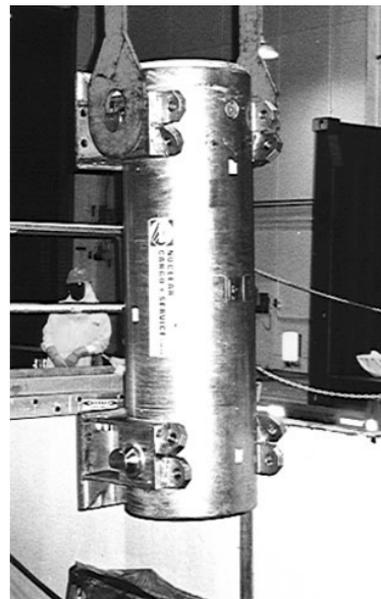




Transportation Packaging Quick Facts

Office of Environmental Management
National Transportation Program



Cask: TN 6/3

Manufacturer: Transnucleaire

Certification: Certified for domestic and international use:
French Certification F/239/B(U)F, special arrangement F/621/X (expires November 2001)
U.S. Nuclear Regulatory Commission approved French license on May 16, 2001
Review of the final application by U.S. Department of Transportation is expected end of May 2001

General Description:

Packaging Type: B

Gross Weight: 16,182 pounds (7,340 kilograms) maximum load

Capacity: 2,403 pounds (1,090 kilograms) maximum

Overall Dimensions: Length 97.9 inches (248.7 centimeters), Diameter (including trunions) 36.7 inches (93.1 centimeters), Height 35 inches (89 centimeters)

Cavity Size: Length 59.0 inches (150 centimeters), Diameter 7.87 inches (20 centimeters)

Mode of Transport: Truck/Rail/Marine

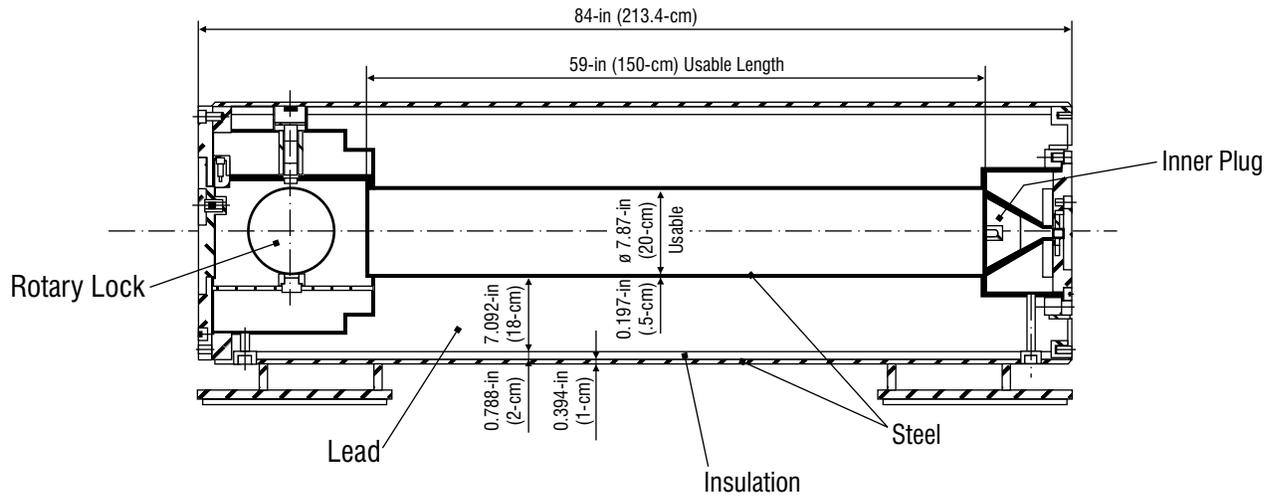
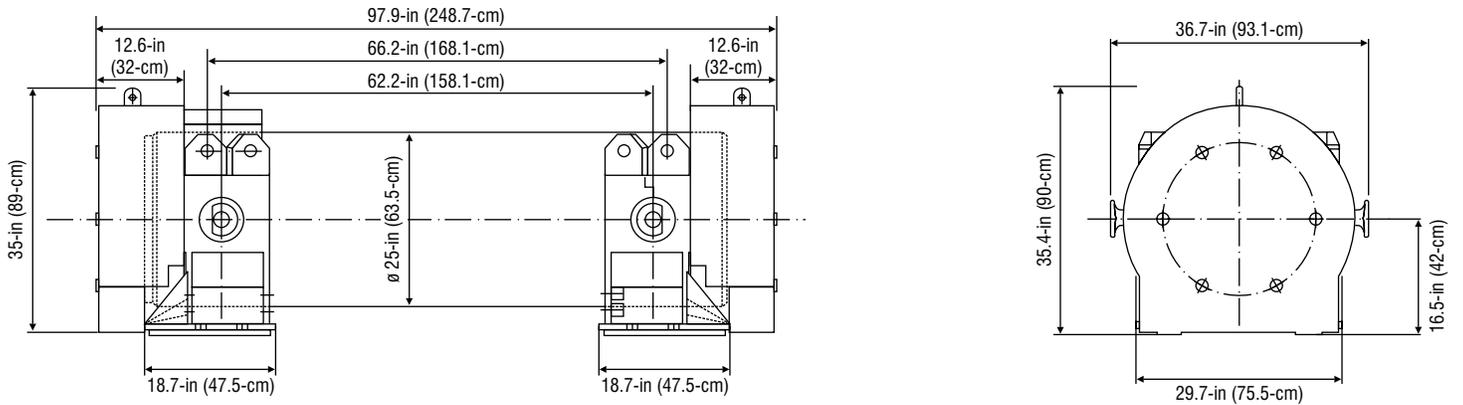
Use: The TN 6/3 is a steel-encased cylindrical lead-shielded transportation cask. The cask body consists of an interior envelope made of 0.197-inch (5-mm) thick welded stainless steel plates, a 0.788-inch (20-mm) thick thermal protection barrier, a 7.092-inch (180-mm) thick biological lead shielding, a 0.394-inch (10-mm) thick exterior stainless steel envelope, shock absorbers, and closing system allowing access to the package. The TN 6/3 is currently authorized to transport several types of spent nuclear fuel, including two material test reactor (MTR) fuel assemblies or seven Training, Research, and Isotope production, General Atomics (TRIGA) rods. It has a maximum thermal output of 1.5 kilowatts. Only one TN 6/3 is available for use.

Frequency of Use: Use varies widely within the United States and abroad.

Loading Process: Wet immersion

Owner: Nuclear Cargo and Services Company (NCS), Germany





TN 6/3

Additional information on DOE's National Transportation Program may be obtained from:

National Transportation Program
U.S. Department of Energy
Albuquerque Operations Office
P.O. Box 5400, MS SC-5
Albuquerque, NM 87185-5400

Phone: 505-845-6134
Fax: 505-845-5508

Website:
<http://www.ntp.doe.gov/>

DOE Center for Environmental
Management Information
P.O. Box 23769
Washington, DC 20026-3769

1-800-7EM-DATA
1-800-736-3282

Website:
<http://www.em.doe.gov/>

Transportation Resource Exchange Center
ATR Institute
University of New Mexico
1001 University Blvd., SE
Albuquerque, NM 87106-4342

Phone: 1-877-287-TREX (8739)
Fax: 505-246-6001
email: trex@unm.edu

Website:
<http://www.trex-center.org/>