

ACC

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/24/80		d. APPLICANT'S REFERENCE NA		2. NRC USE		a. DOCKET NO. 11402265		b. LICENSE NO. 2408511	
3. APPLICANT'S NAME AND ADDRESS						RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)			
a. NAME Teledyne Isotopes								a. NAME NL Industries			
b. STREET ADDRESS 50 Van Buren Avenue								b. STREET ADDRESS 1130 Central Avenue			
c. CITY Westwood				STATE NJ	ZIP CODE 07675		c. CITY Albany				
d. TELEPHONE NUMBER (Area Code - Number - Extension) (201)-664-7070								STATE NY	ZIP CODE 12205		
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)			
11-3-80		11-3-80		NA		12-31-80		NA			
10. ULTIMATE CONSIGNEE						RIS		11. ULTIMATE END USE (Include plant or facility name)			
a. NAME China National Inst. Import & Export Corp								This uranium calibrator is a small part of a large TLD system being delivered.			
b. STREET ADDRESS P.O. Box 2811								11a. EST. DATE OF FIRST USE			
c. CITY - STATE - COUNTRY Beijing, Chine (PRC)								13. INTERMEDIATE END USE			
12. INTERMEDIATE CONSIGNEE						RIS		U.S. buyer who will transfer shipment to end user.			
a. NAME Friendship International						RECEIVED U.S. NRC		13a. EST. DATE OF FIRST USE			
b. STREET ADDRESS 1900 Prudential Tower								15. INTERMEDIATE END USE			
c. CITY - STATE - COUNTRY Boston, Mass. 02199						1900 OCT 27 PM 4		None			
14. INTERMEDIATE CONSIGNEE						RIS		15a. EST. DATE OF FIRST USE			
a. NAME						EXPORT/IMPORT AND INTERNAT'L SFORDS					
b. STREET ADDRESS None											
c. CITY - STATE - COUNTRY											
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	
		Two (2) Uranium-238 calibration plates (depleted in U-235) contained in a wood case (for use as a dosimeter calibration unit)				2.9		100%	U-238	Kg	
		Copy to PDR and ACC 10-28-80									
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)			
USA				NA				NA			
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) The depleted uranium plates are calibration sources designed for a large (Thermolumineent dosimetry) TLD system. They are used for its' proper operation of the system as thermoluminscent dosimeter calibration check sources.											
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		
									R.S.O.		

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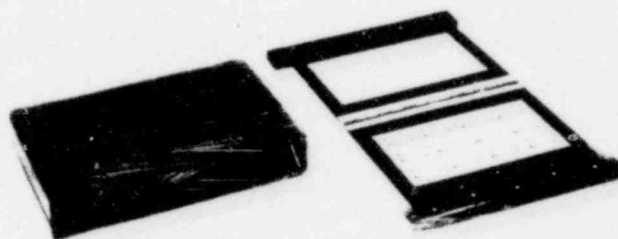
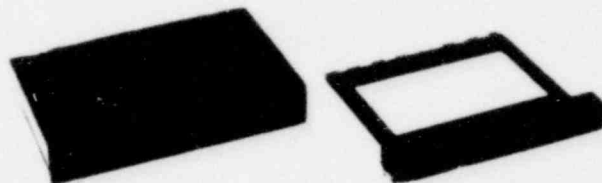
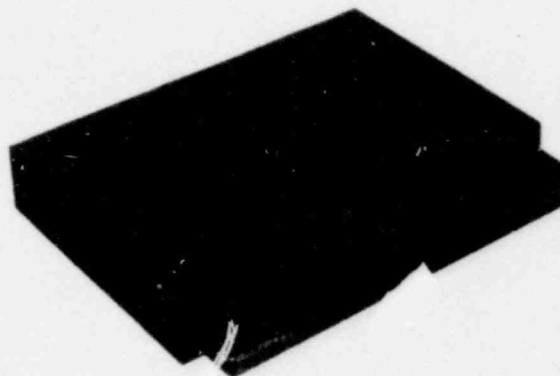
Handsome as well as functional, the Teledyne Isotopes Radi-Guard Calibrator performs thorough irradiation of Radi-Guard dosimeters.

Two depleted uranium plates are permanently mounted inside the solid walnut case: one above the opening for the tray and the other below the opening.

The tray (pictured to the right) slides snugly between the plates providing even irradiation of the dosimeters.

Closed tray holds dosimeters in position for irradiation.

Hinged tray opens to accept twelve Radi-Guard dosimeters.



SPECIFICATIONS

Dose Rate:

480 mrad \pm 80

Weight:

5.1 kg (11 1/4 lbs)

Size:

28.5 cm W x 23 cm D x 5.7 cm H

TI 7802