

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 8/7/79		b. APPLICANT'S REFERENCE TNF-294 79-118/01		2. NRC USE		a. LICENSE NO. XSNMU/558		b. DOCKET NO. 11000-57	
3. APPLICANT'S NAME AND ADDRESS						RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)			
a. NAME Transnuclear, Inc.						RIS		National Bureau of Standards			
b. STREET ADDRESS One Skyline Place, 5205 Leesburg Pike						a. NAME Office of Standard Reference Material					
c. CITY Falls Church			STATE VA		ZIP CODE 22041		b. STREET ADDRESS Quince Orchard Road				
d. TELEPHONE NUMBER (Area Code - Number - Extension) 703-820-2450						c. CITY Gaithersburg			STATE MD		ZIP CODE 20234
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)			
as soon as license issued				same as item 5		one year from date of issuance					
10. ULTIMATE CONSIGNEE						RIS		11. ULTIMATE END USE (Include plant or facility name)			
a. NAME Alkem GmbH, Industriegelände								Calibration Standards for Isotopic Analysis. (See attached order form)			
b. STREET ADDRESS Postfach 110069, 6450 Hanau II (Wolfgang)											
c. CITY - STATE - COUNTRY West Germany								11a. EST. DATE OF FIRST USE			
12. INTERMEDIATE CONSIGNEE						RIS		13. INTERMEDIATE END USE			
a. NAME Transnuklear GmbH								Intermediate for transport purposes only.			
b. STREET ADDRESS 645 Hanau, Postfach 110030											
c. CITY - STATE - COUNTRY W. Germany Wolfgang-bei-Hanau Industriegelände, Hessen/								13a. EST. DATE OF FIRST USE			
14. INTERMEDIATE CONSIGNEE						RIS		15. INTERMEDIATE END USE			
a. NAME											
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY								15a. EST. DATE OF FIRST USE			
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %	20. MAX ISOTOPE WT.	21. UNIT	
		U-005: Uranium in the form of depleted uranium oxide (U308)				1.0 grams U		.4895%	.05 <sup>005</sup>	grams	
		U-010: Uranium in the form of enriched uranium oxide (U308)				1.0 grams U		1.0037%	.01004	grams	
		U-500: Uranium in the form of enriched uranium oxide (U308)				1.0 grams U		49.696%	.05 <sup>.5</sup>	grams	
		SRM946, 947, 948: Plutonium Sulfate Tetrahydrate (PUSO4)				1.5 grams PU				grams	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED U. S.				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) EURATOM <del>Germany</del>			
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)  924 123 7909070 276											
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		
									Asst. Mgr. Washington Opers.		