U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 9581 (EXTENSION)
ORIGINAL July 9, 1986

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 9581 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to May 31, 1994. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

J. Suzanne Hedgepeth
for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

JUL 22 1992
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
RAMP Industries, Inc. Denver, CO	March 26, 1992

U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh St., S.W.
Washington, D.C. 20590

DOT-E 9581 JUL 9 1986

1. RAMP Industries Inc., Aurora, Colorado, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages prescribed herein of radioactive material for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes an alternative inner container for a DOT Specification 20WC packaging, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on an application from RAMP Industries, Inc. dated December 19, 1985 and the RSO, Inc. supplement dated February 24, 1986, submitted in accordance with 49 CFR 107.103, and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Solid radioactive material, in normal form or special form, hermatically sealed in a DOT Specification 2R or DOT Specification 55 container secured in the center of a concrete filled DOT Specification 17C or 17H steel drum.

4. PROPER SHIPPING NAME (49 CFR 172.101). Radioactive material, n.o.s., or Radioactive material, special form, n.o.s.

5. REGULATION AFFECTED. 49 CFR 173.416(e).

6. MODE OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES.

a. The concrete filled DOT Specification 17C or DOT Specification 17H steel drum with the DOT Specification 2R or DOT Specification 55 on its geometric center must fit snuggly in the cavity of the DOT-20WC wooden protection jacket.

b. The gross weight of the packaging must be within the limits of 49 CFR 178.194-1.

c. The radioactive content must not generate more than 10 watts decay heat.

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. In addition to the marking requirements of Part 172 and Part 178, Section 178.194-6, of Title 49 of the Code of Federal Regulations, the DOT-20WC shall be marked "DOT-E 9581" in figures at least 1-1/2 inches high immediately adjacent to the other required markings.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the Office of Hazardous Materials Transportation as soon as practicable.

10. EXPIRATION DATE. July 31, 1988.

Issued at Washington, D.C.:

Alan I. Roberts
Director
Office of Hazardous Materials Transportation

JUL 9 1986
(DATE)

Address all inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C., 20590. Attention: Exemptions Branch.

Dist: FHWA, FRA