

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

PO24

1. APPLICANT'S USE		a. DATE OF APPLICATION June 29, 1979		b. APPLICANT'S REFERENCE D-20		2. NRC USE		a. LICENSE NO. XMAT0056		b. DOCKET NO. 11000706					
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS									
a. NAME Sigma Chemical Company						RIS									
b. STREET ADDRESS 3500 DeKalb Street						a. NAME									
c. CITY St. Louis			STATE MO		ZIP CODE 63118		b. STREET ADDRESS								
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 issue		Not established		2 yrs from issue		n/a							
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE									
a. NAME University of Sydney						RIS									
b. STREET ADDRESS Sydney NSW 2006						NMR Applications in Analytical Chemistry See attached article.									
c. CITY - STATE - COUNTRY Australia						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						19. MAX. WT. %									
c. CITY - STATE - COUNTRY						20. MAX ISOTOPE WT.									
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. NUCLEIDE ELEMENT U.S. WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.		21. UNIT			
		Compounds containing Deuterium; application is for shipment or equivalent of 5 kg of liquid over a 2-year period. See attached.				1979 JUL 3 PM 3 00									
22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A						23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Unknown						
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)												511 140		7807310040	
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					

POOR ORIGINAL