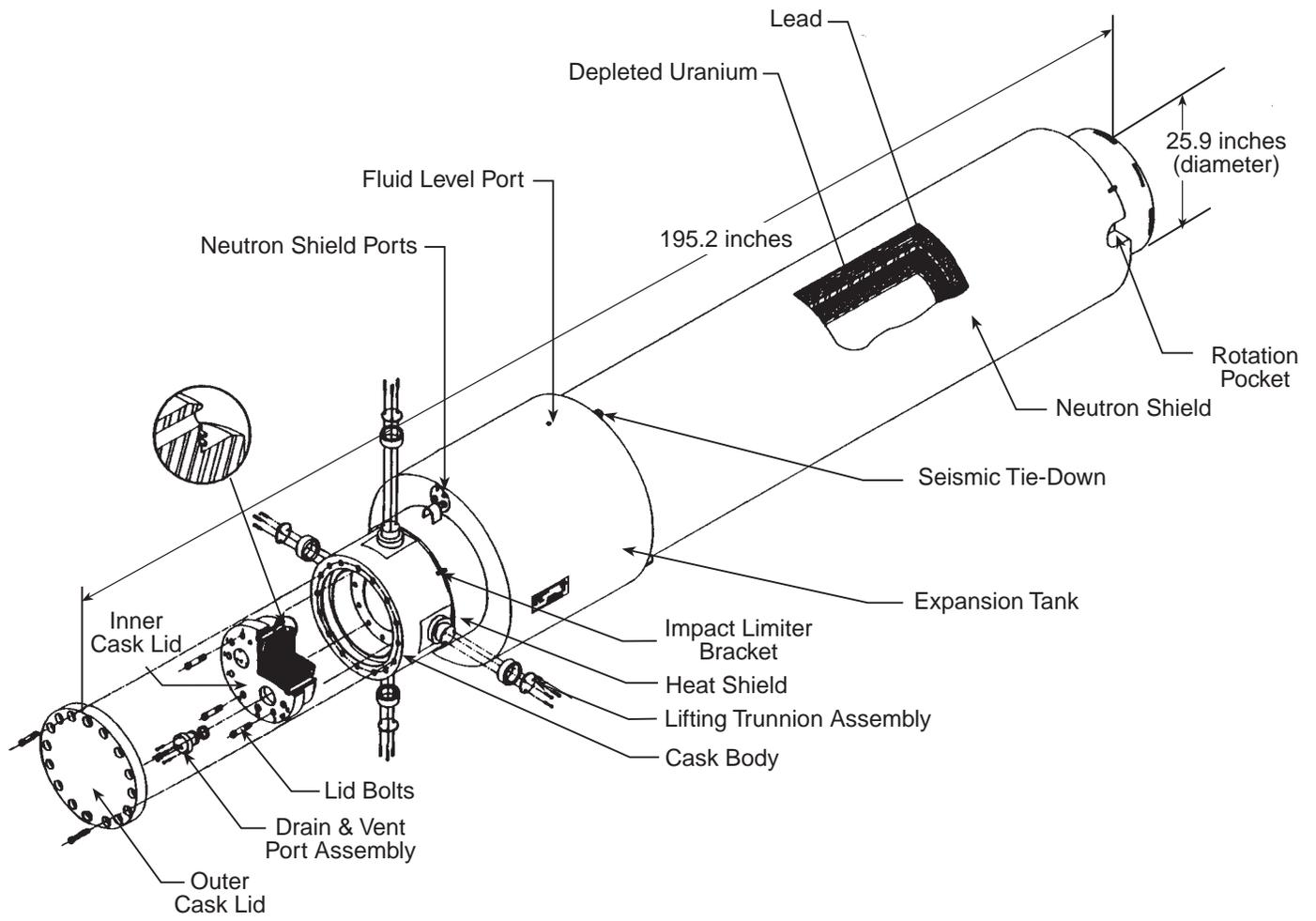
Mode of Transport: Truck

Use: NLI-1/2 cask is a steel-encased, lead- and depleted uranium-shielded transportation cask. The cask body consists of a 0.5-inch- (13-millimeter-) thick stainless steel inner shell, a 2.7-inch- (70-millimeter-) thick depleted uranium gamma shield, a 2.1-inch- (54-millimeter-) thick lead gamma shield, a 0.9-inch- (22-millimeter-) thick stainless steel outer shell, and a neutron shield tank. The NLI-1/2 currently is authorized for transport of the following types of spent nuclear fuel: one pressurized water reactor assembly, two boiling water reactor assemblies, consolidated light water reactor fuel, or metallic rods. An amendment for material test reactor (MTR) fuel is in progress. It has a design heat rejection of 10.6 kilowatts. Five NLI-1/2 casks are available for use.

Frequency of Use: 30 to 50 days per year

Loading Process: Wet immersion or dry, using the NAC Dry Transfer System

Owner: NAC International
Norcross, GA



NLI-1/2 Shipping Cask