

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

APPROVED BY GAO
B-180225(R0382)

ALL

1. APPLICANT'S USE		a. DATE OF APPLICATION June 10, 1981		D. APPLICANT'S REFERENCE D-80		2. NRC USE		a. DOCKET NO. 1102513		b. LICENSE NO. XMAT0186			
3. APPLICANT'S NAME AND ADDRESS				RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)				RIS			
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			
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		3. 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				RIS		11. ULTIMATE END USE (Include plant or facility name)							
a. NAME University of Sevilla						NMR Application in Analytical Chemistry (see attached)							
b. STREET ADDRESS						11a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY Sevilla, Spain						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE				RIS		13a. EST. DATE OF FIRST USE							
a. NAME						15. INTERMEDIATE END USE							
b. STREET ADDRESS						15a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY													
14. INTERMEDIATE CONSIGNEE				RIS									
a. NAME													
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY													
15. 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 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 FDR and ACC 6-16-81 ORRO, General													
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 Walter C. Stern				b. TITLE Walter C. Stern, V.P.					

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