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

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

SEP 21 1995

DOT-E 11507

EXPIRATION DATE: August 31, 1997

(FOR RENEWAL, SEE 49 CFR SECTION 107.105)

1. GRANTEE: Siemens Power Corporation
Richland, WA

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of helium in a non-DOT specification packaging made of zirconium. 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 173.302(a) insofar as non-DOT specification packagings are not authorized.

5. BASIS: This exemption is based on the application of Siemens Power Corporation dated June 16, 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
Helium, compressed	2.2	UN1046	NA

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed in a non-DOT specification packaging manufactured of zirconium tube with welded end caps. The rods are approximately 150 inches in length with an inside diameter of 0.3295 inches. The "rods" have a maximum gas volume of 12 in^3 and a maximum charging pressure of 1005 psig at 70°F. The rods must be as shown on Siemens Power Corporation Drawings EMF-308,376, EMF-308,375, EMF-308,377, and

EMF-308,562 and other drawings on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). Rods will group together into assemblies of 24 rods and two assemblies of 24 rods will be placed into wooden shipping container. The wooden shipping container must be as shown on Siemens Power Corporation Drawing EMF-307,496.

b. TESTING - Each zirconium rod must be tested for helium leakage before being assembled into groups of 24 rods.

c. MARKING - Each outside package must be plainly and durably marked "DOT-E 11507" on both sides in letters and numbers at least two inches high on a contrasting background.

8. SPECIAL PROVISIONS:

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. 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, cargo only aircraft.

10. MODAL REQUIREMENTS:

A copy of this exemption must be carried aboard each aircraft used to transport packages authorized by this exemption. In accordance with the provisions of 49 CFR Part 107, Appendix B to Subpart B, paragraph 3, the shipper shall furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

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.

- o 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.:

SEP 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.

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