U.S. Department
of Transportation

Research and
Special Programs
Administration

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

OCT 16 1992

DOT-E 10583

1. General Electric Company, San Jose, California, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer packages prescribed herein of a flammable solid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the one-time shipment of non-DOT specification ASME code "U" stamped portable tanks for the shipment of a flammable solid, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on General Electric Company's application dated April 17, 1991 and additional information dated September 21, 1992, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Sodium, Division 4.3 (Dangerous when wet), UN1428.

4. PROPER SHIPPING NAME (49 CFR 172.101). Sodium.

5. REGULATION(S) AFFECTED. 49 CFR 173.244, 178.245.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packagings prescribed are non-DOT specification portable tanks designed and constructed in accordance with ASME Code Section VIII Division I and have an ASME "U" stamp. Each tank has a design pressure of 100 psig, a design temperature upper limit of 900°F, and is manufactured from type 304 stainless steel. Each tank must be equipped with safety relief devices in accordance with 49 CFR 178.245-5. The tanks covered by this exemption differ as follows:

a. The "dump tank" is designed and constructed according to GE drawing number 134 D 1133. The tank serial number is 276. Shell and head thickness are 0.375 inches and contains 480 pounds (nominal) of sodium under an inert argon gas blanket.

b. The "cold trap" is designed and constructed according to the following GE drawing numbers: 197 R 237; 197 R 235; 886 D 516; and 112 C 3812. The tank serial number is SR-95-1-1966. The tank contains 720 pounds (nominal) sodium under an inert argon gas blanket.

8. SPECIAL PROVISIONS.

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

b. Drivers must be familiar with sodium and its hazards and must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire or accident during transport.

c. Each portable tank must be plainly and durably marked "DOT-E 10583" on both sides near the middle in letters at least two inches high on a contrasting background.

d. The portable tanks must be shipped on an exclusive use vehicle from San Jose, California to Buffalo, NY, (E.I. DuPont Plant).

9. REPORTING REQUIREMENTS. Any incident involving loss of packaging contents or packaging failure must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)

10. EXPIRATION DATE. October 31, 1992, or upon completion of one shipment, whichever occurs first.

Issued at Washington, D.C.:

OCT 16 1992

Alan I. Roberts (DATE)
Associate Administrator for
Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C., 20590. Attention: Exemptions Program.

Dist: FHWA.