



Integral Solids & Solutions

107 Myrtle Avenue • P.O. Box 27
Ramsey, New Jersey 07446

Phone: (201) 760-0189

Fax: (201) 825-3739

XSOU8764
11005099

December 28, 2006

Ms. Carlotta Coates
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Phone: (301) 415-1787
Fax: (301) 415-2395

Dear Ms. Coates,

Per our recent telephone conversation, please find the enclosed check in the amount of \$320.00 for renewal of our Export License XSOU8764. We respectfully request that this License be renewed for a period of five (5) years. There are no changes to the License. The new expiration date would be March 31, 2012.

Thank you for your assistance with this matter. If you have any questions, please do not hesitate to contact me.

Sincerely,

Paul Leonard
Vice President

2006 DEC 29 PM 1:40

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NRC FORM 7
(6-2006)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL

(See Instructions on Page 5)

| | | | |
|---------------------------------|---------------|---|---------------|
| PART A. FOR NRC USE ONLY | | <input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC | DATE RECEIVED |
| LICENSE NUMBER | DOCKET NUMBER | ADAMS ACCESSION NUMBER | |

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

| | | | |
|--|--|---|--|
| 1. NAME AND ADDRESS OF APPLICANT/LICENSEE INTEGRAL Solids & Solutions (ISS) 107 MYRTLE AVENUE RAMSEY, NJ 07446 | 1a. NAME OF APPLICANT'S CONTACT PAUL LEONARD | 1b. APPLICANT'S REFERENCE NUMBER | |
| | 1c. PHONE NUMBER (201) 760-0189 | 1d. FAX NUMBER (201) 825-3739 | |
| | 1e. E-MAIL ADDRESS NIOFLUX@AOL.COM | | |
| 2. TYPE OF NRC LICENSE REQUESTED (Check One) | | | |
| <input type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input checked="" type="checkbox"/> AMENDMENT/RENEWAL (Existing License Number: X50U8764) | | | |
| 3. CONTRACT NUMBER(S) | 4. FIRST SHIPMENT DATE | 5. LAST SHIPMENT DATE | 6. PROPOSED EXPIRATION DATE MARCH 31, 2012 |

PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

| | | | |
|--|--|---|---|
| 7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT 1. Shieldalloy METALLOGICAL Corp WEST BOULEVARD NEWFIELD, NJ 08344 2. OTHER U.S. COMPANIES AS REQUIRED | 8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) NONE | 9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) SEE PAGE 2 OF LICENSE X50U8764 (ATTACHED) FOR LIST OF ULTIMATE CONSIGNEES | |
| 7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED SUPPLIERS | 8a. INTERMEDIATE USE(S) — | 9a. ULTIMATE END USE(S) STEELMAKING ADDITIVE | |
| 10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS 125,237.0 KILOGRAMS OF NATURAL THORIUM AND 39,360.0 KILOGRAMS OF NATURAL URANIUM AS SLAG CONTAINED IN 90,718,474.0 KILOGRAMS OF CALCIUM ALUMINATE CERAMIC RESIDUE FROM FERRONICKEL PRODUCTION | 10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) | 10b. MAX ENRICHMENT OR WGT % | 10c. MAX ISOTOPE WGT (KG) 2006 DEC 29 PM 1:40 |

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

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NRC FORM 7
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U.S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

| | | | |
|-----------------------|----------------------|-------------------------------|--|
| LICENSE NUMBER | DOCKET NUMBER | ADAMS ACCESSION NUMBER | <input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC |
|-----------------------|----------------------|-------------------------------|--|

PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

| | | | |
|---|---|--|----------------------|
| 12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT | 13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S) | 14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S) | |
| 12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i> | 13a. LICENSE NUMBER(S) / EXPIRATION DATE(S) | 14a. LICENSE NUMBER(S) / EXPIRATION DATE(S) | |
| | 13b. INTERMEDIATE USE(S) | 14b. INTERMEDIATE USE(S) | |
| 15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES | 15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) | 15b. MAX ENRICHMENT OR WGT % | 15c. MAX ISOTOPE WGT |

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16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

| | |
|---|---|
| 17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | 17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|---|---|

18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

| | | |
|---|--|---------------------------|
| 18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL PAUL LEONARD - VICE PRESIDENT | 18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Paul Leonard</i> | 18c. DATE 12/28/06 |
|---|--|---------------------------|

NRC FORM 250
(6-94)

NRC LICENSE NO.

2012

THIS LICENSE EXPIRES ~~31 March 2007~~

United States of America
Nuclear Regulatory Commission

XSOU8764
Amendment No. 01
Page 1 of 2

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

Integral Solids & Solutions (ISS)
107 Myrtle Avenue
Ramsey, NJ 07446

Attn: P. Leonard

See page 2 for list of Ultimate Consignees

(For use as a steel making additive)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NONE

OTHER PARTIES TO EXPORT

Suppliers:

- 1. Shieldalloy Metallurgical Corp. (SMC)
West Boulevard
Newfield, NJ 08344
- 2. Other U.S. companies as required

APPLICANT'S REF. NO.

Ltr. Dtd. 10/04/01

COUNTRY OF ULTIMATE DESTINATION

Canada

QUANTITY

DESCRIPTION OF MATERIALS OR FACILITIES

The licensee is authorized to export 125,237.0 kilograms of natural thorium and 39,360.0 kilograms natural uranium as slag contained in 90,718,474.0 kilograms of calcium aluminate ceramic residue from ferrocolumbium production.

The license is amended to extend the expiration date from 31 March 2002 to 31 March 2007.

All other conditions remain unchanged.

//////////////////////////////////////END//////////////////////////////////////

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Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVE

Ronald D. Hauber
Ronald D. Hauber, Deputy Director
Office of International Programs

DATE OF ISSUANCE October 25, 2001

ULTIMATE FOREIGN CONSIGNEE(S)

1. Co-Steel - LASCO
Whitby, Ontario, Canada
2. Courtice Steel
Cambridge, Ontario, Canada
3. Ispat - Sidbec
Contrecoeur, Quebec, Canada
4. IVACO Incorporated
L'Original, Ontario, Canada
5. Slater Steel
Willowdale, Ontario, Canada
6. Algoma Steel
Sault Ste Marie, Ontario, Canada
7. Dofasco
Hamilton, Ontario, Canada
8. Stelco
Contrecoeur, Quebec, Canada
9. Sydney Steel
Sydney, Nova Scotia, Canada
10. Manitoba Rolling Mills
Selkirk, Manitoba, Canada

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