

DOE/NTP-015

Transportation Packaging Quick Facts

National Transportation Program



PUBLIC READING ROOM
U.S. DEPARTMENT OF ENERGY
IDAHO OPERATIONS OFFICE

Cask: TN-8L

Manufacturer: Transnuclear, Inc.

Certification: Nuclear Regulatory Commission (NRC) Certification USA 9015/B()F (expires May 31, 2001)

General Description:

Packaging Type: B

Gross Weight: 79,380 pounds (36,006 kilograms) empty

Capacity: 3 pressurized water reactor fuel assemblies

Overall Dimensions: Length 224 inches (568.9 centimeters), Diameter 67.6 inches (171.7 centimeters)

Cavity Size: 3 cubical cavities per cask, each 9 inches x 9 inches x 168.5 inches (23 centimeters x 23 centimeters x 428 centimeters)

Mode of Transport: Truck

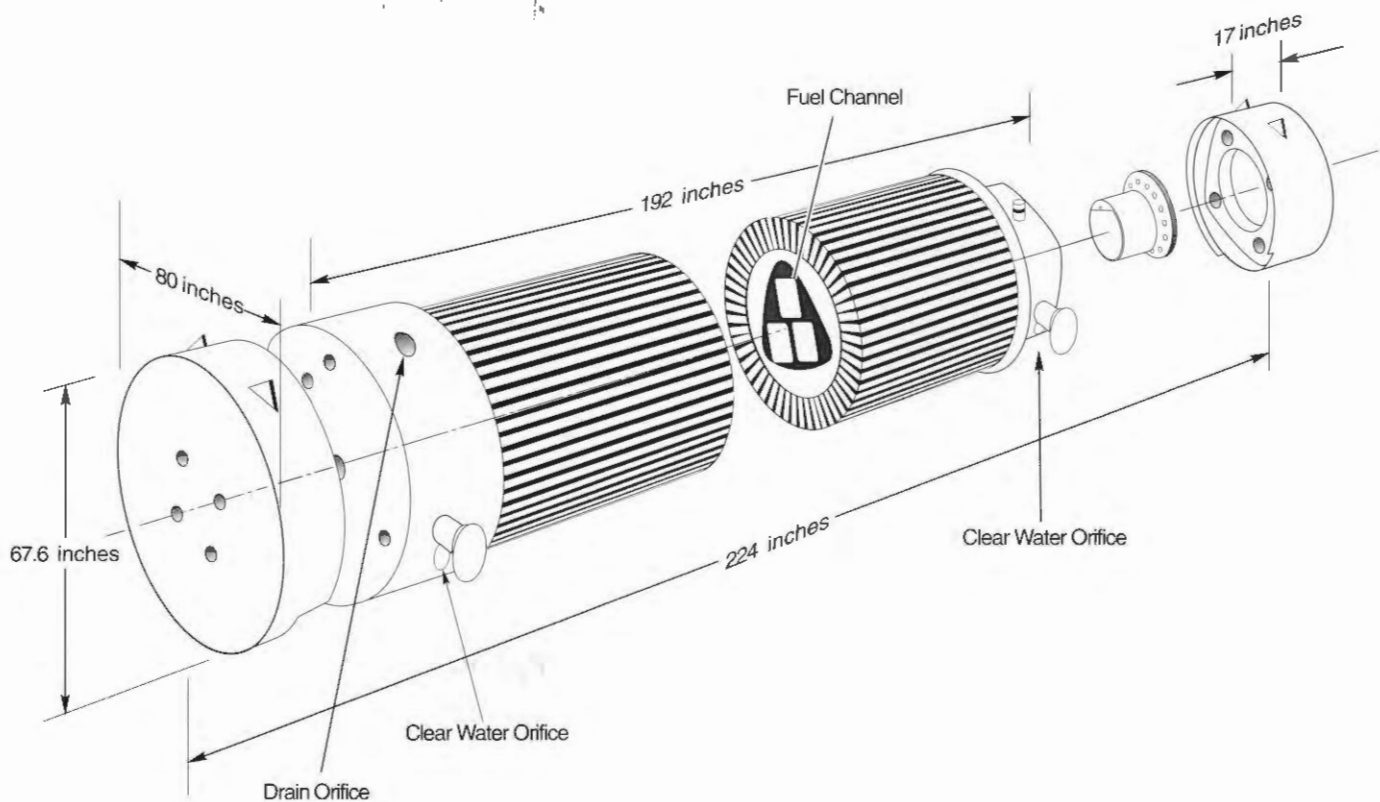
Use: The Transnuclear TN-8L is a lead-, steel-, and resin-shielded cylinder, stainless steel cask. The cask is authorized to ship three pressurized water reactor irradiated fuel assemblies. The TN-9 transportation cask is nearly identical to the TN-8L. However, the TN-9 is authorized to ship seven boiling water reactor irradiated fuel assemblies. These casks are classified as overweight truck casks in highway transport.

Frequency of Use: 30 to 50 days per year

Loading Process: Authorized for vertical or horizontal loading in wet or dry environment (shipped dry)

Owner: Transnuclear, Inc.
Hawthorne, NY





TN-8L Shipping Cask

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.unm.edu/~trex>