

APPLICATION FOR LICENSE TO EXPORT  
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIALXSNM01385  
11000233

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION 10-3-78	2. APPLICANT'S REFERENCE NO. (if any) 053-8A0	3. COUNTRY OF ULTIMATE DESTINATION Thailand
4. NAME OF APPLICANT Monsanto Research Corporation STREET ADDRESS 1515 Nicholas Road Station B, Box 8 CITY, STATE, AND ZIP CODE Dayton, Ohio 45407		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Faculty of Science Prince of Songkhla University Hatyai, Songkhla S. Thailand Attn: Mr. D. Phongmas
6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.")  Same		7. IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.")  Same
8. (a) QUANTITY TO BE SHIPPED (See instructions on back) 20 Ci Pu8Be 1.32 gm Total Pu 1.16 gm Pu-238 80% Pu-238	(b) COMMODITY DESCRIPTION (Include chemical and physical form; for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) One Model 2727 Pu8Be neutron source in special form	

(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

Packaged in a 6M Type B10 gallon drum inside a shield overpack in accordance with applicable U.S.D.O.T. and I.A.E.A. Regulations

9. END USE OF COMMODITIES COVERED BY THIS APPLICATION: (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

To be used solely by the Department of Physics for research, teaching and demonstration. Copy of End use statement attached.

10. The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 36 (if for byproduct material) or Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.

RECEIVED  
U.S. NRC

1978 OCT 6 PM 3 12

Monsanto Research Corporation

(Applicant named in Item 4)

By:

S. D. Hoadley

S. D. Hoadley

Radiation Safety Officer

(Title of certifying official authorized to act on behalf of the applicant)

7810300086

91

EXPORT/IMPORT  
AND  
INTERNAT'L SFGROS

FACULTY OF SCIENCE  
PRINCE OF SONGKLA UNIVERSITY



HAAD-YAI  
THAILAND.  
TEL. 244666, 24487

August 28, 1978

To whom it may concern:

This is to certify that the radioisotope neutron source Pu-238Be Model 2727 purchased per quotation No. 058-8A0 quoted by Monsanto Research Corporation, Dayton, Ohio 45407, will be used solely by the Department of Physics, Faculty of Science, Prince of Songkla University for research, teaching and demonstration.

Siripongse Sribhibhadh, Ph.D.  
Dean, Faculty of Science.

RECEIVED  
U.S. NRC

1978 OCT 6 PM 4 04

EXPORT/IMPORT  
AND  
INTERNAT'L SFGRDS