


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

1. APPLICANT'S USE		a. DATE OF APPLICATION Aug. 10, 1979		b. APPLICANT'S REFERENCE D-21		2. NRC USE		c. LICENSE NO. XMAT 0060		d. DOCKET NO. 11000762	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME Sigma Chemical Company						RIS 1979 AUG 14 AM 9 07					
b. STREET ADDRESS 3500 DeKalb Street						a. NAME					
c. CITY St. Louis				STATE MO		ZIP CODE 63118		b. STREET ADDRESS 100 E. ST. LOUIS			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765 Ext. 202						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		Not established		2 yrs from issue		n/a			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME Hampton & Co., Ltd.						NMR Applications in Analytical Chemistry See attached article.					
b. STREET ADDRESS 93 St. Andrew St. P. O. Box 815											
c. CITY - STATE - COUNTRY Dunedin New Zealand											
12. INTERMEDIATE CONSIGNEE						11a. EST. DATE OF FIRST USE					
a. NAME						RIS					
b. STREET ADDRESS						13. INTERMEDIATE END USE					
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						RIS					
b. STREET ADDRESS						15a. EST. DATE OF FIRST USE					
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 or equivalent of 5 kg of D ₂ O liquid over a 2-year period. See attached.									
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)											
303276 7909040434											
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			
								Walter C. Stern, Vice President			