

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

ACU

Revised

1. APPLICANT'S USE		a. DATE OF APPLICATION 1/26/81		b. APPLICANT'S REFERENCE D-69		2. NRC USE		a. DOCKET NO. 11002359		b. LICENSE NO. XMAT0166	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS					
a. NAME Sigma Chemical Company						a. NAME RIS					
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						c. CITY					
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 issue		Not established		2 yrs from issue		N/A			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE					
a. NAME Yu Mei Instruments Co.						11. ULTIMATE END USE (Include plant or facility name) NMR Applications in Analytical Chemistry. See attached.					
b. STREET ADDRESS #11 Alley 1 Lane 78 Section 1 Ho Ping W. Rd.						11a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY Taipai, Taiwan Republic of China						13. INTERMEDIATE END USE					
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME						13a. EST. DATE OF FIRST USE					
b. STREET ADDRESS						15. INTERMEDIATE END USE					
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						15a. EST. DATE OF FIRST USE					
b. STREET ADDRESS						15. INTERMEDIATE END USE					
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE					
18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.		21. UNIT		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)			
Reduced to		5.0 kilograms		deuterium oxide		per telephone conversation w/ Mr. Mogenstern 2/18/81		Compounds containing Deuterium; application is for shipment of equivalent of 10 kg of D ₂ O liquid over a 2-year period. See attached.			
22. COUNTRY OF ORIGIN - SOURCE MATERIAL			23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
U.S.A.						Unknown					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
Copy to FDR and ACC 1-30-81											
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		
						<i>[Signature]</i>			Walter C. Stern, V.P.		



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