

EXPORT LICENSE

NRC FORM 250
(6-84)

NRC LICENSE NO.

January 1, 2017

THIS LICENSE EXPIRES _____

XSOU8774
Amendment No. 02
Page 1 of 2

United States of America
Nuclear Regulatory Commission

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">LICENSEE</p> <p>CERAC, Inc. 407 North 13th Street Milwaukee, WI 53233</p> <p>Attn: Gerald E. Manley</p>	<p align="center">ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</p> <p align="center">Ultimate Consignees listed on Page 2</p>
<p align="center">INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>New Metals and Chemicals Corp. Kyobashi TD Building 5F 2-5, 1-Chome Kyobashi, Chuo-Ku Tokyo, 104-0031 Japan</p> <p>(Agents for Transport Purposes Only)</p>	<p align="center">OTHER PARTIES TO EXPORT</p>

<p>APPLICANT'S REF. NO. Appl. Dtd. 08/07/06</p>	<p>COUNTRY OF ULTIMATE DESTINATION Japan</p>
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<p align="center">QUANTITY</p>	<p align="center">DESCRIPTION OF MATERIALS OR FACILITIES</p> <p>The licensee is authorized to export a maximum, cumulative total not to exceed 50,000.0 kilograms of thorium contained in 60,000.0 kilograms of thorium oxides, nitrates, and other compounds for non-nuclear end uses.</p> <p align="right">XSOU8774, Amendment No. 02 continued on Page 2 of 2</p>
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Neither this license or 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

Margaret M. Doane
Margaret M. Doane, Deputy Director
Office of International Programs

DATE OF ISSUANCE October 18, 2006

ULTIMATE FOREIGN CONSIGNEES:

1. 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).

2. 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).

3. 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).

4. 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).

5. 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).

DESCRIPTION OF MATERIALS OR FACILITIES:

The license is being amended to: 1) extend the expiration date from December 31, 2006, to January 1, 2017; 2) reflect name and address changes for Ultimate Foreign Consignees; and 3) clarify that from issuance of the original license on December 22, 1999 to expiration of this amendment, the total quantity of material authorized for export is 50,000.0 kilograms of thorium contained in 60,000.0 kilograms of thorium oxides, nitrates, and other compounds for non-nuclear end uses.

No other changes are made.

All other conditions remain unchanged.

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