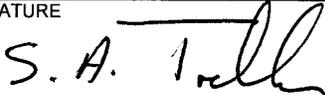


APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is, not required to respond to, the information collection.

(See Instructions on Reverse)

1. APPLICANT'S USE →		a. DATE OF APPLICATION 8/7/00	b. APPLICANT'S REFERENCE Silex 1		2. NRC USE →	DOCKET NUMBER 11005227	b. LICENSE NUMBER XCOM 1139		
3. APPLICANT'S NAME AND ADDRESS a. NAME USEC b. STREET ADDRESS (Facility Site) 6903 Rockledge Drive c. CITY Bethesda d. STATE MD e. ZIP CODE 20817 f. TELEPHONE NUMBER (Area Code Number - Extension) (301) 564-3200					4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier) a. NAME See Attached b. STREET ADDRESS				
5. FIRST SHIPMENT SCHEDULED 11/1/00		6. FINAL SHIPMENT SCHEDULED 10/15/05		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE 9. EXPIRATION DATE 10/31/05		U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known) None	
10. ULTIMATE FOREIGN CONSIGNEE a. NAME Silex Systems Limited b. STREET ADDRESS (Facility Site) Lucas Heights Science & Tech. Center, New Illawarra Road, B-64 c. CITY Lucas Heights, NSW d. COUNTRY Australia			RIS		11. ULTIMATE END USE (include plant or facility name) SILEX Enrichment Project 11 a. DATE REQUIRED			USE CODE	
12. a. NAME Other Parties to the Export - See Attachment b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			RIS		13. INTERMEDIATE END USE 13a. DATE REQUIRED			USE CODE	
14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY			RIS		15. INTERMEDIATE END USE 15a. DATE REQUIRED			USE CODE	
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	
	Vacuum System \$400,000 Sleeve Assembly \$180,000 Collector Assemblies \$150,000 Other specially designed equipment/ Components as required \$200,000 Spare and replacement parts \$ 25,000								
22. COUNTRY OF ORIGIN SOURCE MATERIAL			23. COUNTRY OF ORIGIN -- SNM WHERE ENRICH OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known)			
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) See Attached									
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 Director, Nuclear Regulatory Affairs				

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Attachment to Silex 1 Export License Application

Suppliers:

- 1) Transfer Engineering and Manufacturing, Fremont, Ca.
- 2) Other U.S. suppliers as required

Other Parties to the Export:

- 1) Transnuclear Corp.
- 2) Edlow International
- 3) Others as might be required

Additional Information on Consignees, End Uses and Product Description:

An Agreement for Cooperation between the United States of America and Australia permitting cooperative research and development of Silex technology became effective on May 24, 2000. The Department of Energy has authorized USEC to evaluate the commercial viability of the Silex uranium enrichment technology pursuant to the regulations in 10 CFR 810. As part of the evaluation, USEC is sponsoring and participating in a Silex enrichment experiment to be conducted at Silex Systems Limited in Australia. The vacuum system, sleeve assembly and collector assemblies are specially designed or prepared components for use in the enrichment experiment.