U.S. Department of Transportation
Research and Special Programs Administration

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

AUG 21 1995

DOT-E 11468

EXPIRATION DATE: October 31, 1995 or upon completion of the one shipment whichever occurs earlier.

(FOR RENEWAL, SEE 49 CFR SECTION 107.105)

1. GRANTEE: U.S. Department of Energy
Richland, Washington

2. PURPOSE AND LIMITATION: This exemption authorizes the one-time transportation in commerce of residual sodium metal contained in the piping of a test assembly, overpacked in a reinforced plywood box. This exemption provides no relief from any regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR 173.211.

5. BASIS: This exemption is based on the application of the Department of Energy dated May 15, 1995, submitted in accordance with 49 CFR 107.103 and the public process thereon.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi-fication Number	Packing Group
Sodium	4.3	UN1428	I

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING -

Sodium is contained in a test assembly, as described in the May 15, 1995 application, consisting of stainless steel piping and other metal components. The test assembly meets the requirements of ANSI/ASME standard B31.1 for power piping. The piping systems are supported inside an angle iron framework. Each assembly is overpacked in a reinforced plywood box.

The piping system must be filled with a dry inert gas, and the ends of pipes must be sealed to preclude a release of sodium metal to the environment.

b. TESTING - The test assembly, contained in a reinforced plywood box, must be capable of withstanding a drop from a height of 1.8 meters flat on the bottom of the assembly, onto a rigid, flat and horizontal surface.

c. OPERATIONAL CONTROLS -

i. Packages must be secured within the transport vehicle and may not be stacked during transportation.

ii. No other hazardous material may be loaded on the transport vehicle.

iii. Packages may only be transported from Richland, Washington to Marysville, Washington, with no intermediate pick-ups or delivery.

d. MARKING - The outside of each plywood overpack must be marked "DOT-E 11468" on a contrasting background.

8. SPECIAL PROVISIONS: Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle

10. MODAL REQUIREMENTS:

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

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. Section 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Registration required by 49 CFR 107.601 et seq., when applicable.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

AUG 21 1995

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Dist: FHWA
PO: SMM