

<p><b>NRC FORM 7 U.S. NUCLEAR REGULATORY COMMISSION</b> (6-2006) 10 CFR 110</p> <p style="text-align: center;"><b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b></p> <p style="text-align: center;">(See Instructions on Page 5)</p>	<p>APPROVED BY OMB: NO. 3150-0027 EXPIRES: 06/30/2009</p> <p>Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</p>
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<b>PART A. FOR NRC USE ONLY</b>	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED
LICENSE NUMBER	DOCKET NUMBER	ADAMS ACCESSION NUMBER
XSNM03468	11005646	9/14/06

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>1. NAME AND ADDRESS OF APPLICANT/LICENSEE</b> MITSUI & CO.(U.S.A.), INC. 200 PARK AVENUE NEW YORK NY 10166-0130 U.S.A.	<b>1a. NAME OF APPLICANT'S CONTACT</b> TORU KAWAHARA	<b>1b. APPLICANT'S REFERENCE NUMBER</b> MBK-S1-R27(N)	<b>1c. PHONE NUMBER</b> (212)878-4133	<b>1d. FAX NUMBER</b> (212)878-0925	<b>1e. E-MAIL ADDRESS</b> To.Kawahara@mitsui.com
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<b>2. TYPE OF NRC LIENSE REQUESTED (Check One)</b>			
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E)	<input type="checkbox"/> IMPORT (Parts B, D, E)	<input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E)	<input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____

<b>3. CONTRACT NUMBER(S)</b> N/A	<b>4. FIRST SHIPMENT DATE</b> January, 2007	<b>5. LAST SHIPMENT DATE</b> March, 2007	<b>6. PROPOSED EXPIRATION DATE</b> March, 2008
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**PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

<b>7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT</b> GLOBAL NUCLEAR FUEL - AMERICAS 3901 CASTLE HAYNE ROAD WILMINGTON NC 28401 U.S.A.	<b>8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)</b> NUCLEAR FUEL INDUSTRIES, LTD. TOKAI WORKS 3135-41, MURAMATSU, TOKAI-MURA NAKA-GUN, IBARAKI JAPAN	<b>9. NAMES(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)</b> THE CHUGOKU ELECTRIC POWER CO., INC. 654-1 KATAKU, KASHIMA-CHO MATSUE-SHI, SHIMANE-KEN JAPAN
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<b>7a. LIST FUNCTIONS PERFORMED/SERVICE PROVIDED</b>	<b>8a. INTERMEDIATE USE(S)</b> FUEL FABRICATION	<b>9a. ULTIMATE END USE(S)</b> RELOAD FUEL FOR SHIMANE UNIT NO. 1
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<b>10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS</b>  ENRICHED URANIUM DIOXIDE (UO2)	<b>10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b>  Max. 7,057 KgsU	<b>10b. MAX ENRICHMENT OR WGT %</b>  Max. 4.95%	<b>10c. MAX ISOTOPE WGT (KG)</b>  Max. 282 KgU-235
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<b>11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)</b> Please refer to the attachment. SOUTH AFRICA / Canada
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NRC FORM 7  
(8-2006)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <i>XSNM03468</i>	DOCKET NUMBER <i>11005646</i>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)  RECEIVED OIIP 2006 SEP 14 PM 3:14
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE	14a. LICENSE NUMBER(S) / EXPIRATION DATE
	13b. INTERMEDIATE USE(S)	14b. INTERMEDIATE USE(S)

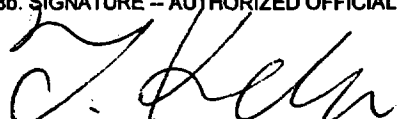
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
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16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO
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18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Toru Kawahara, Director Metal Projects & Products department	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 9/13/2006
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NRC FORM 7  
(6-2006)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <b>XSNM03468</b>	DOCKET NUMBER <b>11005646</b>	ADAMS ACCESSION NUMBER	<input type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from 1 and/or page 2 for each entry)

Origin	Percentage	Conversion	Enrichment	Reconversion
South Africa	44.00%	Canada	US	US
South Africa	56.00%	US	US	US

RECEIVED OIP  
2006 SEP 14 PM 3:14



September 13th, 2006

To: Nuclear Regulatory Commission  
Office of International Programs  
Attn: Ms. Janis Owens  
CC: Ms. Carlotta Coates  
Ms. Robin Barnes

XSNM03468  
11005646

E/L application for UO2  
(Reference No. MBK S1-R27(N))

Dear Ms. Janis Owens,

We would like to submit our E/L applications to you, together with our company check (Total \$2,600 = 1 new application x \$2,600). Please forward the check for payment to Division of Finance and Accounting department.

This is our first time to use new application form. Kindly please let us know if you need any additional information and/or we need to make correction of the application.

Also, as of July 1<sup>st</sup>, our signer has been changed as below. Kindly please note.

Name: TORU KAWAHARA (Mr.)  
Title: DIRECTOR  
Department: METAL PROJECTS & PRODUCTS DEPT.

We would appreciate your kind cooperation on this issue.

Best Regards,

A handwritten signature in cursive script that reads 'Kazuko Toyoda'.

Kazuko Toyoda  
Metal Projects and Products Department  
Mitsui & Co. (U.S.A.) Inc,  
Tel:(212) 878-4177 / Fax:(212) 878-0925  
E-mail: Ka.Toyoda@mitsui.com

2006 SEP 14 PM 3:14  
RECEIVED OIP

XSNM03468  
11005646

in kilograms for each non-radioactive material involved, and physical and chemical forms for each radioactive material, along with the overall waste classification (see 10 CFR 61.55); route(s) of transit, forms of management and ultimate disposition. For nuclear facilities, provide total quantity; types; names, design power or annual capacity rating; and the estimated combined total dollar value. For nuclear equipment, identify all items by name, total quantity and function and provide the estimated combined total dollar value.

**BLOCK 10a.** For source material, provide maximum total volume/element weight over license life in kilograms. For special nuclear material, provide maximum total element weight over license life in kilograms. For each Appendix L byproduct material listed, provide maximum total activity over license life in Terabequerels (TBq). For each Appendix P material listed, provide maximum total activity per shipment in Tbq.

**BLOCKS 10b-c.** For special nuclear material including as radioactive waste, provide maximum weight % (enrichment) and total isotope weight over license life in kilograms.

**BLOCK 11.** Identify each country and the percentage of the maximum total volume that may be obligated to them (requires U.S. Government action, e.g., prior notification).

**PART D. TO BE COMPLETED BY APPLICANTS FOR IMPORT OR COMBINED LICENSES, AMENDMENTS OR RENEWALS**

**BLOCK 12.** Enter name(s) and address(es) of foreign supplier(s) or exporter(s).

**BLOCK 12a.** For import(s) originally exported under a specific NRC license, enter that license number.

**BLOCKS 13 and 14.** Complete if applicant in BLOCK 1 is not the sole intermediate or sole ultimate recipient. Provide complete physical mailing address(es) where correspondence should be sent and import(s) could be inspected. Post Office Box Numbers are NOT acceptable entries for this block.

**BLOCKS 13a and 14a.** Enter NRC or Agreement State Materials License number(s) including expiration date(s) (MM/DD/YYYY) for each U.S. consignee, authorizing receipt, possession, use or distribution.

**BLOCKS 13b and 14b.** Describe how each consignee listed will use proposed import(s), including functions to be performed and/or services to be provided.

**BLOCK 15.** Describe key characteristics including physical and chemical forms, etc., of radioactive materials (i.e., source, special nuclear or byproduct materials including sealed sources or devices and radioactive waste), and nuclear facilities. For radioactive waste, identify and provide maximum total volume in kilograms for each non-radioactive material (e.g., contaminated steel) involved, and physical and chemical forms for each radioactive source, special nuclear or byproduct material. Provide overall waste classification (see 10 CFR 61.55); responsible industrial process, route(s) of transit, and the status of arrangements for disposition in the U.S., e.g., any agreement by a low-level waste compact or State to accept for management or disposal. For Appendix P materials, identify by name and form, including maximum total quantities of any bulk materials and/or the maximum total quantities and types of sealed sources and/or devices per shipment. For nuclear facilities, provide total quantities; types; names, design power or annual capacity rating; and the estimated combined total dollar value.

**BLOCK 15a.** For source and/or special nuclear material, including that which is in the form of radioactive waste, provide maximum total volume/element weight over license life in kilograms. For Appendix L byproduct material, including that which is in the form of radioactive waste, provide maximum total activity over license life in TBq. For Appendix P radioactive materials, provide maximum total activity per shipment in Tbq for each material whether in bulk form or in a sealed source or device.

**BLOCKS 15b-c.** For special nuclear material including that which is in the form of radioactive waste, provide maximum enrichment/weight % and maximum total isotope weight over license life in kilograms.

**BLOCK 16.** Identify each country and the percentage of the maximum total volume that may be obligated to them (require U.S. Government action, e.g., prior notification).

**PART E. TO BE COMPLETED BY ALL APPLICANTS**

**BLOCK 17.** Check YES or NO to verify whether or not additional information is being provided using the space provided on the continuation pages and separate sheets.

**BLOCK 17a.** Check YES or NO to verify whether or not copies of domestic recipients' authorizations required for Appendix P materials (see Part 110.32 requirements) are included with the application.

**BLOCKS 18a-c.** An authorized official of the legal entity applying for the License, Amendment or Renewal must certify the information provided, by signing the document, providing his/her title and the date of the application (MM/DD/YYYY).

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U.S. NUCLEAR REGULATORY COMMISSION

INSTRUCTIONS FOR PREPARATION OF NRC FORM 7, APPLICATION FOR  
NRC EXPORT/IMPORT LICENSE, AMENDMENT OR RENEWAL

General Instructions: A completed, signed original NRC Form 7 may be mailed to the Deputy Director, Office of International Programs, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or hand-delivered to the Deputy Director at 11555 Rockville Pike, Rockville, Maryland 20852.

Refer to Title 10 of the Code of Federal Regulations, Part 110, for specific NRC export/import licensing requirements. For each license, amendment or renewal application, identify all foreign and domestic locations where exports or imports will be handled, sorted, repackaged and/or processed in any way. Provide information on quantities, forms, and other characteristics of the radioactive materials, sealed sources, nuclear facilities and equipment to be exported or imported and indicate how they will be used by each of the parties listed. If more space is needed to complete any of the items on this form, use the continuation pages first, and then attach additional sheets. Reference appropriate BLOCK number(s) for each entry on all additional sheets. All applicants should avoid submitting proprietary information unless absolutely necessary, as NRC is required to make copies of all applications received available to the public. If proprietary information must be submitted, follow procedures in 10 CFR 2.390, otherwise, such information could be publicly disclosed and/or processing of an application could be significantly delayed.

**PART A. FOR NRC USE ONLY**

**PART B. TO BE COMPLETED BY ALL APPLICANTS**

**BLOCK 1.** Enter name and complete physical address of the corporation or other entity with direct control over distribution of proposed export(s) or import(s), and where required records will be maintained and can be inspected. Post Office Box Numbers or names of divisions or departments within a legal entity are NOT acceptable entries for this BLOCK.

**BLOCKS 1a-e.** Provide name and contact information identifying the best party to answer questions about an application. Applicants should use BLOCK 1b to assign their own reference number to identify application documents.

**BLOCK 2.** Indicate the TYPE OF NRC LICENSING ACTION requested by checking:

- EXPORT if applying for a new export license.
- IMPORT if applying for a new import license.
- COMBINED EXPORT/IMPORT if applying for a new license to export one or more radioactive materials listed in 10 CFR 110, Appendix P, which will need to allow for the return of one or more of these materials to appropriate U.S. recipients.
- AMENDMENT/RENEWAL if applying to modify or extend an export, import or combined license previously issued by NRC (and not yet expired), include NRC license number in space provided. If NRC receives an amendment/ renewal application at least 30 days or more before the license expires, its terms will remain valid and, if circumstances permit, it can continue to be used until NRC completes action on the amendment/ renewal application.

**BLOCK 3.** If known, provide contract number(s), which may be useful references for example, if reviewers need to contact recipients or other parties listed on the application.

**BLOCK 4.** Enter the anticipated date of the first shipment (MM/DD/YYYY).

**BLOCK 5.** Enter the anticipated date of last shipment (MM/DD/YYYY).

**BLOCK 6.** Enter a proposed license expiration date (MM/DD/YYYY), to accommodate export activities. Note that NRC licenses are typically issued for 1-5 years.

**NOTE:** For amendments and renewals, provide only the new or changed information, as appropriate, in PART C and/or PART D. (For example, enter names and addresses of parties or consignees, only if they need to be added ~~to~~ deleted from, or their information needs to be changed. If seeking to increase the volume or quantity of material or equipment, specify the additional increment, and, if applicable, indicate what the new, combined cumulative total will be.)

**PART C. TO BE COMPLETED BY APPLICANTS FOR EXPORT OR COMBINED LICENSES, AMENDMENTS OR RENEWALS**

**BLOCK 7.** Enter names of supplier(s) and other parties to export not listed in BLOCKS 1, 8, OR 9. Provide complete physical address(es) where correspondence should be sent and where export(s) can be inspected. Post Office Box Numbers are NOT acceptable entries for this BLOCK.

**BLOCK 7a.** Describe functions to be performed and/or services to be provided by any parties listed in BLOCK 7.

**BLOCKS 8-9.** Enter names and physical address(es) for each intermediate and each ultimate foreign location. Post Office Box Numbers are NOT acceptable entries for these BLOCKS.

**BLOCKS 8a and 9a.** Describe how each consignee will use export(s), including functions to be performed and/or services to be provided.

**BLOCK 10.** Describe key characteristics including physical and chemical forms, etc., of radioactive materials (i.e., source, special nuclear or byproduct materials including sealed sources or devices and radioactive waste), nuclear facilities and equipment. Identify source material as natural or depleted uranium, or thorium, and provide chemical form (e.g., U3O8, Th-227). Identify and provide total volume in kilograms of ores containing 0.05% or more of source material (e.g., tantalum, niobium) and specify source material contained. Identify special nuclear material as plutonium, high enriched uranium (> 20% U-235) or low enriched uranium (<20% U-235) and specify chemical form.

Identify Appendix L byproduct materials by name and form, including maximum total quantities and types of sealed sources and/or devices to be exported over the license life. Identify Appendix P materials by name and form, including maximum total quantities and types of sealed sources and/or devices to be exported on a per shipment basis. For radioactive waste, identify and provide maximum total volume

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