

**NRC FORM 7 (3-94)**  
**10 CFR 110**  
**U.S. NUCLEAR REGULATORY COMMISSION**  
**APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT**  
*(See Instructions on Reverse)*

APPROVED BY OMB: NO. 3160-0027  
 EXPIRES: 3-31-97  
 ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1.7 HOURS. THIS MANDATORY SUBMITTAL IS REVIEWED TO ENSURE THAT THE APPLICABLE STATUTORY, REGULATORY, AND POLICY CONSIDERATIONS ARE SATISFIED. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-8 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE	a. DATE OF APPLICATION 11-24-99	b. APPLICANT'S REFERENCE XU08687	2. NRC USE	DOCKET NUMBER XU08687	LICENSE NUMBER XS008774
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3. APPLICANT'S NAME AND ADDRESS a. NAME CERAC, incorporated b. STREET ADDRESS (Facility Site) 407 North 13th Street c. CITY Milwaukee d. STATE WI e. ZIP CODE 53233			4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i> a. NAME b. STREET ADDRESS c. CITY d. STATE e. ZIP CODE		
f. TELEPHONE NUMBER (Area Code - Number - Extension) (414) 289-9800 x277					

5. FIRST SHIPMENT SCHEDULED per customer release	6. FINAL SHIPMENT SCHEDULED per customer release	7. APPLICANT'S CONTRACTUAL DELIVERY DATE	8. PROPOSED LICENSE EXPIRATION DATE 12-31-06	9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known)
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10. ULTIMATE FOREIGN CONSIGNEE a. NAME See Attached b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY		11. ULTIMATE END USE <i>(Include plant or facility name)</i> See Attached 11a. DATE REQUIRED 1-1-00	
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12. INTERMEDIATE FOREIGN CONSIGNEE a. NAME New Metals and Chemicals Corporation b. STREET ADDRESS 413 Sanchome, Shin Dai Ichi Building c. CITY Nihonbashi, Chuoko, Tokyo d. COUNTRY Japan		13. INTERMEDIATE END USE Agents for Transport Purposes Only 13a. DATE REQUIRED 1-1-00	
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14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY		15. INTERMEDIATE END USE 15a. DATE REQUIRED	
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18. COM CODE	17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>	19. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT
	Thorium contained in 60,000 kilograms of thorium oxides, nitrates and other thorium compounds	50,000 kg	87.8	50,000 kg	kg

22. COUNTRY OF ORIGIN -- SOURCE MATERIAL France	23. COUNTRY OF ORIGIN -- SNM WHERE ENRICHED OR PRODUCED	24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known) 95 17 Hd 1-370 666
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25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION *(Use separate sheet if necessary)*  
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26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.	27. AUTHORIZED OFFICIAL a. SIGNATURE <i>[Signature]</i> b. TITLE Radiation Safety Officer
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PDF EXPORT XS008774

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CERAC, inc.  
Attachment to Renewal Application For License to  
Export Nuclear Material and Equipment  
For Existing License Number XU08687

10.a. Ultimate Foreign Consignee

A. Nippon Tungsten Co., Ltd.  
20-31, 2-Chome, Shimizu, Minami-Ku,  
Fukuoda City, Fukuoka Prefecture, Japan

B. Toshiba Corporation  
8, Shinsugita-cho, Isogo-ku,  
Yokohama, Japan

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

10.a. Ultimate Foreign Consignee

C. Hitachi Ltd.  
3300 Hayano, Mobara City  
Chiba Prefecture, Japan

D. Matsuhita Electronics  
1-1 Saiwai-Cho, Takatsuki City  
1-2 Osaka, Japan

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

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**EXPORT LICENSE**

NRC FORM 250  
(9-87)

NRC LICENSE NO.

**THIS LICENSE EXPIRES 31 December 1999**

**United States of America**  
**Nuclear Regulatory Commission**

XU08687

Amendment No. 01

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.

<p align="center"><b>LICENSEE</b></p> <p><b>NAME</b> Cerac, Incorporated</p> <p><b>ADDRESS</b> 407 North 13th Street Milwaukee, WI 53233</p> <p>Attn: Cindy Marko</p>	<p align="center"><b>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p>1) Nippon Tungsten Co., Ltd. 20-31, 2-Chome, Shimizu, Minami-Ku, Fukuoka City, Fukuoka Prefecture, Japan</p> <p><b>NAME</b></p> <p>2) Toshiba Corporation 8, Shinsugita-cho, Isogo-ku, Yokohama, Japan</p> <p><b>ADDRESS</b></p> <p>(Material will be used for Tig welding and as a material in electrodes for electric discharging lamps (non-nuclear end use).)</p>
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<p align="center"><b>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p><b>NAME</b> New Metals and Chemicals Corporation</p> <p><b>ADDRESS</b> 413 Sanchoe, Shin Dai Ichi Building Nihonbashi, Chuoku, Tokyo, Japan</p> <p>(Agents for Transport Purposes Only)</p>	<p align="center"><b>OTHER PARTIES TO EXPORT</b></p> <p>3) Hitachi Ltd. 3300 Hayano, Mobara City Chiba Prefecture, Japan</p> <p>4) Matsuhita Electronics 1-1 Saiwai-Cho, Takatsuki City Osaka, Japan</p> <p>(Material will be used in the production of thoriated tungsten rods (non-nuclear end use).)</p>
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**APPLICANT'S REF. NO.** TLX 15791; TLX 15204 & 7/17792 **COUNTRY OF ULTIMATE DESTINATION** Japan

<p><b>QUANTITY</b></p>	<p align="center"><b>DESCRIPTION OF MATERIALS OR FACILITIES</b></p> <p>The licensee is authorized to export 50,000.0 kilograms of thorium contained in 60,000.0 kilograms of thorium oxides, nitrates and other compounds.</p> <p>This license is amended to: 1) combine existing licenses XT08662 and XU08687; 2) add Hitachi Ltd. and Matsuhita Electronics as ultimate consignees; 3) increase the quantity of material from 7,030.32 kilograms thorium/8,000.0 kilograms thorium compounds to 50,000.0 kilograms thorium/60,000.0 kilograms thorium compounds, an increase of 42,969.68 kilograms thorium/52,000.0 kilogram thorium compounds; and, 4) extend the expiration date to 31 December 1999.</p> <p>All other conditions remain unchanged.</p> <p align="center">//////////////////////END//////////////////////</p>
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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 IN FULL FORCE AND EFFECT ONLY WHEN SIGNED BY AUTHORIZED NRC REPRESENTATIVE

*Ronald D. Hauber*

**RECEIVED**

Ronald D. Hauber, Assistant Director  
for Exports, Security and Safety Cooperation  
Office of International Programs

**SEP 23 1992**

DATE OF ISSUANCE \_\_\_\_\_