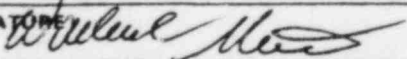


APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION Sept. 26, 1983		d. APPLICANT'S REFERENCE D-110		2. NRC USE		a. DOCKET NO. 1100 3312		b. LICENSE NO. XMAT0288			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS							
a. NAME Sigma Chemical Company						RIS							
b. STREET ADDRESS P.O. Box 14508						a. NAME							
c. CITY St. Louis			STATE MO		ZIP CODE 63178		b. STREET ADDRESS						
g. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765						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)					
Est. as soon as license issued		Est. 2 yrs from license issue		Not established		2 yrs. from issue		N/A					
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE							
a. NAME Univiersidade Nova de Lisboa						RIS							
b. STREET ADDRESS Av. Rovisco Dais						NMR Application in Analytical Chemistry (see attached)							
c. CITY - STATE - COUNTRY 1000 Lisboa, Portugal						11a. EST. DATE OF FIRST USE							
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE							
a. NAME						RIS							
b. STREET ADDRESS						13a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE							
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE							
a. NAME						RIS							
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. WT. %		20. MAX ISOTOPE WT.		21. UNIT	
		Compounds containing Deuterium; application is for shipment of equivalent of 5 kg of D ₂ O liquid over a 2-year period.								83 SEP 29 AM 1:29		RECEIVED USNRC	
		8310130391 830926 PDR XPORT XMAT-0288 PDR								OFFICE OF INTERNATIONAL PROGRAMS		RECEIVED USNRC	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL			23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)							
U.S.A.						Unknown							
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
*Copy to PDR and ACC 9-30-83.1													
25. 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					
								Vice President					