

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

PDR

B-180223 (Rev. 5-77)

1. APPLICANT'S USE		2. DATE OF APPLICATION 11/13/81		3. APPLICANT'S REFERENCE D-88		4. NRC USE		5. DOCKET NO. 1102662		6. LICENSE NO. XMAT-0215	
7. APPLICANT'S NAME AND ADDRESS						8. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME Sigma Chemical Company						a. NAME 1981 NOV 18 PM 3 07					
b. STREET ADDRESS 3500 DeKalb Street						b. STREET ADDRESS					
c. CITY St. Louis				STATE MO		ZIP CODE 63118		c. CITY			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765						e. CITY				STATE	
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 Francisco Soria Melguizo, S.L.						NMR application in Analytical Chemistry (see attached)					
b. STREET ADDRESS Caramuel 38											
c. CITY - STATE - COUNTRY Madrid, Spain						11a. EST. DATE OF FIRST USE					
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME											
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME											
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE					
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.	
		Compounds containing Deuterium; application is for shipment of equivalent of 5 kg of D ₂ O liquid over a 2-year period. See attached.									
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)											
Copy to PDR and ACC 11-20-81											
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			
8112070504 811113 PDR XPORT XMAT-0215				Vice President							

