

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

APPROVED BY OMB: NO. 9150-0627
 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 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (9150-0022), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE →	2. DATE OF APPLICATION 12/02/99	3. APPLICANT'S REFERENCE	4. NRC USE →	1105181	X50U8777
5. APPLICANT'S NAME AND ADDRESS a. NAME Cabot Corporation b. STREET ADDRESS (Facility Site) County Line Road c. CITY Boyertown d. STATE PA e. ZIP CODE 19512			6. 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		
7. TELEPHONE NUMBER (Area Code - Number - Extension) 610-369-8451			8. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known)		

9. FIRST SHIPMENT SCHEDULED ASAP	10. FINAL SHIPMENT SCHEDULED December 2003	11. APPLICANT'S CONTRACTUAL DELIVERY DATE ASAP	12. PROPOSED LICENSE EXPIRATION DATE December 2003
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13. ULTIMATE FOREIGN CONSIGNEE a. NAME See Attachment b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY

14. ULTIMATE END USE <i>(include plant or facility name)</i> Recovery of the tantalum for production of potassium tantalum fluoride for sale to Cabot Corporation. 14a. DATE REQUIRED Non-Nuclear End Use.

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

16. INTERMEDIATE END USE 16a. DATE REQUIRED Freight Forwarding

17. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY

18. INTERMEDIATE END USE 18a. DATE REQUIRED

19. COM CODE	17. DESCRIPTION <i>(include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>	20. MAX. ELEMENT WEIGHT	21. MAX. WT. %	22. MAX. ISOTOPE WEIGHT	23. 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

24. COUNTRY OF ORIGIN -- SOURCE MATERIAL See Attachment	25. COUNTRY OF ORIGIN -- ENRICHED OR PRODUCED N/A	26. COUNTRIES WHICH ATTACH SAFEGUARDS (if known) N/A
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27. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION *(Use separate sheet if necessary)*

28. 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.

29. AUTHORIZED OFFICIAL	30. SIGNATURE <i>Paul Kuter</i>	31. TITLE Materials Acquisition Manager
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PDR EXPORT X5008777

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