

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

ACU  
87

1. APPLICANT'S USE		a. DATE OF APPLICATION Dec. 28, 1979		b. APPLICANT'S REFERENCE D-33		2. NRC USE		a. LICENSE NO. XMA100PT		b. DOCKET NO. 11050987							
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						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			
5. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765 Ext. 202						6. PROPOSED LICENSE EXPIRATION DATE 2 yrs. from issue						9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A					
7. FIRST SHIPMENT SCHEDULED Est. - as soon as license issued		8. FINAL SHIPMENT SCHEDULED Est. - 2 yrs from license issue		7. APPLICANT'S CONTRACTUAL DELIVERY DATE Not Established		8. PROPOSED LICENSE EXPIRATION DATE 2 yrs. from issue		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A									
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)											
a. NAME Macquarie University						NMR Applications in Analytical Chemistry See attached article.											
b. STREET ADDRESS North Ryde N.S.W. 2113						11a. EST. DATE OF FIRST USE											
c. CITY - STATE - COUNTRY Australia						12. INTERMEDIATE END USE											
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE											
a. NAME						13a. EST. DATE OF FIRST USE											
b. STREET ADDRESS						14. INTERMEDIATE END USE											
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE											
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE											
a. NAME						18. MAX. ELEMENT WEIGHT											
b. STREET ADDRESS						19. MAX. WT. %											
c. CITY - STATE - COUNTRY						20. MAX ISOTOPE WT.											
15. INTERMEDIATE CONSIGNEE						21. UNIT											
a. NAME						17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)											
b. STREET ADDRESS						18. MAX. ELEMENT WEIGHT											
c. CITY - STATE - COUNTRY						19. MAX. WT. %											
16. NRC USE						20. MAX ISOTOPE WT.											
17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)						21. UNIT											
18. MAX. ELEMENT WEIGHT						22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.											
19. MAX. WT. %						23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED											
20. MAX ISOTOPE WT.						24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Unknown											
21. UNIT						25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
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)											
26. AUTHORIZED OFFICIAL						27. SIGNATURE Walter C. Stern, V.P.											
27. SIGNATURE						28. TITLE Walter C. Stern, V.P.											