

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

|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|-------------------------------------------------------|--|
| 1. APPLICANT'S USE                                                                                                                                                                                                |  | 2. NRC USE                                                                                                                                                                                                                                                                                                                              |  | 3. DOCKET NO.                                                |  | 4. LICENSE NO.                                        |  |
| Oct. 21, 1997                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                         |  | 11004999                                                     |  | XCOM1106                                              |  |
| 5. APPLICANT'S NAME AND ADDRESS                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 6. SUPPLIER'S NAME AND ADDRESS                               |  |                                                       |  |
| a. NAME<br>CARPENTER SPECIAL PRODUCTS CORPORATION                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                         |  | a. NAME<br>SAME                                              |  |                                                       |  |
| b. STREET ADDRESS<br>1717 CUYAMACA STREET                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                         |  | b. STREET ADDRESS<br>SAME                                    |  |                                                       |  |
| c. CITY<br>EL CAJON                                                                                                                                                                                               |  | STATE<br>CA                                                                                                                                                                                                                                                                                                                             |  | ZIP CODE<br>92020                                            |  |                                                       |  |
| 7. TELEPHONE NUMBER (Area Code - Number - Extension)<br>619-448-1000                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                         |  | c. CITY                                                      |  | STATE ZIP CODE                                        |  |
| 8. FIRST SHIPMENT SCHEDULED<br>Nov. 1, 1997                                                                                                                                                                       |  | 9. FINAL SHIPMENT SCHEDULED<br>Dec. 31, 1999                                                                                                                                                                                                                                                                                            |  | 10. APPLICANT'S CONTRACTUAL DELIVERY DATE<br>None            |  | 11. PROPOSED LICENSE EXPIRATION DATE<br>Dec. 31, 1999 |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 12. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)<br>N/A |  |                                                       |  |
| 13. ULTIMATE CONSIGNEE                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                         |  | 14. ULTIMATE END USE                                         |  |                                                       |  |
| a. NAME<br>Various companies in countries listed                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                         |  | 1. Testing purposes                                          |  |                                                       |  |
| b. STREET ADDRESS<br>in 10 CFR 110.26 (a) for retention or                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                         |  | 2. Qualification                                             |  |                                                       |  |
| c. CITY - STATE - COUNTRY<br>Return to the United States                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                         |  | 3. Use as models                                             |  |                                                       |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 4. Manufacture                                               |  |                                                       |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 15a. EST. DATE OF FIRST USE Nov., 1997                       |  |                                                       |  |
| 16. INTERMEDIATE CONSIGNEE                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                         |  | 17. INTERMEDIATE END USE                                     |  |                                                       |  |
| a. NAME<br>Various companies listed in                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                         |  | 1. Testing purposes                                          |  |                                                       |  |
| b. STREET ADDRESS<br>10 CFR 110.26 (a)                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                         |  | 2. Qualification                                             |  |                                                       |  |
| c. CITY - STATE - COUNTRY                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                         |  | 3. Use as models                                             |  |                                                       |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 4. Manufacture                                               |  |                                                       |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 18a. EST. DATE OF FIRST USE Nov., 1997                       |  |                                                       |  |
| 19. INTERMEDIATE CONSIGNEE                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                         |  | 20. INTERMEDIATE END USE                                     |  |                                                       |  |
| a. NAME                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
| b. STREET ADDRESS                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
| c. CITY - STATE - COUNTRY                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  | 21a. EST. DATE OF FIRST USE                                  |  |                                                       |  |
| 22. NRC USE                                                                                                                                                                                                       |  | 23. DESCRIPTION                                                                                                                                                                                                                                                                                                                         |  | 24. MAX. ELEMENT WEIGHT                                      |  | 25. MAX. WT. %                                        |  |
|                                                                                                                                                                                                                   |  | (include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)                                                                                                                                                                                                                         |  | 300 lbs. each                                                |  | N/A                                                   |  |
|                                                                                                                                                                                                                   |  | All nuclear reactor components listed in U.S. regulations 10 CFR 110 Appendix A, item (6) and (9) for (1) testing purposes (2) qualification (3) use as models and (4) manufacture. The components may be retained by the companies or returned to the United States. Estimated dollar value of each component .....\$25,000 each piece |  |                                                              |  | N/A                                                   |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  | 26. MAX. ISOTOPE WT.                                  |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  | N/A                                                   |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  | 27. UNIT                                              |  |
|                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  | each piece                                            |  |
| 28. COUNTRY OF ORIGIN - SOURCE MATERIAL                                                                                                                                                                           |  | 29. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED                                                                                                                                                                                                                                                                                  |  | 30. COUNTRIES WHICH ATTACH SAFEGUARDS (If known)             |  |                                                       |  |
| N/A                                                                                                                                                                                                               |  | N/A                                                                                                                                                                                                                                                                                                                                     |  | N/A                                                          |  |                                                       |  |
| 31. ADDITIONAL INFORMATION (Use separate sheet if necessary)                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
| 9711140043 971021<br>PDR XPORT<br>XCOM-1106 PDR                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
| 32. 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. |  |                                                                                                                                                                                                                                                                                                                                         |  |                                                              |  |                                                       |  |
| 33. AUTHORIZED OFFICIAL                                                                                                                                                                                           |  | 34. SIGNATURE                                                                                                                                                                                                                                                                                                                           |  | 35. TITLE                                                    |  |                                                       |  |
|                                                                                                                                                                                                                   |  | R. W. Hockman                                                                                                                                                                                                                                                                                                                           |  | Sales Manager                                                |  |                                                       |  |

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