

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

1. APPLICANT'S USE		2. NRC USE		3. LICENSE NO. XMAT0081		4. DOCKET NO. 11000934	
5. DATE OF APPLICATION Nov. 20, 1979		6. APPLICANT'S REFERENCE D-31		7. SUPPLIER'S NAME AND ADDRESS RIS			
8. APPLICANT'S NAME AND ADDRESS				9. SUPPLIER'S NAME AND ADDRESS			
a. NAME Sigma Chemical Company				a. NAME			
b. STREET ADDRESS 3500 DeKalb Street				b. STREET ADDRESS			
c. CITY St. Louis		STATE MO	ZIP CODE 63118	c. CITY		STATE	ZIP CODE
3. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765 Ext. 202				c. CITY			
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE	
Est. - as soon as license issued		Est. - 2 yrs. from license issue		Not Established		2 yrs. from issue	
9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)				N/A			
10. ULTIMATE CONSIGNEE				11. ULTIMATE END USE			
a. NAME University Melbourne				(Include plant or facility name)			
b. STREET ADDRESS Parkville 3052				NMR Applications in Analytical Chemistry. See attached article.			
c. CITY - STATE - COUNTRY Victoria, Australia				11a. EST. DATE OF FIRST USE			
12. INTERMEDIATE CONSIGNEE				13. INTERMEDIATE END USE			
a. NAME				13a. EST. DATE OF FIRST USE			
b. STREET ADDRESS				15. INTERMEDIATE END USE			
c. CITY - STATE - COUNTRY				15a. EST. DATE OF FIRST USE			
14. INTERMEDIATE CONSIGNEE				15. INTERMEDIATE END USE			
a. NAME				15a. EST. DATE OF FIRST USE			
b. STREET ADDRESS				15. INTERMEDIATE END USE			
c. CITY - STATE - COUNTRY				15a. EST. DATE OF FIRST USE			
15. NRC USE	17. DESCRIPTION			18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX ISOTOPE WT.	21. UNIT
	(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)						
	Compounds containing Deuterium; application is for shipment of equivalent of 5 kg of D ₂ O liquid over a 2-year period. See attached.						
	POOR ORIGINAL						
				RECEIVED U.S. NRC			
				1979 NOV 23 PM 9 22			
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.				EXPORT/INT'L SFGDRS Unknown			
25. ADDITIONAL INFORMATION (Use separate sheet if necessary).				INTERNAT'L SFGDRS 1543 359			
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		
		<i>Walter C. Stern</i>			Walter C. Stern, V.P.		