

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

1. APPLICANT'S USE		a. DATE OF APPLICATION		b. APPLICANT'S REFERENCE		2. NRC USE		a. LICENSE NO.		b. DOCKET NO.		
		July 11, 1980		Quote 3532 X				XMAT0127		11002136		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS						
RIS						RIS						
a. NAME						a. NAME						
Matheson Gas Products						Cryogenic Rare Gas Laboratories Inc.						
b. STREET ADDRESS						b. STREET ADDRESS						
932 Paterson Plank Rd.						730 South Thirteenth St.						
c. CITY						STATE		ZIP CODE		c. CITY		
East Rutherford						N.J.		07073		Newark		
c. TELEPHONE NUMBER (Area Code - Number - Extension)						STATE		ZIP CODE		c. CITY		
(201) 933-2400 Ext. 240						N.J.		07103		Newark		
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)				
				immediate delivery ex. stock								
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE						
RIS						(Include plant or facility name)						
a. NAME						Diffusing in Crystals of						
Instituto de Fisica e Quimica de Sao Carlo						Alcaline Halogens in our						
b. STREET ADDRESS						laboratory (see letter &						
Av. Dr. Carlos Botelho						translation attached)						
c. CITY - STATE - COUNTRY						11a. EST. DATE OF FIRST USE						
1465 - Sao Carlos SP Brasil												
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
RIS												
a. NAME						13a. EST. DATE OF FIRST USE						
b. STREET ADDRESS												
c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE						15a. EST. DATE OF FIRST USE						
RIS												
a. NAME												
b. STREET ADDRESS												
c. CITY - STATE - COUNTRY												
16. NRC USE		17. DESCRIPTION				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WT.		21. UNIT
		(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				WEIGHT		WT. %		ISOTOPE WT.		UNIT
		500 liters Deuterium, Chemically Pure (90 grams)				N/A		N/A		N/A		
		(1) Size #3 cyl., containing 500 liters										
		Unit Price \$1,027.00										
		*Copy to PDR and ACC 7-18-80*										
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. 8007310082				U.S.A.								
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)												
We have been advised by the supplier that the Deuterium is certified as not having been withdrawn from the Naval Petroleum Reserve.												
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				
				F. Fisher				Office Manager				

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TRANSLATION

Re: Proforma Invoice nr. 2828-I  
Import Permit nr. 28-79/829.

Dear Sirs:

In order to your representation to obtain an Import License for the process in reference, we come now to inform, that the Deuterium listed on item 4, Appendix 1 of the referred Import Permit will be used to diffusing in crystals of Alkaline Halogens, involving researches of located vibrations made by Deuterium in our laboratory of growth of crystals, whose responsible is Professor Milton Ferreira de Souza.

Without anything else to declare, we remain

Sincerely yours,

Roberto Ferreira de Moraes  
Import. Department.