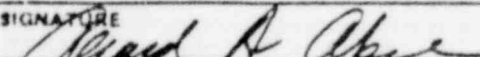


APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 1-25-80		D. APPLICANT'S REFERENCE G F Abel		2. NRC USE		a. DOCKET NO. 11001023		D. LICENSE NO. XMAT0095		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i>						
a. NAME Bio-Rad Laboratories						RIS						
b. STREET ADDRESS 2200 Wright Avenue						a. NAME						
c. CITY Richmond, California				STATE USA		ZIP CODE 94804		b. STREET ADDRESS				
d. TELEPHONE NUMBER (Area Code - Number - Extension) 415 234 4130 ext 224						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)				
immed on rept of license		same		none		60 days		none				
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i>						
a. NAME Manabu Kojima, Assoc. Prof. Biology,						"Study for the cell division of						
b. STREET ADDRESS Critical Sea Research Institute, Nagoya University, Nagoya, Japan						eggs from sea creatures-- embryologic cytology."						
c. CITY - STATE - COUNTRY NAGOYA JAPAN						11a. EST. DATE OF FIRST USE upon receipt						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME Bio-Rad Laboratories Japan K. K.						importer						
b. STREET ADDRESS 6-11-9 Roppongi Sweden Center Bldg						13a. EST. DATE OF FIRST USE immediate						
c. CITY - STATE - COUNTRY Minato ku Tokyo 106 Japan						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE						
a. NAME Muromachi Kagaku Kogyo Kaisha Ltd						immediate						
b. STREET ADDRESS 3,4-Chome, Muromachi, Nihobashi,						agent						
c. CITY - STATE - COUNTRY Chuo Ku, Tokyo, Japan						15a. EST. DATE OF FIRST USE						
16. NRC USE		17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.		21. UNIT
		Deuterium Oxide, total of 2 kilograms of Deuterium Oxide, which contains a total of 400 grams of Deuterium isotope. *Copy to FDR and ACC 2/11/80. +ORUD \$690.00 total.				400g D		100%		400g		gm
22. COUNTRY OF ORIGIN - SOURCE MATERIAL		23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)								
USA		USA		unknown								
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)												
Bio-Rad Japan is Bio Rad USA's agent. Muromachi is Bio-Rad Japan's agent. Material will travel from usa to Bio-Rad Japan and deliver to Muromachi who will deliver material to Professor Kojima. (Muromachi's customer.)												
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						
						Manager, Isotope Sales						
		Gerard F. Abel										