

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

ACC

1. APPLICANT'S USE		2. DATE OF APPLICATION 10/13/80		3. APPLICANT'S REFERENCE D-55		4. NRC USE		5. DOCKET NO. 110-41		6. LICENSE NO. XMAT0147	
7. APPLICANT'S NAME AND ADDRESS NAME: Sigma Chemical Company STREET ADDRESS: 3500 DeKalb Street CITY: St. Louis STATE: MO ZIP CODE: 63118 TELEPHONE NUMBER (Area Code - Number - Extension): (314) 771-5765 Ext. 202						8. SUPPLIER'S NAME AND ADDRESS NAME: RIS STREET ADDRESS: CITY: STATE: ZIP CODE:					
9. FIRST SHIPMENT SCHEDULED Est - as soon as license issued		10. FINAL SHIPMENT SCHEDULED Est - 2 yrs from license		11. APPLICANT'S CONTRACTUAL DELIVERY DATE Not established		12. PROPOSED LICENSE EXPIRATION DATE 2 yrs from issue		13. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) N/A			
14. ULTIMATE CONSIGNEE NAME: Capricornia Institute of Advanced Education STREET ADDRESS: Rockhampton CITY - STATE - COUNTRY: Queensland 4700, Australia INTERMEDIATE CONSIGNEE: RIS NAME: STREET ADDRESS: CITY - STATE - COUNTRY: INTERMEDIATE CONSIGNEE: RIS NAME: STREET ADDRESS: CITY - STATE - COUNTRY:						15. ULTIMATE END USE (Include plant or facility name) NMR Applications in Analytical Chemistry See attached. 16a. EST. DATE OF FIRST USE: 17. INTERMEDIATE END USE: 18a. EST. DATE OF FIRST USE: 19. INTERMEDIATE END USE:					
17. 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 <sub>2</sub> O liquid over a 2 year period. See attached.						18. MAX. ELEMENT WEIGHT 1000 GGT		19. MAX. WT. % 5		20. MAX ISOTOPE WT 15	
21. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.		22. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED				23. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Unknown					
24. ADDITIONAL INFORMATION (Use separate sheet if necessary) Copy to FDR and ACC 10-15-80 ELD, DRCD											
25. I, the applicant, certify 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.											
26. AUTHORIZED OFFICIAL						27. SIGNATURE Walter C. Stern, V.P.			28. TITLE		

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POOR ORIGINAL