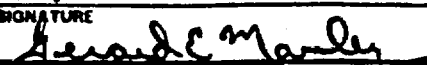


<b>NRC FORM 7 (3-84)</b> 10 CFR 110 <b>U.S. NUCLEAR REGULATORY COMMISSION</b> <b>APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT</b> <i>(See Instructions on Reverse)</i>			APPROVED BY OMB: NO. 3150-0027 EXP. DATE: 9-31-97 ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION 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 F32L 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 →	2. DATE OF APPLICATION 11-24-99	3. APPLICANT'S REFERENCE XT08692	4. NRC USE →	5. SOCKET NUMBER 11005172	6. LICENSE NUMBER KSN18773		
3. APPLICANT'S NAME AND ADDRESS			4. SUPPLIER'S NAME AND ADDRESS				
a. NAME CERAC, incorporated			4. NAME				
b. STREET ADDRESS (Facility Site) 407 North 13th Street			4. STREET ADDRESS				
c. CITY Milwaukee		d. STATE WI	e. ZIP CODE 53233				
f. TELEPHONE NUMBER (Area Code - Number - Extension) (414) 289-9800 x277			c. CITY		e. ZIP CODE		
5. FIRST SHIPMENT SCHEDULED	6. FINAL SHIPMENT SCHEDULED	7. APPLICANT'S CONTRACTUAL DELIVERY DATE	8. PROPOSED LICENSE EXPIRATION DATE	9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known)			
per customer release	per customer release		12-31-06				
10. ULTIMATE FOREIGN CONSIGNEE			11. ULTIMATE END USE				
a. NAME Balzers AG			b. END USE CODE				
b. STREET ADDRESS (Facility Site) Werk I, FL-9496 Bälzers			For resale in Europe only to various customers for optical coating work.				
c. CITY		d. COUNTRY Liechtenstein	11a. DATE REQUIRED: 01-01-00				
12. INTERMEDIATE FOREIGN CONSIGNEE			13. INTERMEDIATE END USE				
a. NAME Natural AG			b. END USE CODE				
b. STREET ADDRESS Internationale Transport			For Transport Purposes Only				
c. CITY Zurich		d. COUNTRY Switzerland	13a. DATE REQUIRED 01-01-00				
14. INTERMEDIATE FOREIGN CONSIGNEE			15. INTERMEDIATE END USE				
a. NAME			b. END USE CODE				
b. STREET ADDRESS (Facility Site)			15a. DATE REQUIRED				
c. CITY		d. COUNTRY					
18. COM CODE	17. DESCRIPTION <i>(Includes chemical and physical form of nuclear material; give dollar value of nuclear equipment and components.)</i>		19. MAX. ELEMENT WEIGHT	20. MAX. WT. %	21. MAX. ISOTOPE WEIGHT	22. UNIT	
	Thorium contained in 750 kilograms of thorium fluoroide in granular form (non-nuclear end use).		600 kilogram	75.3	600 kg	kg	
22. COUNTRY OF ORIGIN -- SOURCE MATERIAL		23. COUNTRY OF ORIGIN -- ENRICHED OR PRODUCED	24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known)				
France							
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)							
PPL export KSN18773 95 th Hd 1-330 6661 RECEIVED OIP Radiation Safety Officer							
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		b. TITLE			
				Radiation Safety Officer			

DF03

**EXPORT LICENSE**

NRC FORM 230  
(6-87)

NRC LICENSE NO.

**THIS LICENSE EXPIRES 31 December 1999**

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

**XT08692**  
**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><b>Attn:</b> Cindy Marko</p>	<p align="center"><b>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p><b>NAME</b> Balzers AG</p> <p><b>ADDRESS</b> Werk I, FL-9496 Balzers Liechtenstein</p> <p>(For resale in Europe only to various customers for optical coating work.)</p>
<p align="center"><b>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</b></p> <p><b>NAME</b> Natural AG</p> <p><b>ADDRESS</b> Internationale Transporte Zurich, Switzerland</p> <p>(For transport purposes only)</p>	<p align="center"><b>OTHER PARTIES TO EXPORT</b></p> <p align="center">NONE</p>
<p><b>APPLICANT'S REF. NO.</b> Ltr. dtd. 7/17/92</p>	<p><b>COUNTRY OF ULTIMATE DESTINATION</b> Liechtenstein</p>

<p align="center"><b>QUANTITY</b></p>	<p align="center"><b>DESCRIPTION OF MATERIALS OR FACILITIES</b></p> <p>The licensee is authorized to export 600.0 kilograms of thorium contained in 750.0 kilograms of thorium fluoride in granular form (for non-nuclear end use)</p> <p>This license is amended to: 1) increase the quantity of material from 113.0 kilograms thorium/150.0 kilograms thorium fluoride to 600.0 kilograms thorium/750.0 kilograms thorium fluoride an increase of 487.0 kilograms thorium/600.0 kilograms thorium fluoride; and, 2) extend the expiration date from 31 January 1993 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 106 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. Haubert*  
 Ronald D. Haubert, Assistant Director  
 for Exports, Security, and Safety Cooperation  
 Office of International Affairs  
 SEP 28 1992

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