

NRC FORM 7  
(6-2006)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

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

(See Instructions on Page 5)

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.

**PART A. FOR NRC USE ONLY**

PUBLIC OR  NON-PUBLIC

DATE RECEIVED  
8-21-06

LICENSE NUMBER  
XSOU8774-02

DOCKET NUMBER  
11005173

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**

CERAC, inc.  
407 North 13th Street  
Milwaukee, WI 53233

**1a. NAME OF APPLICANT'S CONTACT**

Gerard E. Manley

**1b. APPLICANT'S REFERENCE NUMBER**

XSOU8774-Renewal

**1c. PHONE NUMBER**

(414) 212-0277

**1d. FAX NUMBER**

(414) 289-9805

**1e. E-MAIL ADDRESS**

gerry.manley@cerac.com

**2. TYPE OF NRC LICENSE REQUESTED (Check One)**

EXPORT  
(Parts B, C, E)

IMPORT  
(Parts B, D, E)

COMBINED EXPORT/IMPORT  
(Parts B, C, D, E)

AMENDMENT/RENEWAL  
Existing License Number:  
XSOU8774

**3. CONTRACT NUMBER(S)**

**4. FIRST SHIPMENT DATE**

01/01/2007

**5. LAST SHIPMENT DATE**

12/31/2016

**6. PROPOSED EXPIRATION DATE**

01/01/2017

**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**

CERAC, inc.  
Address same as above.

**8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)**

New Metals and Chemicals Corp.  
Kyobashi TD Building  
5F 2-5, 1-chome  
Kyobashi, Chuo-Ku  
Tokyo, 104-0031  
Japan

**9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)**

See Attached Sheet

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**7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED**

Manufacturer and Exporter

**8a. INTERMEDIATE USE(S)**

Agents for Transport Purposes Only

**9a. ULTIMATE END USE(S)**

Non-nuclear end uses.

**10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS**

Thorium contained in 60,000 Kgs of thorium oxides, nitrates, fluorides and other thorium compounds in granular form.

**10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)**

50,000 Kgs

**10b. MAX ENRICHMENT OR WGT %**

87.8 wgt %

**10c. MAX ISOTOPE WGT (KG)**

50,000 Kgs

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

NA

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <b>X5048774-2</b>	DOCKET NUMBER <b>11005-173</b>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**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)
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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)	

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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 (KG)
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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
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**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 Bart Ott VP/General Manager CERAC, inc.	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 7/31/06
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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>XS048774-02</i>	DOCKET NUMBER <i>11005173</i>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

## 9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)

- A. Toshiba Materials Co., Ltd  
8, Shin Sugita-cho, Isogo-ku,  
Yokohama City, Kanagawa Prefecture 235-8522  
Japan

Ultimate End Use – Material will be used for Tig welding and as a material in electrodes for electric discharging lamps (non-nuclear end use).

- B. Lighting Company  
Matsuhita Electronics Industrial Co., Ltd  
1-1 Saiwai-Cho,  
Takatsuki City, Osaka Prefecture 569-1193  
Japan

Ultimate End Use – Material will be used in the production of thoriated tungsten rods (non-nuclear end use).

- C. Sumitomo Electric Industries, Ltd  
1-3-3 Shimaya, Konohana-ku  
Osaka City, Osaka Prefecture, 554-0024  
Japan

Ultimate End Use – Material will be used for AR coating for CO2 laser optics (non-nuclear end use).

- D. GS Yuasa Lighting Ltd.  
1, Inobaba-cho, Nishinosho, Kisshoin  
Minami-ku, Kyoto City, 601-8520  
Japan

Ultimate End Use – Material will be used in the production and R&D for various kinds of discharge lamps (non-nuclear end use).

- E. Kishida Chemical Co., Ltd.  
1-22 Honchobashi, Chou-ku,  
Osaka City, Osaka Prefecture, 540-0029  
Japan

Ultimate End Use – Material will be used to quantitatively analyze for fluorine constituent in hydrogen fluoride and other fluorides (non-nuclear end use).

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XSOU 8774-02  
11005173

Ms. Janice Owens  
Export/Import Licensing Officer  
Office of International Programs  
Mail Stop O4E21  
Washington DC 20555-0001

August 7, 2006


Dear Janice,

Enclosed please find a completed renewal application for Export License # XSOU8774.

Two checks totaling \$1700 are enclosed to cover the renewal application fee.

If you have any questions or comments regarding this renewal application, please do not hesitate to contact me at (414) 212-0277.

Thank you.

  
Gerard E. Manley, CHMM  
Radiation Safety Officer  
Director, Safety & Environmental  
CERAC, inc.

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