

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

1. APPLICANT'S USE		a. DATE OF APPLICATION August 21, 1979		b. APPLICANT'S REFERENCE		2. NRC USE		a. LICENSE NO. XSNM01567		b. DOCKET NO. 11000784	
3. APPLICANT'S NAME AND ADDRESS a. NAME University of California, Los Alamos Scientific Lab., ATTN: Dr. Michael Moore b. STREET ADDRESS P.O. Box 1663, M/S 442 c. CITY Los Alamos, STATE NM ZIP CODE 87545 d. TELEPHONE NUMBER (Area Code - Number - Extension) 505/667-4504						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) SAME AS APPLICANT. a. NAME b. STREET ADDRESS c. CITY STATE ZIP CODE					
5. FIRST SHIPMENT SCHEDULED ASAP		6. FINAL SHIPMENT SCHEDULED -----		7. APPLICANT'S CONTRACTUAL DELIVERY DATE -----		8. PROPOSED LICENSE EXPIRATION DATE 9/80		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
10. ULTIMATE CONSIGNEE a. NAME Central Bureau for Nuclear Measurements Dr. Michael Moore, Measurements b. STREET ADDRESS B-2440 Geel, Steenweg naar Retie c. CITY - STATE - COUNTRY Belgium						11. ULTIMATE END USE (Include plant or facility name) Measurements of fission cross sections of Pu-241 and Pu-244 at the electron linear accelerator neutron source at CBNM. The data to be obtained are expected to supplement fission cross Cont'd 11a. EST. DATE OF FIRST USE See Item 25 Below.....					
12. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						13. INTERMEDIATE END USE POOR ORIGINAL 13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE 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) Plutonium oxide, deposited on stainless steel backings. Sum of percentages of Pu-239 and Pu-241 content is .082% by atom. Activity is essentially all due to 3×10^{-5} grams of Pu-241, and amounts to a total of 4.1 millicuries. 967 131				18. MAX. ELEMENT WEIGHT 0.202 grams 0.161 g of Pu 242 0.041 g of Pu 244		19. MAX. WT. % 99.9%	20. MAX ISOTOPE WT. 0.202 grams	21. UNIT	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL United States of America			23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED -----			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) -----					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary) 11. section measurements of higher energies to be done at LASL's Weapons Neutron Research Facility after the samples are returned in September, 1980. 7909180 556 DATE OF FIRST USE: October, 1979											
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 Dr. Michael Moore				b. TITLE Staff Member					