

May 9, 2003

UCAR International, Inc.
3102 West End Avenue, Suite 1100
Nashville, TN 37203

SUBJECT: REGULATORY GUIDANCE FOR THE EXPORT OF NUCLEAR GRADE
GRAPHITE

Gentlemen:

It has come to the attention of the U.S. Nuclear Regulatory Commission (NRC) that your company manufactures and/or exports graphite that may meet the specifications for nuclear grade graphite. The purpose of this letter is to remind exporters of the licensing requirements for nuclear grade graphite under the jurisdiction of the NRC.

The NRC licenses exports of nuclear grade graphite under 10 CFR Part 110. Section 110.2 defines nuclear grade graphite as "...graphite with a boron equivalent content of less than 5 parts per million and density greater than 1.5 grams per cubic centimeter."

The general license for graphite at 10 CFR 110.25(a) authorizes the export of bulk, non-fabricated nuclear grade graphite in individual shipments of 100 kilograms or less to any country not listed in 110.28. No person may export more than 2,000 kilograms per year to any one country. The general license for graphite at 110.25(b) authorizes the export of fabricated nuclear grade graphite for use in non-nuclear commercial products to any country not listed in 110.28, except for graphite electrodes weighing more than 1 kilogram per electrode which may not be exported to the restricted destinations listed in 10 CFR 110.29. Fabricated products are defined as "...products in final manufactured form except for detailed machining and other final steps necessary for the intended end use of the product." The general license requires the exporter to cite 10 CFR 110.25(a) or (b) as the authority for the export on the shipping documents. The embargoed countries listed in 110.28 are Cuba, Iran, Iraq, Libya, North Korea, and Sudan. The restricted countries in 110.29 are Afghanistan, Andorra, Angola, Burma (Myanmar), Djibouti, India, Israel, Oman, Pakistan, and Syria.

Exports which meet the density requirements for nuclear grade graphite and which are in excess of the limits specified in 10 CFR 110.25 require a specific license from the NRC. An application is available from the NRC's website at <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc7.pdf>. Payment of a fee is also required under 10 CFR Part 170. Questions on the application process may be directed to the NRC website at <http://www.nrc.gov>, or by calling 1 800-216-0881 or 301-415-3977. Enclosed for your convenience are a copy of 10 CFR Part 110 and an export license application, should your graphite exports fall into the specific license category.

If, in the last five years, your company has exported graphite meeting the definition of nuclear grade graphite in excess of the general license limits specified in 110.25 or to an embargoed or restricted country listed above, I request that you provide information on those exports to the NRC. Please group the information by the destination country and include date of shipment, quantity shipped (kilograms), and product form.

This request for information is subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). This information collection was approved by the Office of Management and Budget, approval number 3150-0036.

I thank you in advance for assisting the NRC in fulfilling one of its national security and nonproliferation roles.

Sincerely,

/RA/

Edward T. Baker, Deputy Director
Office of International Programs

Enclosures: 1. Copy of NRC's Regulations, 10 CFR Part 110
2. Specific License Export Application

May 9, 2003

Asbury Carbons
405 Old Main St.
Asbury, N.J. 08802

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Carbide Graphite Group, Inc.
1 Gateway Centre
Pittsburgh, PA 15222

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Carbone of America
215 Stackpole Street
Saint Marys, PA 15857

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CERAC Incorporated
407 N. 13th St.
Milwaukee, WI 53233

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Graphite Electrode Network, LLC
P.O. Box 765
Clarksville, TN 37041-0765

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Graphite Engineering Company
712 Industrial Park
P.O. Box 637
Greenville, MI 48838

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Great Lakes Carbon Corporation
Sierra Highway
Rosamond, CA 93560

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Showa Denko Carbon, Inc.
P.O. Box 2947201
478 Ridge Road
Ridgeville, South Carolina 29472

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Sigri Carbon Corporation
550 US Highway 202/206
Bedminster, N.J. 07921

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If, in the last five years, your company has exported graphite meeting the definition of nuclear grade graphite in excess of the general license limits specified in 110.25 or to an embargoed or restricted country listed above, I request that you provide information on those exports to the NRC. Please group the information by the destination country and include date of shipment, quantity shipped (kilograms), and product form.

This request for information is subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). This information collection was approved by the Office of Management and Budget, approval number 3150-0036.

I thank you in advance for assisting the NRC in fulfilling one of its national security and nonproliferation roles.

Sincerely,

/RA/

Edward T. Baker, Deputy Director
Office of International Programs

Enclosures: 1. Copy of NRC's Regulations, 10 CFR Part 110
2. Specific License Export Application

DISTRIBUTION:

S. Schuyler-Hayes

L. Trocine, OE

M. Nordlinger, OGC

R. O'Connell, NMSS/IMNS

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Identical Letters Sent to: (See attached Multiple Addressee List)

ACCESSION NUMBER: _____

*previously concurred

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OFFICE	OIP/Team B	OE	OIP/Team B	OGC	OIP/DD
NAME	*S. Schuyler-Hayes	*L. Trocine	*K. Henderson	*M. Nordlinger	*E. Baker
DATE	4/24/03	4/29/03	4/24/03	4/30/03	5/9/03

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MULTIPLE ADDRESSEE LIST

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