

**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	2. DATE OF APPLICATION	3. APPLICANT'S REFERENCE	4. NR: USE
	12/02/99		11005181 X5048777

5. APPLICANT'S NAME AND ADDRESS	6. SUPPLIER'S NAME AND ADDRESS
	(Complete if applicant is not supplier of material)

a. NAME	b. STREET ADDRESS (Facility Site)
Cabot Corporation	County Line Road

c. CITY	d. STATE	e. ZIP CODE	f. STREET ADDRESS
Boyertown	PA	19512	

g. TELEPHONE NUMBER (Area Code - Number - Extension)	h. CITY	i. STATE	j. ZIP CODE
610-369-8451			

7. FIRST SHIPMENT SCHEDULED	8. FINAL SHIPMENT SCHEDULED	9. APPLICANT'S CONTRACTUAL DELIVERY DATE	10. PROPOSED LICENSE EXPIRATION DATE	11. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known)
ASAP	December 2003	ASAP	December 2003	

12. ULTIMATE FOREIGN CONSIGNEE	13. ULTIMATE END USE
	(Use Code)

a. NAME	b. STREET ADDRESS (Facility Site)	c. CITY	d. COUNTRY
See Attachment			

Recovery of the tantalum for production of potassium tantalum fluoride for sale to Cabot Corporation.
11a. DATE REQUIRED Non-Nuclear End Use.

14. INTERMEDIATE FOREIGN CONSIGNEE	15. INTERMEDIATE END USE
	(Use Code)

a. NAME	b. STREET ADDRESS	c. CITY	d. COUNTRY
Trademet S.A. c/o Steinweg Warehousing	28 Jurong Port Road	Singapore	Singapore

Freight Forwarding
15a. DATE REQUIRED

16. INTERMEDIATE FOREIGN CONSIGNEE	17. INTERMEDIATE END USE
	(Use Code)

a. NAME	b. STREET ADDRESS (Facility Site)	c. CITY	d. COUNTRY

17a. DATE REQUIRED

18. 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 -- 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	b. TITLE
	<i>Paul Kuter</i>	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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