

**APPLICATION FOR LICENSE TO EXPORT
NUCLEAR MATERIAL AND EQUIPMENT**

(See Instructions on Reverse)

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 (7-8733, U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545-8001), AND TO THE PAPERWORK REDUCTION PROJECT (9150-0027, OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503).

1. APPLICANT'S USE		a. DATE OF APPLICATION 12/02/99		b. APPLICANT'S REFERENCE		2. NR. USE 11005181		LICENSE NUMBER X5048777				
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
a. NAME Cabot Corporation						b. STREET ADDRESS (Facility Site)						
b. STREET ADDRESS (Facility Site) County Line Road						a. NAME						
c. CITY Boyertown			d. STATE PA		e. ZIP CODE 19512		b. STREET ADDRESS					
1. TELEPHONE NUMBER (Area Code - Number - Extension) 610-369-8451				c. CITY		d. STATE		e. ZIP CODE				
5. FIRST SHIPMENT SCHEDULED ASAP		6. FINAL SHIPMENT SCHEDULED December 2003		7. APPLICANT'S CONTRACTUAL DELIVERY DATE ASAP		8. PROPOSED LICENSE EXPIRATION DATE December 2003		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known)				
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE						
a. NAME See Attachment						b. STREET ADDRESS (Facility Site)						
b. STREET ADDRESS (Facility Site)						c. CITY						
c. CITY						d. COUNTRY						
12. INTERMEDIATE FOREIGN CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME Trademet S.A. c/o Steinweg Warehousing						b. STREET ADDRESS						
b. STREET ADDRESS 28 Jurong Port Road						c. CITY						
c. CITY Singapore						d. COUNTRY Singapore						
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME						b. STREET ADDRESS (Facility Site)						
b. STREET ADDRESS (Facility Site)						c. CITY						
c. CITY						d. COUNTRY						
16. COM CODE						17. DESCRIPTION						
(include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)						18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT		21. UNIT
Natural uranium and thorium as contaminants contained in 500,000 kg tantalite ore. See Attachment for weights.						1,610				Natural U		kg
						2,125				Natural Th		kg
22. COUNTRY OF ORIGIN -- SOURCE MATERIAL				23. COUNTRY OF ORIGIN -- SMM WHERE ENRICHED OR PRODUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known)						
See Attachment				N/A		N/A						
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)												
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 Paul Kuter			b. TITLE Materials Acquisition Manager			

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ATTACHMENT

10. Ultimate Consignee

- a) Zhuzhou Cemented Carbide Works Import/Export Co.
Zhuzhou, Hunan, P.R. China
- b) Hengyang Kingxing-Lifeng New Materials Co. Ltd.
Hengyang City, Hunan, P.R. China
- c) Conghua Tantalum & Niobium Smelter
Conghua, Guangdong, P.R. China
- d) Limu Nonferrous Co. Ltd.
Limu, Guangxi, P.R. China
- e) Douloshan Sapphire Rare Metal Co. Ltd.
Sihui, Hunan, P.R. China
- f) Jiujiang Nonfemet Factory (806)
Jiugiang, Jiangxi, P.R. China

10. Intermediate Foreign Consignee

One intermediate foreign consignee is listed on the FORM 7. We hope to ship most material directly to the ultimate foreign consignee.

18.	Country of Origin	kg Ore	kg U	kg Th
22.	Kazakhstan	100,000	100	115
	Thailand	375,000	1,500	2,000
	Zimbabwe	<u>25,000</u>	<u>10</u>	<u>10</u>
	TOTAL	500,000	1,610	2,125

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