

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

1. APPLICANT'S USE		a. DATE OF APPLICATION Feb. 9 1981		b. APPLICANT'S REFERENCE G F Abel		2. NRC USE		a. DOCKET NO. 11002372		b. LICENSE NO. XMAT0170	
3. APPLICANT'S NAME AND ADDRESS						RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)			
a. NAME Bio-Rad Laboratories											
b. STREET ADDRESS 2200 Wright Avenue						a. NAME					
c. CITY Richmond,				STATE CA		ZIP CODE 94804		b. STREET ADDRESS			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (415) 234 4130x224						c. CITY				STATE 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)			
immediate		-----		asap		90 days		-----			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME Prof. Manabu Kojima						Stddy for the cell division of eggs from sea creatures - embryo-logic cytology March 1 1981 11a. EST. DATE OF FIRST USE immediate on receipt					
b. STREET ADDRESS Critical Sea Research Institute											
c. CITY - STATE - COUNTRY Nagoya University Nagoya Japan											
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME Nagoya Katakama Kagaku K.K.						(transport purposes)					
b. STREET ADDRESS 3-11-4 MARUNOUCHI						RECEIPT OF GOODS AND DELIVERY TO ULTIMATE CONSIGNEE					
c. CITY - STATE - COUNTRY NAKAKU NAGOYA JAPAN						March 1 1981					
14. INTERMEDIATE CONSIGNEE						13a. EST. DATE OF FIRST USE when received					
a. NAME NIPPON BIO RAD LABORATORIES K.K.						15. INTERMEDIATE END USE (documentation and transport purposes)					
b. STREET ADDRESS 6-11-9 ROPPONGI SWEDEN CENTER BLDG						SALE OF GOODS TO NAGOYA KATAKAMA FOR DELIVERY TO UNTIMATE CONSIGNEE					
c. CITY - STATE - COUNTRY MINATOKU TOKYO JAPAN						March 1 1981					
15a. EST. DATE OF FIRST USE same as 13.a.											
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. WGT. %		20. MAX ISOTOPE WT.	
		200 grams Deuterium isotope in the form of 1000 grams of Deuterium Oxide dollar value is \$345.00 ex-USA.				grams 1000		200 grams		g	
		*Copy to FDR and AOC 2-12-81.									
22. COUNTRY OF ORIGIN - SOURCE MATERIAL UNITED STATES				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED UNITED STATES				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)			
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
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 David A. Abel				b. TITLE Manager, Isotope Sales			



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POOR ORIGINAL