MAY 24 1993

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

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

DOT E-10877

1. Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, 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 use of non-DOT specification portable tanks for the one-way, one-time shipment of sodium, metal and provides no relief from any regulation other than as specifically stated. **Note:** Reference to 49 CFR sections in this exemption are to regulations in effect on September 30, 1991.

2. BASIS. This exemption is based on Westinghouse Electric Corporation's application dated August 3, 1992 and additional information dated January 12, 1993, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Sodium, metal; classed as a flammable solid.

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

5. REGULATION AFFECTED. 49 CFR 173.206, 178.245.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packagings prescribed are seven (7) non-DOT specification portable tanks designed and constructed in accordance with Section I or Section VIII of the ASME Code. The tanks contain varying amounts of sodium up to 900 pounds maximum. Each tank must be in conformance with the manufacturer's drawings on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA), and as follows:

| Tank Number | Serial Number | Drawing Number | Year Built | Water Capac -ity (Gal) | Steel Spec. | Design Press. (Psig) |
|---|---|---|---|---|---|---|
| 1 | GPL-2 CT | 1186E05 | 1969 | 120 | SA-240 Type 316 | 775 |
| 2 | GPL-2A CT | 1186E05 | 1977 | 120 | SA-240 Type 316 | 775 |
| 3 | GPL-1 DT | AK2437-6 | 1966 | 157 | SA-240 Type 304 | 575 |

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|---|---|---|---|---|---|---|
| 4 | GPL-1A DT | 1143E09 | 1979 | 157 | SA-240 Type 304 | 575 |
| 5 | Silo DT | 629F072 | 1969 | 285 | SA-240 Type 304 | 480 |
| 6 | GPL-2 Filter 1 | 629F118 | 1969 | 20 | SA-240 Type 304 | 1275 |
| 7 | GPL-2 Filter 2 | 629F118 | 1969 | 20 | SA-240 Type 304 | 1275 |

8. SPECIAL PROVISIONS

a. This exemption authorizes the one-way, one-time only transport of seven storage vessels described in paragraph 7 from Madison, Pennsylvania to Clarence, New York. The portable tanks must be shipped on an exclusive use vehicle during daylight hours with team drivers and escorts.

b. The sodium must be fused solid and completely covered by an inert gas blanket before shipment.

c. Each portable tank tie down assembly must conform to the requirements of 49 CFR 393.100.

d. Each portable tank must be plainly marked on both sides near the middle in letters at least two inches high on a contrasting background, "DOT-E 10877."

9. 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 also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

10. EXPIRATION DATE. September 30, 1993, or upon completion of one shipment of each of the seven tanks identified in paragraph 7, whichever occurs first.

Issued at Washington, D.C.

MAY 24 1993

(DATE)

Alan I. Roberts
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