

U.S. NUCLEAR REGULATORY COMMISSION

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

APPROVED BY GAO
B-180723(20042)

PDR

FORM NRC-7
(5-79)
10 CFR 110

1. APPLICANT'S USE		2. DATE OF APPLICATION Nov. 13, 1981		3. APPLICANT'S REFERENCE D-89		4. NRC USE		5. DOCKET NO. 1100 2663		6. LICENSE NO. XMAT0216	
7. APPLICANT'S NAME AND ADDRESS A. NAME Sigma Chemical Company B. STREET ADDRESS 3500 DeKalb Street C. CITY St. Louis, D. TELEPHONE NUMBER (Area Code - Number - Extension) (314) 771-5765						8. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) A. NAME 1001 NOV 20 AM 10 52 B. STREET ADDRESS C. CITY D. STREET ADDRESS E. CITY F. STATE G. ZIP CODE					
9. FIRST SHIPMENT SCHEDULED Est.-as soon as license issued		10. FINAL SHIPMENT SCHEDULED Est.-2 years from license issue		11. APPLICANT'S CONTRACTUAL DELIVERY DATE Not established		12. PROPOSED LICENSE EXPIRATION DATE 2 years from issue		13. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A			
14. ULTIMATE CONSIGNEE A. NAME University of Bombay B. STREET ADDRESS Matunga Road C. CITY - STATE - COUNTRY Bombay 400-19 India						15. ULTIMATE END USE (Include plant or facility name) NMR Application in Analytical Chemistry (See attached)					
16. INTERMEDIATE CONSIGNEE A. NAME B. STREET ADDRESS C. CITY - STATE - COUNTRY						17. EST. DATE OF FIRST USE 18. INTERMEDIATE END USE					
19. INTERMEDIATE CONSIGNEE A. NAME B. STREET ADDRESS C. CITY - STATE - COUNTRY						20. EST. DATE OF FIRST USE 21. INTERMEDIATE END USE					
22. NRC USE						23. MAX. ELEMENT WEIGHT		24. MAX. WT. %		25. MAX. ISOTOPE WT.	
26. 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 5 kg of D ₂ O liquid over a 2-year period. See attached.						27. MAX. ELEMENT WEIGHT		28. MAX. WT. %		29. MAX. ISOTOPE WT.	
30. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED U.S.A.						31. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Unknown					
32. ADDITIONAL INFORMATION (Use separate sheet if necessary) *Copy to PDR and ACC 11-20-81						33. TITLE Vice President					

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PDR XPORT
XMAT-0216

RECEIVED
NOV 24 1981
U.S. NUCLEAR REGULATORY COMMISSION

I certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information is true and correct to the best of my knowledge.