

APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 1/2/90		d. APPLICANT'S REFERENCE		2. NRC USE		a. DOCKET NO. 11004241		b. LICENSE NO. XB001277			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME SHIELD SOURCE INC						RIS U.S. DEPT OF ENERGY							
b. STREET ADDRESS RT 2 BOX 19C VFW RD						a. NAME OAK RIDGE NATIONAL LABS							
c. CITY GRASONVILLE				STATE MD		ZIP CODE 21638		b. STREET ADDRESS					
d. TELEPHONE NUMBER (Area Code - Number - Extension) 301/827-6022						c. CITY OAK RIDGE		STATE TN		ZIP CODE			
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)					
FEB 1990		FEB 1991				FEB 1991							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)							
a. NAME SHIELD SOURCE INC						MANUFACTURE OF GASEOUS TRITIUM LIGHT SOURCES AT SHIELD SOURCE, INC PETERBOROUGH ONT. FACILITY							
b. STREET ADDRESS RRS MUNICIPAL AIRPORT						11a. EST. DATE OF FIRST USE FEB 1990							
c. CITY - STATE - COUNTRY PETERBOROUGH, ONT CANADA						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE							
a. NAME						NONE							
b. STREET ADDRESS						NONE							
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE							
14. INTERMEDIATE CONSIGNEE						NONE							
a. NAME						NONE							
b. STREET ADDRESS						NONE							
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE							
16. NRC USE						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 WT.	21. UNIT
						TRITIUM GAS T ₂ 200,000							Ci
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
USA				USA				CANADA					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
SEE LETTER 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				
9001220119 900102 PDR XPORT XB-1277						William Hegarty			PRESIDENT				
PDC													

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