

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

|   |  |                                |               |  |                   |  |                       |   |  |                          |  |                      |  |          |  |
|---|--|--------------------------------|---------------|--|-------------------|--|-----------------------|---|--|--------------------------|--|----------------------|--|----------|--|
| 1. APPLICANT'S USE  |  | a. DATE OF APPLICATION         |               | b. APPLICANT'S REFERENCE<br>ZH-0119      |                   | 2. NRC USE   |                       | a. LICENSE NO.<br>ASNMO 1617  |  | b. DOCKET NO.<br>1150909 |  |                      |  |          |  |
| 3. APPLICANT'S NAME AND ADDRESS   |  |                                |               |  |                   | RIS  |                       | 4. SUPPLIER'S NAME AND ADDRESS<br>(Complete if applicant is not supplier of material) |  |                          |  |                      |  |          |  |
| a. NAME<br>MARUBENI AMERICA CORPORATION   |  |                                |               |  |                   |  |                       | a. NAME<br>U.S. DEPT. OF COMMERCE<br>NATIONAL BUREAU OF STANDARDS                     |  |                          |  |                      |  |          |  |
| b. STREET ADDRESS<br>200 PARK AVENUE  |  |                                |               |  |                   |  |                       | b. STREET ADDRESS   |  |                          |  |                      |  |          |  |
| c. CITY<br>NEW YORK   |  |                                | STATE<br>N.Y. |  | ZIP CODE<br>10017 |  | c. CITY<br>WASHINGTON |   |  |                          |  |                      |  |          |  |
| d. TELEPHONE NUMBER (Area Code - Number - Extension)<br>(212) 973-7412 - MR. H. OKUDA   |  |                                |               |  |                   |  |                       | STATE<br>D.C.   |  | ZIP CODE<br>20234        |  |                      |  |          |  |
| 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)                                  |  |                          |  |                      |  |          |  |
| FEB., 1980  |  | FEB., 1980                     |               | FEB., 1980                               |                   | ONE YEAR AFTER DATE OF E/L   |                       |   |  |                          |  |                      |  |          |  |
| 10. ULTIMATE CONSIGNEE  |  |                                |               |  |                   | RIS  |                       | 11. ULTIMATE END USE<br>(include plant or facility name)                              |  |                          |  |                      |  |          |  |
| a. NAME<br>POWER REACTOR & NUCLEAR FUEL DEVELOPMENT CORPORATION   |  |                                |               |  |                   |  |                       | POWER REACTOR & NUCLEAR FUEL DEVELOPMENT CORPORATION, TOHKAI WORKS                    |  |                          |  |                      |  |          |  |
| b. STREET ADDRESS<br>9-13, 1-CHOME, AKASAKA, MINATOKU   |  |                                |               |  |                   |  |                       | 3371, OHAZA-MURAMATSU, TOHKAI-MURA  |  |                          |  |                      |  |          |  |
| c. CITY - STATE - COUNTRY<br>TOKYO, JAPAN   |  |                                |               |  |                   |  |                       | NAKA-GUN, IBARAGI, JAPAN  |  |                          |  |                      |  |          |  |
| 12. INTERMEDIATE CONSIGNEE  |  |                                |               |  |                   | RIS  |                       | 13. INTERMEDIATE END USE  |  |                          |  |                      |  |          |  |
| a. NAME   |  |                                |               |  |                   |  |                       |   |  |                          |  |                      |  |          |  |
| b. STREET ADDRESS   |  |                                |               |  |                   |  |                       |   |  |                          |  |                      |  |          |  |
| c. CITY - STATE - COUNTRY   |  |                                |               |  |                   |  |                       |   |  |                          |  |                      |  |          |  |
| 14. INTERMEDIATE CONSIGNEE  |  |                                |               |  |                   | RIS  |                       | 15. INTERMEDIATE END USE  |  |                          |  |                      |  |          |  |
| a. NAME   |  |                                |               |  |                   |  |                       |   |  |                          |  |                      |  |          |  |
| 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 |  |
|   |  | PLUTONIUM (METAL)              |               | (NBS SRM 949e)                           |                   | 20   |                       | 100   |  | 20                       |  | G                    |  |          |  |
|   |  | PLUTONIUM SULFATE TETRAHYDRATE |               | (NBS SRM 946)                            |                   | 2  |                       | 100   |  | 2                        |  | G                    |  |          |  |
|   |  | " " "                          |               | (NBS SRM 947)                            |                   | 2  |                       | 100   |  | 2                        |  | G                    |  |          |  |
|   |  | " " "                          |               | (NBS SRM 948)                            |                   | 2  |                       | 100   |  | 2                        |  | G                    |  |          |  |
| 22. COUNTRY OF ORIGIN - SOURCE MATERIAL   |  |                                |               |  |                   | 23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED   |                       | 24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)                                      |  |                          |  |                      |  |          |  |
| U.S.A.  |  |                                |               |  |                   | U.S.A.   |                       | 1543 326  |  |                          |  |                      |  |          |  |
| 25. ADDITIONAL INFORMATION (Use separate sheet if necessary)  |  |                                |               |  |                   |  |                       | 7912130 129   |  |                          |  |                      |  |          |  |
| 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<br>S. MAMIYA<br>SENIOR VICE PRESIDENT   |                       |   |  |                          |  |                      |  |          |  |

RECEIVED  
U.S. NRC  
**POOR ORIGINAL**

**PURCHASE REQUEST FOR SPECIAL NUCLEAR STANDARD REFERENCE MATERIALS  
TO BE EXPORTED FROM THE UNITED STATES OF AMERICA**

This form is to be used by the Governments of all countries ordering special nuclear reference materials from the N.B.S. Orders are subject to the terms and conditions on the reverse and are in accordance with the provisions of the Agreement for Cooperation identified below.

|  |                                 |
|--|---------------------------------|
| Send completed form in quadruplicate, with shipping method to:<br><b>Division of International Affairs<br/>U.S. Atomic Energy Commission<br/>Washington, D. C. 20545, U.S.A.</b> | Order No.<br><b>ZH0119-0W</b>   |
|  | Date<br><b>OCTOBER 30, 1979</b> |

|   |  |
|---|--|
| Name and Address of Requestor:<br><b>POWER REACTOR &amp; NUCLEAR FUEL DEVELOPMENT CORPORATION<br/>9-13,1-CHOME, AKASAKA, MINATOKU,<br/>TOKYO, JAPAN</b> | Ship to (If different from address at left)<br><br><b>To be advised later.</b> |
|---|--|

The undersigned certifies that he is authorized by his Government to request the standards ordered hereunder pursuant to the:

|  |   |   |
|--|---|---|
| Agreement for Cooperation for civil uses of atomic energy between the Government of the United States of America and the Government of | Effective date of Agreement for Cooperation | Date of Expiration of Agreement for Cooperation |
|--|---|---|

**MATERIALS ORDERED**

| NBS Standard Reference Material |                                | Weight percent U-235 | Quantity of U or Pu |       | Unit charge | Total charge      |
|---------------------------------|--------------------------------|----------------------|---------------------|-------|-------------|-------------------|
| Number                          | Description                    |                      | Total grams         | Units |             |                   |
| 949e                            | Plutonium (metal)              |                      | 20                  | 40    | \$ 167.00   | \$ 6,680.00       |
| 946                             | Plutonium sulfate tetrahydrate |                      | 2                   | 8     | 158.00      | 1,264.00          |
| 947                             | "                              |                      | 2                   | 8     | 158.00      | 1,264.00          |
| 948                             | "                              |                      | 2                   | 8     | 81.00       | 648.00            |
| <b>TOTAL</b>                    |                                |                      |                     |       |             | <b>\$9,856.00</b> |

This request constitutes a firm order for the above standards and payment of the currently established price is enclosed with this order. (NOTE - All of the above information to be furnished by the requestor.)

|                               |  |
|-------------------------------|--|
| For the Government of         | RECEIVED<br>U.S. NRC                                 |
| Requestor<br><i>H. Yamada</i> | Title<br><b>Senior Staff of Contracting Division</b> |

**WARNING - The requestor signing above must be a duly authorized representative of the purchasing Government.**

Endorsement to the National Bureau of Standards and U.S. Customs:

The sale and export of the standard nuclear reference material by this order is approved as being within the Agreement for Cooperation identified above. This is a government-to-government transaction and no export license is required.

**FOR THE U.S. ATOMIC ENERGY COMMISSION**

|                     |      |
|---------------------|------|
| Authorizing Officer | Date |
|---------------------|------|

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**Marubeni** AMERICA CORPORATION  
200 PARK AVENUE • NEW YORK, N. Y. 10017 • (212) 973-6500

November 1, 1979  
L/No. MA1-HO-5976

CERTIFIED MAIL

U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Att: Mrs. Betty L. Wright  
Export/Import & International Safeguards  
Office of International Programs

Subject: Application for an Export License of Special  
Nuclear Materials

Gentlemen:

Pursuant to 10CFR110-5 we hereby apply for a license to export to Power Reactor & Nuclear Fuel Development Corporation the special nuclear material, plutonium (metal and plutonium sulfate tetrahydrate).

The material at time of export is to be owned by P.N.C. and to be used as standard sample of mass analysis.

Thank you very much for your continued kind consideration for us.

Yours truly,

MARUBENI AMERICA CORPORATION



H. Okuda  
Machinery Division I

HO/pd  
enc.  
cc: TOK/B673 ZH0119

P.S. We are enclosing one copy of Purchase Request for Special Nuclear Standard Reference Materials to be Exported from the U.S.A.

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EXPORT/IMPORT  
AND  
SPECIAL SAFEGUARDS

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