

PDR

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

|   |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
|---|--|--|-------------|---|-------------------|-------------------------------------|---------|--|--------------------------------------|-----------------------------|--|----------|--|
| 1. APPLICANT'S USE  |  | a. DATE OF APPLICATION<br>7-15-81  |             | b. APPLICANT'S REFERENCE<br>134-81A0(I)                       |                   | 2. NRC USE                          |         | a. DOCKET NO.<br>11002564                            |                                      | b. LICENSE NO.<br>XSNM01857 |  |          |  |
| 3. APPLICANT'S NAME AND ADDRESS   |  |  |             |   |                   | 4. SUPPLIER'S NAME AND ADDRESS      |         |  |                                      |                             |  |          |  |
| a. NAME<br>Monsanto Research Corporation  |  |  |             |   |                   | a. NAME<br>NA                       |         |  |                                      |                             |  |          |  |
| b. STREET ADDRESS<br>1515 Nicholas Road, Station B, Box 8   |  |  |             |   |                   | b. STREET ADDRESS                   |         |  |                                      |                             |  |          |  |
| c. CITY<br>Dayton   |  |  | STATE<br>OH |   | ZIP CODE<br>45407 |                                     | c. CITY |  |                                      |                             |  |          |  |
| d. TELEPHONE NUMBER (Area Code - Number - Extension)<br>513-268-6769  |  |  |             |   |                   | STATE                               |         | ZIP CODE   |                                      |                             |  |          |  |
| 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) |                                      |                             |  |          |  |
| 6-82  |  |  |             |   |                   | 6-83                                |         |  |                                      |                             |  |          |  |
| 10. ULTIMATE CONSIGNEE  |  |  |             | 11. ULTIMATE END USE  |                   |                                     |         |  |                                      |                             |  |          |  |
| a. NAME<br>Department of Atomic Energy  |  |  |             | For research in Mass Spectrometric analysis                   |                   |                                     |         |  |                                      |                             |  |          |  |
| b. STREET ADDRESS<br>Patton Road  |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| c. CITY - STATE - COUNTRY<br>Bombay India 400001  |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| 12. INTERMEDIATE CONSIGNEE  |  |  |             | 13. INTERMEDIATE END USE                                      |                   |                                     |         |  |                                      |                             |  |          |  |
| a. NAME   |  |  |             | RECEIVED<br>JUL 29 1981<br>U.S. NUCLEAR REGULATORY COMMISSION |                   |                                     |         |  |                                      |                             |  |          |  |
| b. STREET ADDRESS   |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| c. CITY - STATE - COUNTRY   |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| 14. INTERMEDIATE CONSIGNEE  |  |  |             | 15. INTERMEDIATE END USE                                      |                   |                                     |         |  |                                      |                             |  |          |  |
| a. NAME   |  |  |             | 15a. EST. DATE OF FIRST USE                                   |                   |                                     |         |  |                                      |                             |  |          |  |
| b. STREET ADDRESS   |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| c. CITY - STATE - COUNTRY   |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| 16. NRC USE   |  | 17. DESCRIPTION<br>(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 |  |
|   |  | Pu-242 as special form Source  |             |   |                   | 450                                 |         | 99%  |                                      | 400                         |  | mgm      |  |
| 22. COUNTRY OF ORIGIN - SOURCE MATERIAL   |  |  |             | 23. COUNTRY OF ORIGIN - WHERE ENRICHED OR PRODUCED            |                   |                                     |         | 24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)     |                                      |                             |  |          |  |
| US  |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| 25. ADDITIONAL INFORMATION (Use separate sheet if necessary)  |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| *Copy to PDR and ACC 7-29-81  |  |  |             |   |                   |                                     |         |  |                                      |                             |  |          |  |
| 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<br>S. Woodley          |         |  | b. TITLE<br>Radiation Safety Officer |                             |  |          |  |