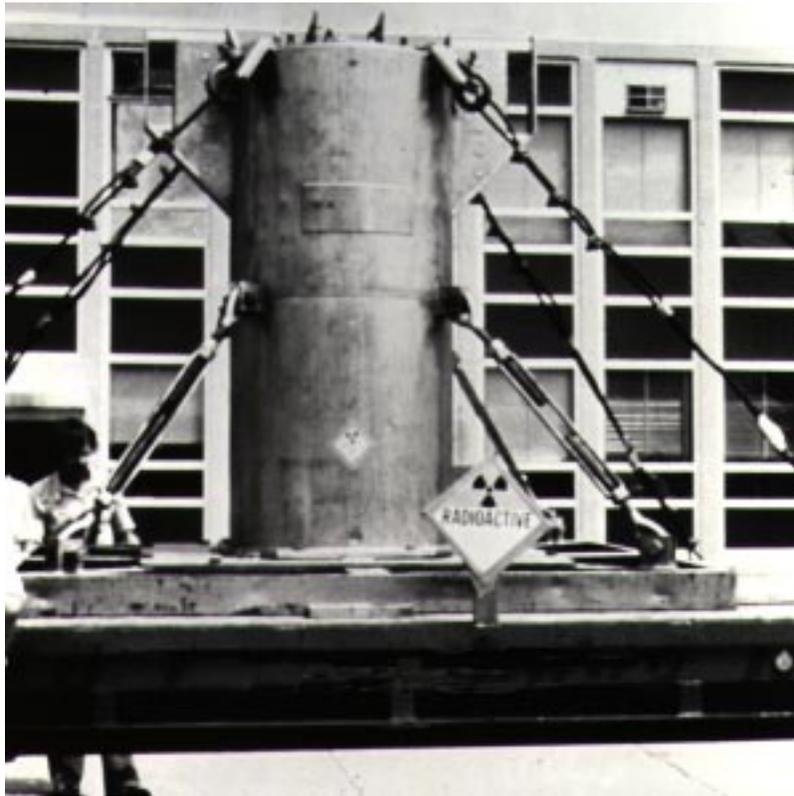




Transportation Packaging Quick Facts

Office of Environmental Management
National Transportation Program



Cask: BMI-1

Manufacturer: Battelle Columbus Laboratories

Certification: U.S. Nuclear Regulatory Commission (NRC) Certification USA/5957/B() F, Revision 27 (expires March 31, 2006)

General Description: The BMI-1 is a steel-encased, lead-shielded cask.

Packaging Type: B

Gross Weight: 23,660 pounds (10,732 kilograms) with a maximum load of 1,800 pounds (816.5 kilograms)

Capacity: 8 to 38 fuel assemblies

Overall Dimensions: Length 73.4 inches (186.4 centimeters), Diameter 33.4 inches (84.8 centimeters)

Cavity Size: Length 54 inches (137.2 centimeters), Diameter 15.5 inches (39.4 centimeters)

Mode of Transport: Truck

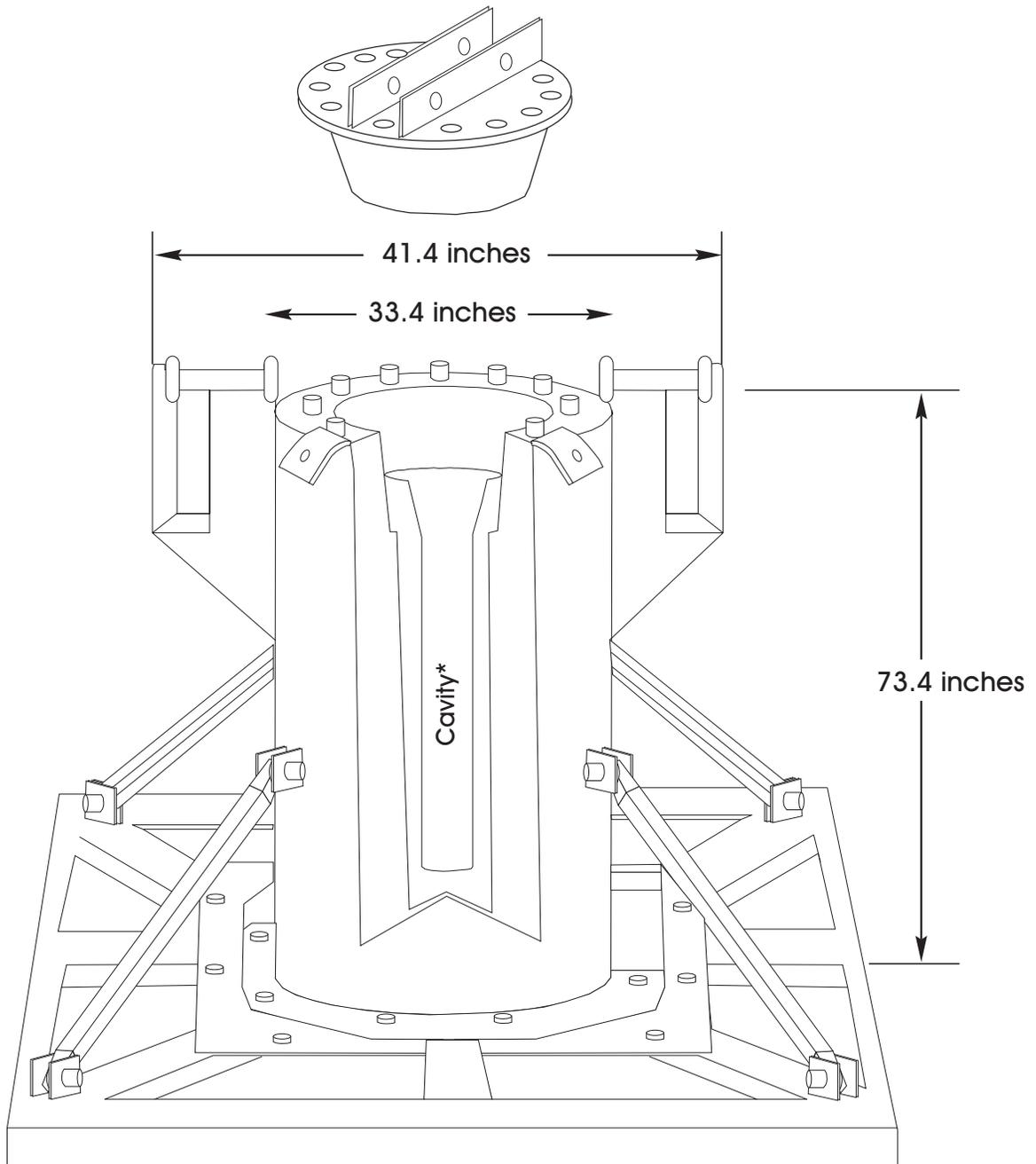
Use: The BMI-1 cask is used by DOE for the domestic shipment of spent nuclear fuel from research and test reactors. The allowable contents which can be shipped in the cask include irradiated material test reactor (MTR) type fuel assemblies, irradiated high flux beam reactor fuel assemblies, irradiated Training, Research, Isotope production, General Atomics (TRIGA) fuel assemblies, and a variety of other types of irradiated materials.

Frequency of Use: 3 to 6 times per year

Loading Process: Top loading

Owner: U.S. Department of Energy





* 54 inches (length)/15.5 inches (diameter)

BMI-1 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.trex-center.org/>