

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 16 July 1985		b. APPLICANT'S REFERENCE AMS-4		2. NRC USE		a. DOCKET NO. 1150 3776		b. LICENSE NO. XB 001237	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME Edlow International Company as agent for: Amersham International Ltd.						a. NAME U.S. Department of Energy					
b. STREET ADDRESS 1815 H Street, N.W., Suite 910						b. STREET ADDRESS Oak Ridge National Laboratory					
c. CITY Washington,						STATE D.C.		ZIP CODE 20006		c. CITY Oak Ridge,	
d. TELEPHONE NUMBER (Area Code - Number - Extension) (202) 833-8237						STATE TN		ZIP CODE 37830			
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)			
As soon as possible		-----		-----		One (1) year from issuance		-----			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME African Explosives and Chemical Industries						For their isotope unit to complete tracing experiments.					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY Germiston 1400, South Africa						11a. EST. DATE OF FIRST USE					
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME Amersham International Ltd.						Resale.					
b. STREET ADDRESS White Lion Road, Amersham											
c. CITY - STATE - COUNTRY Buckinghamshire, England HP7 9LL						13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						15a. EST. DATE OF FIRST USE					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY											
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. WEIGHT		20. MAX. ISOTOPE WT.	
		Tritium 8507260378 850716 PDR XPORT XB-1237 PDR *Copy to PDR and ACC 7-18-85*				2 curies					
22. COUNTRY OF ORIGIN - SOURCE MATERIAL		23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED U.S.A.				24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known)					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) Two (2) individual shipments of 1 curie each.											
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 Lisa R. Harrington				b. TITLE Assistant Operations Manager					

RECEIVED
U.S. N.R.C.
JUL 17 1985
EXPORT IN PROGRESS
INT'L SAFEGUARDS