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

1. APPLICANT'S USE		a. DATE OF APPLICATION 12-SEP-79		b. APPLICANT'S REFERENCE F-1		2. NRC USE		a. LICENSE NO. XB 001650		b. DOCKET NO. 11000834			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME Canberra Industries						a. NAME N/A							
b. STREET ADDRESS 70 Gracey Avenue						b. STREET ADDRESS							
c. CITY Meriden				STATE CT		ZIP CODE 06450		b. STREET ADDRESS					
d. TELEPHONE NUMBER (Area Code - Number - Extension) 203-238-2351 X142(E. Fisher)						c. CITY		STATE		ZIP CODE			
5. FIRST SHIPMENT SCHEDULED 10-4-79		6. FINAL SHIPMENT SCHEDULED 10-4-79		7. APPLICANT'S CONTRACTUAL DELIVERY DATE N/A		8. PROPOSED LICENSE EXPIRATION DATE 1-DEC-79		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) ---					
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE							
a. NAME * see below						(Include plant or facility name) Demonstration of Canberra's equipment at the Institutions in attached list.							
b. STREET ADDRESS						11a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE							
a. NAME						---							
b. STREET ADDRESS						---							
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME						---							
b. STREET ADDRESS						---							
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	
		<ul style="list-style-type: none"> <li>1) Na-22 Point Source</li> <li>2) Co-57 Point Source</li> <li>3) FE-55 Point Source</li> <li>4) CO-60 Point Source</li> <li>5) Mixed Point Source containing: CO-57, CO-109, SR85, CE-139, CS-137, Y-88, CO-60, SN-113, HG-203</li> </ul>				1.5 $\mu$ c .5 $\mu$ c 3 $\mu$ c 1.5 $\mu$ c  <2 $\mu$ c total							
								1075		348			
22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) 7910020187					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) Sources will be used to demonstrate performance of detectors sold by Canberra. At all times they will be in the possession of E. Fisher of Canberra, and will be returned to U.S.A.													
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>David G. Fisher</i>				b. TITLE MANAGER, CUSTOMER ENGINEERING					

EXPORT REPORT  
 INT. NAT'L. SFGRDS  
 1979 SEP 17 AM 11 11  
 RECEIVED  
 U.S. NRC

10. Canberra Industries, Inc. will be the ultimate consignee of the sources. These sources will be used at the following destinations in the People's Republic of China and then returned to the U.S.:

China Geological Exploration Corporation, Peking, People's Republic of China  
China Geological Exploration Corporation, Shantung, People's Republic of China  
China Geological Exploration Corporation, Chengto, People's Republic of China

Export License Application No. A381361  
pending with U.S. Department of Commerce.

Institute of Geochemistry, Academia Sinica, 50 Kuan Shui Rd.,  
Guiyang Guizhou Province, People's Republic of China

U.S. Department of Commerce Export License  
No. A376032 (90611).

Shanghai Fu Tan University, Shanghai, People's Republic of China

U.S. Department of Commerce Export License  
No. A376033 (90702).

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