

NRC FORM 7 (8-2010) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027	EXPIRES: 08/31/2012
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Pages 4 and 5)				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 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@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.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED MAR 18 2011	
LICENSE NUMBER XCOM 1224		DOCKET NUMBER 11005926		ADAMS ACCESSION NUMBER	
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.)					
1. NAME AND ADDRESS OF APPLICANT/LICENSEE ATI Wah Chang 1600 NE Old Salem Rd NE Albany, OR 97321		1a. NAME OF APPLICANT'S CONTACT Sheila K Pershall		1b. APPLICANT'S REFERENCE NUMBER 146914	
		1c. PHONE NUMBER (541) 917-6712		1d. FAX NUMBER (541) 967-6990	
		1e. E-MAIL ADDRESS sheila.pershall@atimetals.com			
2. TYPE OF ACTION REQUESTED (Check One)					
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____					
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 04/15/2011		5. LAST SHIPMENT DATE 04/15/2014	
				6. PROPOSED EXPIRATION DATE 04/15/2014	
PART C. TO BE COMPLETED FOR EXPORT 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.)					
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Cameco Fuel Manufacturing Inc. Building #2 Centre Street Northam Industrial Park Cobourg, Ontario K9A 4R5 Canada		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Third Qinshan Nuclear Fuel co Tanglangahan, Haiyan County Zhejiang, 314300 China	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S) Reduce Tubes for Fuel Clad		9a. ULTIMATE END USE(S) Fuel Bundle for Qinshan	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Zircaloy 4 Trex Tubes Total value of items to be exported is [REDACTED]		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 70,761 Kgs		10b. MAX ENRICHMENT OR WGT %	
				10c. MAX ISOTOPE WGT (KG)	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)					
MAR 18 2011 <i>Rec'd JC</i>					

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XCOM 1224	DOCKET NUMBER 11005926	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT 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 U. S. CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END 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)

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 ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input checked="" 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 Sheila Pershall Export Compliance Administrator	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 03/08/2011
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APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER XCOM1224	DOCKET NUMBER 11005926	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 8 continuation:

Intermediate Foreign Consignee

Baotou Nuclear Fuel Plant
CCNC 202 Plant
Baotou China**Block 8a continuation:**

Fabricate nuclear fuel bundles for Qinshan Power Reactors

Additional Information:

ATI Wah Chang has previously sent Zircaloy Tubes to Zircatec for further processing for Qinshan Reactors on NRC license XCOM1148, XCOM1151, XCOM1162, XCOM1181, XCOM1184 and XCOM1203.

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010 146717



Cameco Fuel Manufacturing Inc.
200 Dorset Street East
Port Hope, ON L1A 3V4
Ph:905-885-1129
Fax: 905-885-8574

PO number/date
4500234146 / 01/26/2011
Buyer/Telephone
J.Raftis/905-885-1129 x4039
e-mail: jackie_raftis@cameco.com
Our fax number
905-885-8574

Vendor #: 1012683

Tdy Industries Inc (Teledyne)
ATI Wah Chang
PO Box 460
ALBANY OR 97321
USA

Delivery date: 12/31/2011

Phone: 541-917-6781
Fax: 541-812-7457

Terms of delivery:
DAP, Delivered Duty Paid to .

Attn: ~~Theresa Rongner~~
Marc Pazina

Currency: USD

Ship to:
Cameco Fuel Manufacturing (Cobourg)
Cameco
Bldg. #2 Center Street
COBOURG ON K9A 4R5
CANADA

Please send invoice to:
Cameco Fuel Manufacturing Inc.
Attn: Accounts Payable
2121 11th Street West
Saskatoon SK S7M 1J3
e-mail: ap_cameco@cameco.com
Fax: 306-956-6476

Terms of payment:
Within 15 days Due net

Ship Via
Prepaid - your carrier

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Ref:
Line 10 ACCPAC P.O. #PO0109372 *ms10*

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Purchase order number has been revised
Please ensure this new purchase order number is referenced on all documentation.

NOTE: This items on this purchase order will be Exported to China

Line#	Quantity	U/M	Material#	Unit Price	Per	Net Value
00010	52,000	pound	20140472	35.70	1	[REDACTED]
<p>Tube Shell Zircaloy-4 (aks Trex) <i>x 3 yrs = 156,000 lbs = 70,761 Kgs</i></p> <p>1.1" X 2.0" X 0.45", Length: 9-17'</p> <p>Fabricated In Accordance To Cameco Dwg # 99C034,</p>						
						<i>x 3 yrs</i>



Cameco Fuel Manufacturing Inc.
200 Dorset Street East
Port Hope, ON L1A 3V4
Ph:905-885-1129
Fax: 905-885-8574

Vendor #: 1012683

PO number/date
4500234146 / 01/26/2011

Line#	Quantity	U/M	Material#	Unit Price	Per	Net Value
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Purchase Spec # PS-2519 & GPS-2520

Additional Requirements:

- Certificate Or Letter of Compliance Required.

Re: Goods to be Exported to China

CFM Purchasing Specification #PS-2519 Issue 5 and #GPS-2520 Issue 6 to be transmitted under separate cover

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CAMECO CORPORATION

Fuel Manufacturing
200 Dorset Street East
Port Hope, Ontario
Canada L1A 3V4

Tel: (905) 885-4537
Fax: (905) 885-1538
www.cameco.com

Attention: Mr. Marc Pazina
Wah Chang Corporation
P.O. Box 460, 1600 N.E. Old Salem Road
Albany, Oregon, USA 97321
Fax: 541-967-6994

Jan. 28, 2011

END USER STATEMENT – for year 2011

Exporter: Wah Chang
1600 N.E. Old Salem Road
Albany, Oregon, 97321-0460
USA

Importer: Cameco Fuel Manufacturing
200 Dorset Street East
Port Hope, Ontario, L1A 3V4
CANADA

End Customer: China Nuclear Energy Industry Corp.(CNEIC) Ultimate Destination: Third Qinshan Nuclear Fuel Co. (TQNPC)

	No.9, Huayuan Street	Tanglangahan, Haiyan
County	Xicheng District, Beijing, 10032 CHINA	Zhejiang, 314300 CHINA

To be imported:

Zircaloy-4 Trex, on Cameco Fuel Manufacturing Purchase Order number 4500234146.

~~Zircaloy-4 Strip, on Cameco Fuel Manufacturing Purchase Order number 4500234146.~~

~~Zircaloy-4 Bar, on Cameco Fuel Manufacturing Purchase Order number 4500234146.~~

~~Zircaloy-4 Wire, on Cameco Fuel Manufacturing Purchase Order number 4500234146.~~

Trex: 52,000 lbs (to be pilgered into fuel sheath tubes at Cameco Fuel Manufacturing in Canada, and exported as fuel sheath tubes)

Bar: 8,000 Lbs (paperwork, Certs and weights to be inspected, then shipped as-is)

Strip: 5,000 lbs (paperwork, Certs and weights to be inspected, then shipped as-is)

Wires: 2,000 lbs (paperwork, Certs and weights to be inspected, then shipped as-is)

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Cameco Fuel Manufacturing confirms that the material stated above:

1. Is to be exported to CNEIC. The Ultimate Consignee is TQNPC as detailed above, who then uses the zirconium in the process of manufacturing CANDU nuclear fuel bundles, which are used in the Qinshan CANDU reactors in Zhejiang Province of China for electricity production.



2. Will only be used for peaceful purposes and will not be used for the development of nuclear explosives and will not be used in a military application.
3. Shall solely be used for production of CANDU reactor fuel for electricity production.

Should you require further information regarding the End User Statement please contact me directly.

Regards,

Jackie Raftis CPP, CPM, CIM
Purchasing Supervisor
Cameco Fuel Manufacturing
Tel: 905-885-1129 x4039
Fax: 905-885-8574
E-mail: jackie_raftis@cameco.com

CAMECO CORPORATION

*Fuel Manufacturing
200 Dorset Street East
Port Hope, Ontario
Canada L1A 3V4*

Tel: (905) 885-4537

Fax: (905) 885-1538

www.cameco.com

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FORM BIB-711 FORM APPROVED UNDER OMB CONTROL NO. 0894-0021, 0504-0003		U.S. DEPARTMENT OF COMMERCE BUREAU OF INDUSTRY AND SECURITY <small>Information furnished herein is subject to the provisions of Section 12(m) of the Export Administration Act of 1979, as amended, 50 U.S.C. and 22 CFR and its implementing regulations as provided by law.</small>		DATE RECEIVED (Leave Blank)	
STATEMENT BY ULTIMATE CONSIGNEE AND PURCHASER					
1. ULTIMATE CONSIGNEE CHINA NUCLEAR ENERGY INDUSTRY CORP. ADDRESS LINE 1: <u>BAOTON NUCLEAR FUEL PLANT</u> ADDRESS LINE 2: <u>P.O. Box 456</u>		CITY <u>BAO TON</u> COUNTRY <u>CHINA</u> POSTAL CODE <u>014035</u>		TELEPHONE <u>86472-3139810</u> OR FAX <u>86472-3139841</u>	
2. DISPOSITION OR USE OF ITEMS BY ULTIMATE CONSIGNEE NAMED IN BLOCK 1 We certify that the items: (fill mouse click in the appropriate box below)					
A. <input type="checkbox"/> Will be used by us (as capital equipment) in the form in which received in a manufacturing process in the country named in Block 1 and will not be reexported or incorporated into an end product.					
B. <input checked="" type="checkbox"/> Will be processed or incorporated by us into the following product (s) <u>CANDU 6 FUEL BUNDLES FOR USE IN TIANVA'S REACTORS</u> to be manufactured in the country named in Block 1 for distribution in <u>SINGAPORE</u> (PERSONAL PROPR OF SINGAPORE)					
C. <input type="checkbox"/> Will be resold by us in the form in which received in the country named in Block 1 for use or consumption therein. The specific end-use by my customer will be _____					
D. <input type="checkbox"/> Will be reexported by us in the form in which received to _____					
E. <input type="checkbox"/> Other (describe fully) _____					
NOTE: BOX (D) is checked, acceptance of this form by the Bureau of Industry and Security as a supporting document for license applications shall not be construed as an authorization to reexport the items to which the form applies unless specific approval has been obtained from the Bureau of Industry and Security for such export.					
3. NATURE OF BUSINESS OF ULTIMATE CONSIGNEE NAMED IN BLOCK 1					
A. The nature of our usual business is <u>MANUFACTURE OF FUEL BUNDLES (CANDU 6) FOR TIANVA'S ATOMIC REACTORS</u>					
B. Our business relationship with the U.S. exporter is <u>DONE THROUGH CANECO FUEL MANUFACTURING IN CANADA (FORMERLY KNOWN AS B.C.A.T.E.C)</u> and we have had this business relationship for <u>9</u> year(s).					
4. ADDITIONAL INFORMATION					
5. ASSISTANCE IN PREPARING STATEMENT					
STATEMENT OF ULTIMATE CONSIGNEE AND PURCHASER We certify that all of the facts contained in this statement are true and correct to the best of our knowledge and we do not know of any additional facts which are inconsistent with the above statement. We shall promptly send a supplemental statement to the U.S. Exporter, disclosing any change of facts or intentions set forth in this statement which occur after the statement has been prepared and forwarded, except as specifically authorized by the U.S. Export Administration Regulations (15 CFR parts 730-774), or by prior written approval of the Bureau of Industry and Security, or otherwise dispose of any items approved on a license supported by this statement (1) to any country not approved for export as brought to our attention by means of a bill of lading, commercial invoice, or any other means, or (2) to any person if we know that it will result directly or indirectly, in disposition of the items contrary to the representations made in this statement or contrary to Export Administration Regulations.					
6. SIGNATURE OF OFFICIAL OF ULTIMATE CONSIGNEE X <u>WANG JUN</u> NAME OF OFFICIAL <u>WANG JUN</u> TITLE OF OFFICIAL <u>DIRECTOR, BNFP</u> DATE (mm/dd/yyyy) <u>04/14/09 01.01.11</u>			7. NAME OF PURCHASER <u>CNEIC</u> SIGNATURE OF PURCHASER <u>[Signature]</u> NAME OF OFFICIAL <u>CHEN SI</u> TITLE OF OFFICIAL <u>LEP. DIR. SR. PROJ. MGR.</u> DATE (mm/dd/yyyy) <u>04.15.2009</u>		
CERTIFICATION FOR USE OF U.S. EXPORTER - We certify that no corrections, additions, or alterations were made on this form by us after the form was signed by the (ultimate consignee)(purchaser).			8. NAME OF EXPORTER <u>CAMECO FUEL MANUFACTURING INC.</u> SIGNATURE OF PERSON AUTHORIZED TO CERTIFY FOR EXPORTER <u>[Signature]</u> NAME OF PERSON SIGNING THIS DOCUMENT <u>DOUG. B. BURTON</u> TITLE OF PERSON SIGNING THIS DOCUMENT <u>MANAGER, MARKETING</u> DATE (mm/dd/yyyy) <u>04.14.2009</u>		
We acknowledge that the making of any false statements or concealment of any material fact in connection with this statement may result in imprisonment or fine, or both and denial, in whole or in part, of participation in U.S. exports and reexports.					
<small>Public reporting burden for this collection of information is estimated to average 15 minutes per response plus one minute for reviewing instructions, including the time for reviewing instructions, searching existing data sources, gathering the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Director of Administration, Room 2828, Bureau of Industry and Security, U.S. Department of Commerce.</small>			<small>Washington, DC 20230, and to the Office of Management and Budget, Paperwork Reduction Project (0894-0021), 0804-0093, Washington, D.C. 20503. Notwithstanding any other provision above, no person is obligated to respond to any collection of information if it does not display a currently valid OMB Control Number.</small>		

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NUCLEAR SUPPLIERS GROUP CERTIFICATION STATEMENT

We hereby certify that the items to be exported or replicas thereof ("Replicas" refers to items produced abroad based on physical examination of the item originally exported, matching it in all critical design and performance parameters), will not be used in:

1. Any nuclear explosive activities, including research on or development design, manufacture, construction, testing or maintenance of any nuclear explosive device, or components or subsystems of such a device;
2. Unsafeguarded nuclear activities including research on, or development design, manufacture, construction, operation, or the maintenance of any nuclear reactor, critical facility, facility for the fabrication of nuclear fuel, facility for the conversion of nuclear material from one chemical form to another, or separate storage installation, where there is no obligation to accept International Atomic Energy Agency (IAEA) safeguards at the relevant facility or installation when it contains any source or special fissionable material (regardless of whether or not it contains such material at the time of export), or where any such obligation is not met; or
3. Safeguarded and unsafeguarded nuclear fuel cycle activities, including research on or development, design, manufacture, construction, operation or maintenance of any of the following facilities, or components for such facilities:
 - I. Facilities for the chemical processing of irradiated special nuclear or source material;
 - II. Facilities for the production of heavy water;
 - III. Facilities for the separation of isotopes of source and special nuclear material; or
 - IV. Facilities for the fabrication of nuclear reactor fuel containing Plutonium.

That written authorization will be obtained from the Bureau of Export Administration prior to reexporting the items, unless they are destined to Canada or would be eligible for export from the United States to a new country of destination under NLR (No License Required) based on country chart under NP column 1 (Export Administration Regulations Supplement No. 1 to part 738).

Ultimate Consignee and Purchaser

Name and Address of Company of Ultimate Consignee:

THIRD QINSHAN NUCLEAR POWER Co., LTD.

HAIYAN, ZHEJIANG, CHINA. 314300

Typed or Printed Name of Company Official

Xie Jiajie

Signature of Company Official

Xie Jiajie

Title: Deputy General Manager

Date: ~~Feb. 13, 06~~ Jan. 01, 11

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MAR 18 2011

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JC



Wah Chang
1600 NE Old Salem Road; P.O. Box 460, Albany, OR 97321-0460
Phone: (541) 926-4211 Fax: (541) 967-6990
Web site: www.wahchang.com

March 8th, 2011

XCOM1224

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852

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Attached is a license application for export of Zirconium Trex tubes to Cameco in Canada. If this application is approved Cameco will ship tubes over the next three years to this Chinese project for use in the Third Qinshan Nuclear Power Corporation facility. I am requesting that this license remain in affect for three years to complete production and shipping. Our previous export approved license was XCOM1203.

Please find enclosed end-use statement, BIS-711, NSG Certifications and information on the end user as well as Cameco's current Purchase Order. Please let me know if you have questions or need additional information. A check for in the amount of \$9,900.00 has also been included.

Please let me know if you have questions or need additional information. You can reach me by phone at 541-917-6712, email to sheila.pershall@atimetals.com, or by fax to 541-967-6990.

Sincerely,

A handwritten signature in cursive script that reads "Sheila Pershall".

Sheila Pershall
Export Administrator

Enclosures