

# 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 HOUR. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MIBS 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

1. APPLICANT'S USE		a. DATE OF APPLICATION 4/21/1999		b. APPLICANT'S REFERENCE		2. NRC USE		DOCKET NO. 11005104		LICENSE NO. XSNM03079			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME U. S. DEPARTMENT OF ENERGY						ARGONNE NATIONAL LABORATORY-ILLINOIS SITE							
b. STREET ADDRESS CHICAGO OPERATIONS OFFICE 9800 SO CASS						a. NAME 9800 SOUTH CASS							
c. CITY ARGONNE				STATE IL		ZIP CODE 60439		b. STREET ADDRESS ARGONNE,					
d. TELEPHONE NUMBER (Area Code - Number - Extension) 630-252-2073						c. CITY		STATE IL		ZIP CODE 60439			
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)					
August 1999		May 2002				6/30/2002							
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)							
a. NAME Australian Nuclear Science and Technology Org.						USE CODE Testing and demonstrating in the HIFAR Targets for the production of molybdenum-99. This work furthers the non-proliferation goals of the RERT program							
b. STREET ADDRESS (Facility Site) New Illawarra Road						11a. DATE REQUIRED 8/99							
c. CITY Lucas Heights, NSW				d. COUNTRY Australia		12. INTERMEDIATE FOREIGN CONSIGNEE							
a. NAME						13. INTERMEDIATE END USE							
b. STREET ADDRESS (Facility Site)						USE CODE							
c. CITY				d. COUNTRY		13a. DATE REQUIRED							
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME						USE CODE							
b. STREET ADDRESS (Facility Site)						15a. DATE REQUIRED							
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	
		Uranium, either pure or alloyed with approx .045 weight percent iron and .10 weight percent aluminum, in the form of thin (0.1 to .2 mm-thick) foils. The foils may be coated with a thin (approx .15 microgram thick) layer of nickel or zinc. The foils may be shipped separately or may be contained in irradiation targets				1,000		19.95		199.5		grms	
22. COUNTRY OF ORIGIN.- SOURCE MATERIAL				23. COUNTRY OF ORIGIN.-SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)													
9905030283 990422 PDR XPORT XSNM-3079 PDR 3 1099 APR 28 AM 6:24													
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 <i>John J. Benegish</i>				b. TITLE Team Leader, Safeguards & Security					