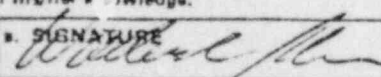


APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

ACC

1. APPLICANT'S USE		2. DATE OF APPLICATION June 5, 1980		3. APPLICANT'S REFERENCE D-45		4. NRC USE		5. DOCKET NO. 11502087		6. LICENSE NO. XMAT0116			
7. APPLICANT'S NAME AND ADDRESS a. NAME Sigma Chemical Company b. STREET ADDRESS 3500 DeKalb Street c. CITY St. Louis STATE MO ZIP CODE 63118						8. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) RIS							
9. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765 Ext. 202						10. CITY			11. STATE ZIP CODE				
12. FIRST SHIPMENT SCHEDULED Est - as soon as license issued		13. FINAL SHIPMENT SCHEDULED Est - 2 yrs from license		14. APPLICANT'S CONTRACTUAL DELIVERY DATE Not Established		15. PROPOSED LICENSE EXPIRATION DATE 2 yrs from issue		16. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A					
17. ULTIMATE CONSIGNEE a. NAME COGER b. STREET ADDRESS 21 Rue de Cronstadt c. CITY - STATE - COUNTRY 75015 Paris France						18. ULTIMATE END USE (Include plant or facility name) NMR Applications in Analytical Chemistry See attached. 19a. EST. DATE OF FIRST USE							
20. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						21. INTERMEDIATE END USE 19b. EST. DATE OF FIRST USE							
22. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						23. INTERMEDIATE END USE 19c. EST. DATE OF FIRST USE							
24. NRC USE		25. DESCRIPTION (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 10 kg of D ₂ O liquid over a 2-year period. See attached. *Copy to PDR and ACC 6-11-80 +0200				26. MAX. ELEMENT WEIGHT		27. MAX. WT. %		28. MAX. ISOTOPE WT.		29. UNIT	
30. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.		31. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				32. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Unknown							
33. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
34. 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.													
35. AUTHORIZED OFFICIAL		36. SIGNATURE 				37. TITLE Walter C. Stern, V.P.							

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